PRODUCTION NOTE

University of Illinois at Urbana-Champaign Library
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BOARD OF TRUSTEES

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WILLIAM G. STRATTON, Governor of Illinois, Springfield
GEORGE T. WILKINS, Superintendent of Public Instruction, Springfield

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(Term 1955-61)

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MRS. FRANCES B. WATKINS, 5454 Cornell Avenue, Chicago 15
KENNEY E. WILLIAMSON, Sixth Floor, Lehmann Building, Peoria 2

(Term 1957-63)

EARL M. HUGHES, Hughes Farms, Route 1, Woodstock
WAYNE A. JOHNSTON, 135 East Eleventh Place, Chicago 5
TIMOTHY W. SWAIN, 912 Central National Bank Building, Peoria 2

(Term 1959-65)

HOWARD W. CLEMENT, First National Bank Building, 38 South Dearborn Street, Chicago 3
RICHARD A. HAREWOOD, 733 East Seventy-fifth Street, Chicago 19
HAROLD FOGUE, 795 North Oakland Avenue, Decatur

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KENNEY E. WILLIAMSON, President, Peoria
ANTHONY J. JANATA, Secretary, Urbana
HERBERT O. FARBER, Comptroller, Urbana
CLARENCE W. WELDON, Treasurer, First National Bank, Chicago 3
The July meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, July 29, 1958, beginning at 2:30 p.m., central daylight saving time.

The following members of the Board were present: Mr. Cushman Bissell, Mr. Earl M. Hughes, Mr. Park Livingston, Mr. Vernon L. Nickell, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, and Mr. Kenney E. Williamson. Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, and Governor William G. Stratton were absent.

Also present were President David D. Henne, Dean of Administration and Associate Provost Royden Dangerfield, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lesemann, Legal Counsel, Professor Norman A. Parker, Chairman of the University's Building Program Committee, Mr. E. L. Stouffer, University Architect, Mr. Ambrose M. Richardson, Consulting Architect, Mr. James C. Colvin and Mr. William H. Rice, Administrative Assistants in the President's Office, Mr. Robert W. Evans, Assistant Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on April 17, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 1173 to 1233, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law.

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<tr>
<th>Name</th>
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<th>State from Which They Obtained Certificates</th>
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<td>THOMAS JUNIOR BURNS</td>
<td>Carbondale, Illinois</td>
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<td>CARROLL WRIGHT CHEEK</td>
<td>Bowling Green, Ohio</td>
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<td>CHARLES CLOISE CRUMLEY</td>
<td>Park Ridge, Illinois</td>
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<td>WILLIAM DONALD FISCHER</td>
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<td>GEORGE GEORGIOU</td>
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<td>JAMES Milton INGHAM</td>
<td>Webster Groves, Missouri</td>
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<td>MELVIN ELMER KERR</td>
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<td>A. O. LABERTEAUX</td>
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<td>ROBERT THEO LENHARDT</td>
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<td>BERT REIVE</td>
<td>Detroit, Michigan</td>
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<td>SHELDON SEYMOUR SIXTRICK</td>
<td>Bettendorf, Iowa</td>
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<td>JAMES EDWIN STOLL</td>
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<td>KENNETH E. STUTLER</td>
<td>Lawrenceville, Illinois</td>
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<td>JOHN LOUIS VITALE</td>
<td>Western Springs, Illinois</td>
<td>Michigan</td>
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<td>DAVID HERMAN ZIEGLER</td>
<td>Chicago, Illinois</td>
<td>District of Columbia</td>
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On motion of Mr. Nickell, these certificates were awarded.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) On nomination of the Committee on Accountancy, I recommend the appointment of Mr. Allen Carter Howard, C.P.A., 208 South LaSalle Street, Chicago, Resident Partner of the firm of Touche, Niven, Bailey, and Smart, Certified Public Accountants, to the Board of Examiners in Accountancy for three years beginning July 1, 1958, to replace Mr. Donald Jennings whose term will expire June 30, 1958.

On motion of Mr. Hughes, this appointment was approved.

ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE

(3) The Dean of the College of Agriculture recommends the following appointments and reappointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1958, for three-year terms.

Agricultural Economics
L. L. COLVIS, Decatur (General Manager, Illinois Livestock Marketing Association)
I. FRANK GREEN, Peoria (Vice-President, Commercial National Bank)

Agricultural Engineering
A. D. ODERKIRK, DeKalb (Babson Farms, Inc.)
The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Maud A. Adams, Assistant Professor in the School of Nursing, beginning July 1, 1958, at an annual salary of $7,000 (BY).
2. Carl J. Altstetter, Assistant Professor of Metallurgical Engineering, beginning September 1, 1958, at an annual salary of $6,200 (B).
3. William W. Boone, Associate Professor of Mathematics, beginning September 1, 1958, at an annual salary of $8,500 (D).
4. Harry P. Broquist, Associate Professor of Biological Chemistry in the Department of Dairy Science, beginning September 1, 1958, at an annual salary of $11,000 (DY).
5. Lawrence Calcagno, Professor of Art, beginning September 16, 1958, at an annual salary of $8,400 (E).
6. Raymond A. Davidson, Assistant Professor of Electrical Engineering, beginning September 1, 1958, at an annual salary of $7,000 (D).
7. Glenn W. Fisher, Research Assistant Professor in the Institute of Government and Public Affairs, beginning September 1, 1958, at an annual salary of $8,000 (DY).
8. Om Prakash Gupta, Assistant Professor of Applied Materia Medica and Therapeutics, in the College of Dentistry, beginning September 1, 1958, at an annual salary of $8,000 (DY).
9. Lester L. Helms, Assistant Professor of Mathematics, beginning September 1, 1958, at an annual salary of $6,500 (B).
10. Arthur L. Hooker, Assistant Professor of Plant Pathology and of Agronomy, beginning September 1, 1958, at an annual salary of $8,200 (S-BYSO; C-BYzo).
11. Ivar Johansson, George A. Miller Visiting Professor in the Department of Dairy Science, beginning September 1, 1958, at an annual salary of $8,500 (D).
12. Luis M. H. Larramendi, Assistant Professor of Anatomy, beginning September 1, 1958, at an annual salary of $7,800 (BY).
13. Harry J. Lipkin, Visiting Associate Professor of Physics, beginning September 16, 1958, at an annual salary of $9,000 (E).
14. William H. McBurney, Assistant Professor of English, beginning September 1, 1958, at an annual salary of $6,300 (B).
15. Robert W. Nickle, Assistant Professor of Architecture and Art, in the Chicago Undergraduate Division, beginning September 1, 1958, at an annual salary of $6,500 (B).
16. Robert Ornstein, Assistant Professor of English, beginning September 1, 1958, at an annual salary of $6,500 (B).
17. Charles W. McElroy Pratt, Visiting Associate Professor of Anatomy, in the College of Medicine, beginning September 1, 1958, at an annual salary of $11,000 (DY).
18. Francis P. Purcell, Consultant with rank of Associate Professor in the School of Social Work, beginning September 1, 1958, at an annual salary of $8,550 (DY).
19. J. Austin Ranney, Associate Dean of the Graduate College and Associate
Professor of Political Science, beginning September 1, 1958, at an annual salary of $10,400 (BY59; AY41).

20. BENJAMIN A. RASMUSEN, Associate Professor of Animal Genetics in the Department of Animal Science, beginning September 1, 1958, at an annual salary of $10,300 (AY).

21. ANTHONY J. SCHMIDT, Assistant Professor of Anatomy, in the College of Medicine, beginning September 1, 1958, at an annual salary of $7,510 (BY).

22. ENRIQUE SCHWARZ, Assistant Professor of Radiology, in the College of Medicine, beginning June 16, 1958, at an annual salary of $11,900 (DY).

23. JOSEPH A. THIEN, Assistant Professor of Zoology, beginning September 1, 1958, at an annual salary of $5,800 (D).

24. LUCIEN W. WHITE, Associate Director for Public Service Departments in the Library, and Professor of Library Science, beginning September 1, 1958, at an annual salary of $12,000 (BY).

25. ROBERT W. WHITENER, Assistant Professor of Mental Hygiene and Psychiatrist in the Health Service, beginning July 1, 1958, at an annual salary of $12,000 (DY).

On motion of Mr. Swain, these appointments were confirmed.

DEAN OF LIBRARY ADMINISTRATION

(5) I recommend that the position of "Dean of Library Administration" be created to replace the present position of Director of the Library, and the appointment of the present Director, Robert B. Downs, as Professor of Library Science on indefinite tenure, and Dean of Library Administration and Director of the Library School for one year from September 1, 1958, at a salary of $18,000 on "Y" basis.

The change in title to an administrative deanship is in recognition of the all-University responsibilities of the office and the increase in those responsibilities in recent years. The head of the University library system is in charge of not only the main Library at Urbana-Champaign but all departmental libraries and the libraries at the Chicago Professional Colleges and at the Chicago Undergraduate Division.

It should be noted that this action does not affect the title of the Director of the Library School, a separate position which, at Illinois, has traditionally been held by the University Librarian.

On motion of Mr. Nickell, this recommendation and appointment were approved.

SABBATICAL LEAVES OF ABSENCE

(6) I recommend that the following members of the staff be given sabbatical leave during the academic year 1958-59, in accordance with the University of Illinois Statutes and for the period indicated in each case:

DANIEL CURLEY, Assistant Professor of English, first semester (September 1, 1958-February 28, 1959), on one-half pay; second semester (March 1-August 31, 1959), without pay; with the option of changing to leave without pay the first semester, and leave on one-half pay the second semester.

RAYMOND P. STEARNS, Professor of History, second semester, full pay.

As a general rule, recommendations for leaves of absence for an ensuing year are presented to the Board of Trustees the preceding March or April, so that all of them may be considered at one time. In the two cases here recommended, the circumstances justify consideration at this late date.

Professor Curley has recently been awarded a Guggenheim Fellowship which makes it possible for him to be absent from the University for a full year. He did not apply for leave with pay at the time other applications for sabbatical leaves were submitted because he had not been notified of the Guggenheim Fellowship. He plans to spend the year in writing and experimenting with narrative techniques.

Professor Stearns has recently received an invitation to lecture in history at the University of Ghent in Belgium on a Fulbright Grant which will cover his personal travel expenses and provide some maintenance funds. He did not apply for this, and the invitation has come as a surprise. It is a distinct honor for him and to the University that he was invited directly and that he was proposed for this appointment by the American Historical Association.
In both cases the Departments have given assurance that no additional expense to the University will be involved.

It should be noted that four of the sabbatical leaves of absence approved in March have since been cancelled, without prejudice, at the request of the recipients because of changes in personal or departmental plans.

On motion of Mrs. Watkins, these leaves were granted, as recommended.

**FEE FOR FLIGHT INSTRUCTION**

(7) The Director of the Institute of Aviation, the Committee on Fees, and the Vice-President and Comptroller recommend that the fee for flight instruction be increased from $275 to $300 a course beginning with the summer session of 1959. This increase is necessary because of the rising cost of aircraft operation and replacement of equipment.

I concur.

On motion of Mr. Williamson, this fee was authorized.

**APPROPRIATION FOR TRANSFORMER IN MUMFORD HALL**

(8) Installation of an additional transformer in Mumford Hall for which an assignment of $25,000 was made by the Board of Trustees has been completed and there remains an unexpended balance of approximately $7,500. The estimate was made before engineering details had been completed. Some of the job difficulties anticipated did not materialize, and this plus economies in the purchase of the switchboard and transformers resulted in savings.

The next phase in the modernization of electrical facilities in this building is replacement of two existing obsolete single-phase lighting risers in panelboards with new three-phase risers, at an estimated cost of $8,800 which can be paid for from the balance in the existing appropriation plus funds in the operation and maintenance appropriation of the Physical Plant Department.

The Director of the Physical Plant and the Vice-President and Comptroller request authorization of the use of the balance of the appropriation for the transformer for the additional work described.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**APPRAISAL OF UNIVERSITY BUILDINGS**

(9) University policy provides that insurable values of University properties insured subject to co-insurance shall be determined through a computation by the Physical Plant Department, and that the feasibility of continuation of co-insurance shall be determined by outside appraisal. The policy also provides for outside appraisals of buildings when such evaluation is believed desirable.

The University insures only income-producing properties. Fire and extended coverage insurance is carried with the 80 per cent co-insurance clause to obtain lower rates. Consequently, it is important to have accurate evaluations to be sure that the University's coverage is adequate to prevent a loss through underevaluation. The only evaluations accepted without question by insurance companies in the event of an insured loss are those certified by a professional appraisal company.

The Supervisor of Insurance requested bids from Marshall and Stevens, Inc., Chicago, and the Lloyd-Thomas Company, Chicago, on appraisals of the following properties: Allerton elevator buildings, Allerton Four-H Camp, Busey Hall, Evans Hall, Green Street Apartments, Illini Union Building, Lincoln Avenue Residence, Allen Hall, Men's Residence Halls, and Student-Staff Apartments.

The bid of $8,100 from Marshall and Stevens, Inc., is the lower bid. The survey proposed by the Lloyd-Thomas Company would be more comprehensive but the proposal of Marshall and Stevens, Inc., will serve the purpose.

The Vice-President and Comptroller recommends the employment of Marshall and Stevens, Inc., for this survey at a fee of $8,100, the cost to be paid from the income from the operations in the buildings, and the funds are available. Consideration will be given to a similar survey in Chicago, and if one is necessary a recommendation will be submitted to the Board.

I concur.

On motion of Mr. Nickell, this recommendation was approved.
CONTRACTS FOR REMOVAL OF HOUSES

(10) The Committee on Buildings and Grounds has approved the removal or demolition of buildings on land purchased by the University within the last two years as future sites for residence halls and other buildings. The Physical Plant Department has secured bids and proposals for the removal of seven houses and recommends that they be disposed of as follows, the contract in each case being awarded to the best bidder:

1005 West Green Street, Urbana
To be sold to Cook and Wiese, Danville, for $55.00.

1002 West Illinois Street, Urbana

1102 West Green Street, Urbana

610 East John Street, Champaign
The University to pay ABC Wrecking Company, Chicago, a total of $450 for removal of these houses: $250 for the removal of the house at 1002 West Illinois Street, $750 for removal of the house at 1102 West Green Street, and $50.00 for the removal of the house at 610 East John Street.

1010 West Green Street, Urbana
1012 West Green Street, Urbana
ABC Wrecking Company to remove these for salvage without cost to the University.

The Warm Air Research Residence at 54-56 Gregory Drive will also need to be removed to provide a site for the new University Press Building. The Research Residence was constructed for the University by the National Warm Air Heating and Air Conditioning Association which is constructing a new research residence building for the University in another area. Since the building to be removed belongs to the Association, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Association be permitted to enter into a contract with Mrs. Lorraine Davis, Urbana, who submitted a proposal for the building and its removal at $2,043.32. The Committee on Buildings and Grounds has previously approved the removal of this building with the understanding that the proceeds of the sale would go to the Association.

I concur in these recommendations. A schedule of the bids received is attached.

On motion of Mr. Williamson, these recommendations were approved by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

CONTRACT FOR EXTENSION OF STEAM SERVICE TO UNIVERSITY PRESS BUILDING

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $14,888 to the Ideal Heating Company, Chicago, the lowest bidder, for the construction of an underground conduit steam line from the main utilities distribution system tunnel on Gregory Drive to the new University Press Building.

This does not include the installation of certain valves, condensate return pumps, and other accessory equipment within the building at the point of entrance of the steam line. An alternate bid on this phase of the work was received, but since it is out of line with engineering estimates of costs, it is recommended that this alternate not be accepted. Brown, Manthei, Davis, and Mullins, the engineers for this project, will check with Ideal Heating Company to determine if an error was made in the estimation of this alternate and if a lower quotation can be secured. Accordingly, authority is requested to issue a change order for this alternate at a later date in whatever amount seems justified, upon recommendation of the Vice-President and Comptroller and with the approval of the President of the University.

Funds are available in the renewal and replacement budget of the Physical Plant Department.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the
following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

**CONTRACT FOR LANDSCAPING OF MEN'S RESIDENCE HALLS AREA**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $24,500 to Wandell's Twin City Nursery and Landscape Service, Urbana, the lowest bidder, for the landscaping of the areas of the three new units of the Men's Residence Halls now being completed on the former Parade Grounds.

Funds are available in the construction account for these buildings.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

**CONTRACT FOR REROOFING TALBOT LABORATORY**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $9,354 to Petry Roofing and Sheet Metal Company, Champaign, the lowest bidder, for reroofing the Arthur Newell Talbot Laboratory.

Funds are available in the operation and maintenance budget of the Physical Plant Department.

I concur.

On motion of Mr. Bissell, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

**IMPROVEMENTS IN ICE RINK**

(14) The Safety and Fire Prevention Committee has recommended certain improvements in the Ice Rink, the most important being replacement of the ammonia-operated compressor motors and auxiliary equipment. This is the original equipment, installed in 1931, and while it has been well maintained, the machinery is now obsolete, it is beyond further overhauling, and it is considered unsafe by the Safety and Fire Prevention Committee. It is recommended that new Freon machinery be installed.

Other maintenance work needs to be done at the Ice Rink, as recommended by the Safety and Fire Prevention Committee, for example, installation of panic hardware.

The total estimated cost of the minimum improvements necessary is $75,000. The Athletic Association is financially able to finance this work on a temporary basis but is unable to make a permanent commitment of funds. The Board of Directors of the Athletic Association has allocated this amount so that the work may be completed by the fall of 1958, with the understanding that the University will later reimburse the Association from capital appropriations for remodeling and rehabilitation of buildings.

I recommend approval of this program and that the assignment of funds made by the Board of Directors be confirmed.

On motion of Mrs. Watkins, this recommendation was approved.

**ADDITION TO CONTRACT FOR CONSTRUCTION OF LIBRARY ADDITION**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $3,138.69 in the contract with Johnson, Drake, and Piper, Incorporated, for the construction of the sixth addition to the University Library to provide for four-inch valves in the heating and ventilating installations
Instead of two-inch valves. The specifications for this project indicated simply that safety valves be installed but did not specify the size. The contractor's bidding estimates were based upon the installation of two-inch valves which were considered adequate. The Safety and Fire Prevention Committee has recommended that the installation of the larger valves is desirable and is justified from the standpoint of complete safety. The architects and the Physical Plant Department agree and advise that the contractor should not be called upon to provide the larger valves without additional compensation. His estimates have been checked and found reasonable.

I concur.

On motion of Mr. Swain, the Comptroller was authorized to execute this change in the contract.

**ADDITION TO CONTRACT FOR INSTALLATION OF PIPING SYSTEM**

(16) The Director of the Physical Plant and Vice-President and Comptroller recommend an increase of $3,857.11 in the contract with Gallaher and Speck, Incorporated, to revise the installation of circulating water piping for the cooling tower in the addition to Abbott Power Plant. These changes will result in savings in excess of $8,000 in other phases of the cooling tower work.

I concur.

On motion of Mr. Williamson, the Comptroller was authorized to execute this change in the contract.

**ADDITION TO CONTRACT WITH IDEAL HEATING COMPANY FOR PIPING IN UTILITIES DISTRIBUTION SYSTEM**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $5,413 in the contract with the Ideal Heating Company, Chicago, for furnishing and installing of piping in the extension of the utilities distribution system in the area west of First Street and south of Gregory Drive, Champaign.

The original contract for $183,333 was approved by the Board on August 8, 1957. Previous minor additions have increased this to $184,572.75. The increase now proposed is to provide for piping for steam service from a loop vault in the utilities distribution system to the new Men's Residence Halls in the Parade Ground area.

Providing the take-off steam service connection to the Residence Halls as a part of the original tunnel and piping work now under contract will result in a better installation, without interruption of service or damage to previously completed work, and at less cost than a service connection installed by separate contract later.

I concur.

On motion of Mrs. Watkins, the Comptroller was authorized to execute this change in the contract.

**EXPANSION OF MEDICAL CENTER STEAM COMPANY PLANT**

(18) The Board of Trustees approved a contract with Presbyterian-St. Luke's Hospital for steam service from the Medical Center Steam Company plant to the Hospital which requires the addition of a fourth boiler unit to the plant to provide the necessary increase in its capacity. The construction is being done by Stone and Webster Engineering Corporation under a contract between the latter and the Medical Center Steam Company, also authorized by the University.

Before long a fifth boiler unit will be needed to provide steam capacity to serve the new University buildings at the Chicago Professional Colleges. The shell of the addition to the steam plant, now under construction, to house a fifth boiler can be enlarged at an additional cost of $370,000 which would result in a saving of at least $40,000 compared with the cost of the same addition to the plant building later. The estimated cost of a fifth boiler, if constructed and installed concurrently with the fourth boiler, is $840,000, an estimated saving of $220,000, plus any savings as a result of potential price increases, compared with the cost of constructing and installing the boiler later. It was estimated that this reduction in capital costs will also result in savings on principal and interest payments of
approximately $135,000 over the period of financing the Medical Center Steam Company plant.

The increase of $370,000 for the construction of the larger addition to the building will require an increase of $32,000 a year in the Physical Plant Department budget, beginning with the biennium 1959-61, for payment of the increase in debt service in financing this construction; the increase in debt service resulting from the construction and installation of the fifth boiler unit will not go into effect until 1961.

The Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend that the Board of Trustees authorize an increase of $1,210,000 for the construction of the addition to the plant building and for the construction and installation of a fifth boiler in the contract between the Medical Center Steam Company and Stone and Webster Engineering Corporation.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

EASEMENT FOR PRESBYTERIAN-ST. LUKE'S HOSPITAL STEAM TUNNEL

(19) As a supplement to the contract with Presbyterian-St. Luke's Hospital for steam service from the Medical Center System Company plant, it is necessary to grant the Hospital an easement for the construction of the steam tunnel, since this is related to the University's interest in land. Accordingly the following Resolution is offered:

Resolution

Be it and it is hereby, resolved by the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of the Board of Trustees be, and they hereby are, authorized to execute and deliver in the name and on behalf of this corporation an agreement for easement, together with such other document or documents as to them may appear necessary and desirable, for the purpose of granting the right, easement, permission and authority to Presbyterian-St. Luke's Hospital and the Medical Center Steam Company to enter upon University property in Chicago, Illinois, bounded on the west by South Wood Street, on the north by West Polk Street, and on the east by South Hermitage Avenue; to construct thereon a steam tunnel extending from the existing valve chamber on South Wood Street approximately 150 feet south of West Polk Street, to a connection with an existing steam distribution tunnel on South Hermitage Avenue just south of the intersection of South Hermitage Avenue and West Polk Street, and related facilities and appurtenances; and to use, operate, maintain, renew and remove said tunnel, facilities and appurtenances; together with the right of ingress to and egress from said land at all times for any and all such purposes; said Presbyterian-St. Luke's Hospital and Medical Center Steam Company to agree to indemnify this corporation against loss in any way arising out of this project; for so long as used for said purposes, and until this corporation acquires title and ownership of the property and facilities of Medical Center Steam Company; in consideration of One Dollar and other good and valuable consideration.

On motion of Mrs. Watkins, the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

EXPANSION OF STEAM DISTRIBUTION SYSTEM IN CHICAGO

(20) The Board of Trustees approved a contract to supply steam service to the National Society for Crippled Children and Adults in the Medical Center District
in Chicago. A steam distribution and condensate return system to carry 30,000 pounds an hour maximum capacity is being built from the corner of Wolcott and Polk Streets to the corner of Damen and Polk Streets, at an estimated cost of $95,000.

The construction is being done under a reimbursable cost contract between the Pioneer Service and Engineering Company and the Medical Center Steam Company, which contract was authorized by the University.

The Chicago Medical School authorities wish to negotiate for steam service to buildings which the School is planning to build in the Medical Center District in 1960 and 1962. The buildings will be in a location where they could be served by the distribution system now under construction. The maximum steam requirement requested by the Chicago Medical School is 30,000 pounds an hour.

The cost of the distribution system now under construction is being shared by the University and the National Society for Crippled Children and Adults, with the University paying approximately $90,000 of the cost. The Pioneer Service and Engineering Company estimates that an increase in the capacity of the line now under construction to provide for maximum demand of 60,000 pounds would add only $15,000 to the cost at this time.

Increasing the capacity of the distribution system while it is under construction would result in material savings in the ultimate cost. The additional cost would be more than recovered since the University's share of the cost of the line, now approximately $90,000, would be reduced to approximately $52,000 by payments from the Chicago Medical School, if negotiations with that institution result in a contract for steam service. Accordingly, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend that:

1. University officers be authorized to negotiate with the Chicago Medical School to furnish steam to its buildings on the same terms and policies as contracts with other consumers. This would be consistent with the policy of the Board of Trustees in the operation of the Medical Center Steam Company to furnish steam to any governmental agency, educational institution or charitable organization, or any other institution in the Medical Center District upon application and upon certification by the Medical Center Commission that the agency or institution is a qualified applicant for steam service, subject to availability of an adequate supply of steam.

2. The Board authorize an addition to the Medical Center Steam Company's contract with the Pioneer Service and Engineering Company for an increase in the capacity of the line from 30,000 pounds an hour maximum demand to 60,000 pounds an hour maximum demand at an estimated increase in cost of $15,000.

No additional assignment of funds is needed, as the amortization of the added investment in the system can be provided from funds in the Physical Plant Department budget.

I concur.

On motion of Mrs. Watkins, these recommendations were approved.

STEAM SERVICE TO THE CHICAGO FOUNDLINGS HOME

(21) The Chicago Foundlings Home, which will in the near future begin construction of a new building in the Medical Center District, has requested the University to supply steam service to that building. The steam required by the Home will not exceed 5,000 pounds an hour. If other recommendations being made separately for the expansion of the steam plant facilities are approved, the steam required by the Chicago Foundlings Home can be supplied.

In keeping with University policy in the operation of the Medical Center Steam Company of supplying steam to qualified users in the Medical Center District, if the steam plant has the capacity to do so, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of negotiations with the Chicago Foundlings Home to supply the steam as requested on the same terms and conditions as in contracts with other consumers.

I concur.

On motion of Mr. Nickell, this recommendation was approved.
CHANGE IN CONTRACT FOR ARCHITECTURAL SERVICES

The University has a contract with Ambrose M. Richardson of Ambrose M. Richardson and Associates, Champaign, for architectural consultant and design services for one year from August 1, 1957, with a maximum cost of $48,500. The scope of work on which these services have been needed has changed. The Director of the Physical Plant and the Vice-President and Comptroller recommend that the maximum cost be increased to $51,000 with the following adjustments in allocations:

<table>
<thead>
<tr>
<th>Description</th>
<th>Original Amount</th>
<th>Revised Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Men's Residence Halls, Stage 4</td>
<td>$21,000</td>
<td>$8,000</td>
</tr>
<tr>
<td>Women's Residence Hall</td>
<td>13,000</td>
<td>13,000</td>
</tr>
<tr>
<td>Continuing Services on Housing Projects and</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fine Arts Building</td>
<td>1,500</td>
<td>3,000</td>
</tr>
<tr>
<td>Campus Plan Studies and Consultative Services.</td>
<td>13,000</td>
<td>27,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$48,500</strong></td>
<td><strong>$51,000</strong></td>
</tr>
</tbody>
</table>

The Director of the Physical Plant and Vice-President and Comptroller further recommend a new contract for continuation of these services (the name of Mr. Richardson's firm is now Richardson, Severns, and Associates) for the fiscal year 1958-59 for the following:

1. Continuation of Urbana campus plan studies ................ $10,000
2. Preparation of a campus plan study for the Chicago Professional Colleges ............................................. 16,000
3. Completion of design work on
   Single Men's Housing Project No. 3 ....................... $2,000
   Single Women's Housing Project No. 2 ................... 2,000
   Fine and Applied Arts Building and Krannert Art Museum ................................................................. 6,000
4. New design projects
   Single Women's Housing Project No. 3 ..................... 13,000
   Single Men's Housing Project No. 4 ....................... 17,000
5. Design consultation on other projects as requested .......... 30,000

**Total Estimate for the Year** ................................ 65,000

Items 1 and 2 can be financed from current appropriations for architectural studies. Funds are available in the construction contracts for services chargeable to the Fine and Applied Arts Building and the Krannert Art Museum. The remainder of Items 3 and 4 can be financed through temporary assignments of University funds which will be reimbursed when funds are borrowed for the construction work. Work under Item 5 will be activated by recommendations to and approval by the Comptroller.

Payments on this contract will be made monthly for labor at cost (A. M. Richardson at $10.00 an hour, John Severns at $5.00 an hour, and draftsmen at $3.00 an hour), plus 75 per cent commission; other items such as materials for models, travel expenses, reproduction of drawings above two copies of each, and miscellaneous expenses on actual cost basis.

All buildings under this contract will be audited by the Business Office.

I concur.

On motion of Mrs. Watkins, this contract was authorized by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

ESTATE OF LAVERNE NOYES

The Board of Trustees authorized an agreement with the other college and university beneficiaries of the Estate of LaVerne Noyes whereby administrative trustees were appointed for the purpose of developing and carrying out a program for the retention, distribution, or liquidation of stock in the Aermotor Corporation, the principal assets of this Estate.
Based on the Corporation's record of earnings for the past several years, the administrative trustees concluded that the best interests of the beneficiary institutions would be served by disposing of the Aermotor shares. This sale was consummated on June 3, 1958. Immediately prior to this transaction, securities held in the investment portfolio of the Aermotor Corporation were transferred to the Trustees as a dividend, and assets in a separate Trust Estate were released to its Trustees by the purchase of annuity contracts for the beneficiaries of that Trust. All securities thus received were sold, thereby converting the Trust Estate to an all cash position.

The total proceeds of these transactions were deposited with the Northern Trust Company and, with the exception of approximately $5,000 retained to pay for further expenses including an audit report, have now been distributed to the beneficiary institutions in the proportion that those institutions participated in the original Trust created by the will of Mr. Noyes. The amount received by the University of Illinois is $220,131.33 which will be invested as an endowment and the income used for the purposes of the original gift.

The receipt of this sum, plus a small additional amount that may be received in the future, completes the liquidation of the University's interest in this Trust Estate.

This report was received for record.

**PURCHASES**

**Purchases Authorized**

(24) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. In each case the purchase was recommended on the basis of the lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>68 sink base cabinets</td>
<td>Housing</td>
<td>Thompson Lumber Co., Champaign</td>
<td>$6,998 00 f.o.b. delivered</td>
</tr>
<tr>
<td>57 base cabinets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68 formica counter tops</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(For conversion of Arbor Suites to apartments)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Varian model V-400A four-inch laboratory electromagnet with one pair tapered pole caps, one pair cylindrical caps, one V-100A power supply, and one V-310A current regulator</td>
<td>Physics</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>4,275 00 f.o.b. Palo Alto, Calif.</td>
</tr>
<tr>
<td>Labor and equipment to unload approximately 1,233 tons of iron plate from railroad cars and move to location and stack on south side of Physics Research Laboratory</td>
<td>Physics</td>
<td>Don McCabe Co., Champaign</td>
<td>5,548 50</td>
</tr>
<tr>
<td>Lead coated copper sheets as follows:</td>
<td>Physical Plant</td>
<td>Industrial Metals, Inc., St. Louis, Mo.</td>
<td>4,534 72 f.o.b. delivered</td>
</tr>
<tr>
<td>170 36 in. by 96 in., 20 oz.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 24 in. by 96 in., 20 oz.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>120 24 in. by 96 in., 16 oz.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>5 16 in. by 96 in., 16 oz.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacement parts for General Precision Laboratory image orthicon camera</td>
<td>Television-Motion Pictures</td>
<td>National Theatre Supply Co., Chicago, Pleasantville, N.Y.</td>
<td>2,743.93 f.o.b. Pleasantville, N.Y.</td>
</tr>
</tbody>
</table>

On motion of Mr. Williamson, these purchases were approved.

**Purchases Recommended**

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>70,000 (approximately) answer sheets of statewide testing program to be scored</td>
<td>Bureau of Educational Research</td>
<td>Measurement Research Center, Inc., Iowa City, Iowa</td>
<td>$8,400 00 f.o.b. Iowa City, Iowa</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------</td>
<td>---------------------------------------------</td>
<td>-------</td>
</tr>
<tr>
<td>Laboratory chemicals (321 items) to be used as stock in the General Chemical Stores for the summer and fall terms 1958-59</td>
<td>General Chemical Stores</td>
<td>Mallinckrodt Co., St. Louis, Mo. General Chemical Co., Fisher Scientific Co., Chicago</td>
<td>$7 252 93</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chicago, Raecher &amp; Betzold Co., Chicago</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schaar &amp; Co., Chicago, Merck &amp; Co., St. Louis, Mo.</td>
<td>1 572 72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J. T. Baker Chemical Co., Chicago</td>
<td>1 514 86</td>
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<tr>
<td></td>
<td></td>
<td>Chicago, Arthur S. LaPine &amp; Co., Chicago</td>
<td>819 49</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wilkins-Anderson Co., Chicago</td>
<td>444 18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(All prices include delivery)</td>
<td></td>
</tr>
<tr>
<td>One assorted laboratory glassware and apparatus</td>
<td>General Chemical Stores</td>
<td>Chicago Apparatus Co., Chicago</td>
<td>18 215 34</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>96 drums of acetone, C.P., in 54 gallon drums to be delivered at the rate of eight drums per month ending in July, 1959</td>
<td>General Chemical Stores</td>
<td>Central Solvents &amp; Chemical Co., Chicago</td>
<td>4 147 20</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>One sample changer for automatic tri-carb liquid scintillation counter</td>
<td>Chemistry and Chemical Engineering</td>
<td>Packard Instrument Co., Inc., LaGrange</td>
<td>9 600 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., LaGrange</td>
<td></td>
</tr>
<tr>
<td>One control unit for relay rack mounting</td>
<td>Chemistry and Chemical Engineering</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>9 400 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., Palo Alto, Calif.</td>
<td></td>
</tr>
<tr>
<td>One field conversion accessory to convert V-4002 dual purpose spectrometer to V-4002 dual purpose spectrometer, including all parts and engineering services for conversion</td>
<td>Chemistry and Chemical Engineering</td>
<td>Radiation Equipment Co., Chicago</td>
<td>9 370 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., Norristown, Pa.</td>
<td></td>
</tr>
<tr>
<td>One X-ray unit, industrial type, portable, 200 k.V.P., complete with control</td>
<td>Civil Engineering</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>4 395 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., Palo Alto, Calif.</td>
<td></td>
</tr>
<tr>
<td>One Varian model V-4002 four-inch laboratory electromagnet with two extra pairs of pole caps, one V-2500A power supply, and one V-2301A current regulator</td>
<td>Electrical Engineering</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>4 395 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., Palo Alto, Calif.</td>
<td></td>
</tr>
<tr>
<td>Approximately 600 cases of Pyrex laboratory glassware to be used by the Chicago Colleges and Divisions in the year of 1958-59</td>
<td>Chicago Colleges and Divisions</td>
<td>Fisher Scientific Co., Chicago (100 cases)</td>
<td>3 500 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chicago (100 cases)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>W. M. Welch Manufacturing Co., Chicago</td>
<td>3 500 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(100 cases)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>A. Daigger &amp; Co., Chicago (100 cases)</td>
<td>3 500 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Raecher &amp; Betzold Co., Chicago (100 cases)</td>
<td>3 500 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Arthur S. LaPine &amp; Co., Chicago (100 cases)</td>
<td>3 500 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Central Scientific Co., Chicago (100 cases)</td>
<td>3 500 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chicago (100 cases)</td>
<td></td>
</tr>
<tr>
<td>Eight microscopes each with accessories</td>
<td>Dermatology</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>2 952 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>Refrigerated centrifuge and accessories</td>
<td>Medicine, Surgery</td>
<td>A. S. Aloe &amp; Co., Chicago</td>
<td>5 608 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>Ten monocular laboratory microscopes, less trade-in allowance on one used microscope</td>
<td>Medicine, Microbiology</td>
<td>American Hospital Supply Corp., Evanston</td>
<td>2 594 50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>22,000 special enfold patient chart folders (numbered)</td>
<td>Medical Records, Research and Educational Hospitals</td>
<td>Diebold, Inc., Chicago</td>
<td>6 648 20</td>
</tr>
<tr>
<td>2,000 special enfold patient chart folders (unnumbered)</td>
<td></td>
<td>f.o.b., delivered</td>
<td></td>
</tr>
<tr>
<td>10,000 admission divider sheets</td>
<td>Mining and Metallurgical</td>
<td>Unitron Instrument Division, United Scientific Co., Boston, Mass.</td>
<td>2 775 60</td>
</tr>
<tr>
<td></td>
<td>Engineering</td>
<td>f.o.b., Boston, Mass.</td>
<td></td>
</tr>
<tr>
<td>12 microscopes metallurgical complete with 5x, 10x, and 40x achromatic objectives, 5x, 10x, and 45x compensating eyepieces, vertical illumination, and cabinet</td>
<td>Physics</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>14 025 00</td>
</tr>
<tr>
<td>One Varian model V-4012A electromagnet with 12 in. diameter poles and 2.84 in. air gap, and one model V-2100B magnet power supply</td>
<td>Physiology</td>
<td>f.o.b., Palo Alto, Calif.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b., Palo Alto, Calif.</td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>Two vidicon, field camera chains and related equipment</td>
<td>Television-Motion Pictures</td>
<td>Radio Corp. of America, Chicago</td>
<td>$32 087 15</td>
</tr>
<tr>
<td>One 6.5 cubic foot sub-zero freezer, 220-volt 60-cycle</td>
<td>Veterinary Medicine</td>
<td>E. H. Sargent &amp; Co., Chicago</td>
<td>2 598 00</td>
</tr>
<tr>
<td>73 16 mm. films</td>
<td>Audio-Visual Aids Service</td>
<td>Encyclopaedia Britannica Films, Inc., Wilmette</td>
<td>7 815 00</td>
</tr>
<tr>
<td>41 16 mm. films</td>
<td>Audio-Visual Aids Service</td>
<td>Mid America Films, Lyons, Wis.</td>
<td>3 595 00</td>
</tr>
<tr>
<td>38 16 mm. films</td>
<td>Audio-Visual Aids Service</td>
<td>United World Films, Inc., New York, N.Y.</td>
<td>3 315 77</td>
</tr>
<tr>
<td>122 16 mm. films</td>
<td>Audio-Visual Aids Service</td>
<td>Coronet Films, Chicago</td>
<td>9 628 75</td>
</tr>
<tr>
<td>78 16 mm. films</td>
<td>Audio-Visual Aids Service</td>
<td>Text-Film Department, McGraw-Hill Book Co., Inc., New York, N.Y.</td>
<td>8 367 50</td>
</tr>
<tr>
<td>500 tons pea size coke to be delivered to the various housing units during the year ending June 30, 1959</td>
<td>Housing, Women's Residence Halls</td>
<td>Mooney Coal Co., Urbana</td>
<td>29 280 00</td>
</tr>
<tr>
<td>160 desk, floor, and table lamps and shades (for Men's Residence Halls)</td>
<td>Housing</td>
<td>L. B. Herbst Corp., Chicago</td>
<td>3 668 40</td>
</tr>
<tr>
<td>750 64 in. by 90 in. blankets and per cent wool, 10 per cent nylon</td>
<td>Housing, Women's Residence Halls</td>
<td>Karloli's, Inc., Chicago</td>
<td>2 992 50</td>
</tr>
<tr>
<td>Plates, sauce dishes, grapefruit nappies, cups and saucers in Cardinal line pattern, Syracuse china</td>
<td>Housing</td>
<td>E. A. Hinrichs &amp; Co., Chicago</td>
<td>3 888 50</td>
</tr>
<tr>
<td>Rugs and pads for public areas and apartments in Men's Residence Halls</td>
<td>Housing</td>
<td>Mandel Brothers, Inc., Chicago</td>
<td>5 126 94</td>
</tr>
<tr>
<td>Stainless steel griddle stand, refrigeration unit, sandwich unit and compreessor, and drink dispenser</td>
<td>Ilini Union</td>
<td>L. B. Herbst Corp., Chicago</td>
<td>4 357 15</td>
</tr>
<tr>
<td>250 cases toilet tissue</td>
<td>Physical Plant</td>
<td>Shorr Paper Products, Inc., Aurora</td>
<td>3 549 07</td>
</tr>
<tr>
<td>400 cases paper towels</td>
<td>Physical Plant</td>
<td>Courtesy Motor Sales, Inc., Chicago (Ford)</td>
<td>4 471 55</td>
</tr>
<tr>
<td>Six four-door sedans</td>
<td>State Natural History Survey</td>
<td>Litsinger Motor Co., Chicago (Ford)</td>
<td>1 927 00</td>
</tr>
<tr>
<td>One four-door sedan with power brakes and power steering</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One four-door, six-passerenger station wagon</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less trade-in allowance for seven four-door sedans in the present University fleet. The four-door station wagon is an addition to the fleet.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ten four-door sedans</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Three station wagons, four-door, eight-passenger</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One pickup truck, one-half ton</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One panel truck, one-half ton</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One truck cab and chassis, 41,000 lb. g.v.w.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less allowance for ten four-door sedans, three station wagons, and one pickup truck, now in the University fleet. The panel truck and truck cab and chassis are additions to the fleet.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Three station wagons, University Ford Sales, Champaign</td>
<td>Physical Plant</td>
<td>Lawder Bros., Inc., Chicago (Ford)</td>
<td>7 325 85</td>
</tr>
<tr>
<td>One four-door sedan</td>
<td></td>
<td>Nine four-door sedans</td>
<td>3 104 61</td>
</tr>
<tr>
<td>Litsinger Motor Co., Chicago (Ford)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One pickup truck</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Courtesy Motor Sales, Inc., Chicago (Ford)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One panel truck</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Harvester Co., Springfield</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Refuse hauling equipment including hoist unit (to be mounted on truck cab and chassis furnished by the University), one 10-cubic yard container, and three 30-cubic yard containers.

Fire, extended coverage, vandalism and malicious mischief insurance for five years, subject to 80 per cent co-insurance covering the Staff Apartment Building, 809 South Marshfield Avenue, Chicago, insurable value $1,450,000, and contents, insurable value $50,000.

One rotary table, two axes, with angular accuracies of better than one minute on both axes.

5,184 pounds reagent grade anhydrous ether

2,640 pounds reagent grade acetone

4,310 pounds reagent grade chloroform

4,500 pounds reagent grade methyl alcohol

800 reams (54,800 pounds) enamel book paper

One lot of equipment to adapt University of Illinois Simplex projectors to widescreen cinemascope and magoptical prints including screen, lenses, and plates.

One Simplex optical sound system

On motion of Mr. Williamson, these purchases were authorized.

**COMPTROLLER’S REPORT OF CONTRACTS**

(25) The Comptroller’s report of contracts executed during the period June 1 to 30, 1958.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board of Education, LaSalle-Peru High School and Junior College, District No. 120</td>
<td>School survey</td>
<td>$ 350 00</td>
<td>May 26, 1958</td>
</tr>
<tr>
<td>California Spray-Chemical Corp.</td>
<td>Fungicides on diseases of apples and grapes</td>
<td>300 00</td>
<td>June 1, 1958</td>
</tr>
<tr>
<td>Massachusetts Institute of Technology</td>
<td>Collection of severe local storm data</td>
<td>5 000 00</td>
<td>May 1, 1958</td>
</tr>
<tr>
<td>Mayflower Warehousemen’s Association</td>
<td>Determine what relationships exist between salesmen compensation plans used and the sale volume achieved</td>
<td>3 450 00</td>
<td>June 24, 1958</td>
</tr>
<tr>
<td>Village of Rantoul</td>
<td>Fiscal and control system of an incorporated village</td>
<td>4 000 00</td>
<td>June 4, 1958</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Confidential</td>
<td>50 000 00</td>
<td>May 8, 1958</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Crystallography and morphology of martensites and of the properties of dislocations in crystals</td>
<td>91 858 00</td>
<td>April 16, 1958</td>
</tr>
<tr>
<td>United States Army</td>
<td>Reactions of nitrogen II oxide</td>
<td>7 298 50</td>
<td>June 5, 1958</td>
</tr>
<tr>
<td>United States Army</td>
<td>Conduct a correlated electrochemical and morphological study of epithelial surfaces of the oral cavity</td>
<td>3 725 00</td>
<td>May 1, 1958</td>
</tr>
<tr>
<td>United States Navy</td>
<td>Improve and develop a method of pulpotomy</td>
<td>12 000 00</td>
<td>May 12, 1958</td>
</tr>
<tr>
<td>State University of Iowa</td>
<td>Develop a rational method for the evaluation of stiffness parameters, damping coefficients, and equivalent masses for missile launching platforms</td>
<td>$ 8 535 00</td>
<td>May 20, 1958</td>
</tr>
</tbody>
</table>
Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moorman Manufacturing Co.</td>
<td>Nutritional quality of pig starter rations</td>
<td>$2,600.00</td>
<td>June 1, 1958</td>
</tr>
<tr>
<td>State of Illinois State Housing Board</td>
<td>Analysis of proposed planning programs for Illinois municipalities of less than 25,000 population</td>
<td>$3,000.00</td>
<td>June 12, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 18(600)-50</td>
<td>Physiological basis for various constituents in survival rations</td>
<td>$4,200.00</td>
<td>June 12, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 18(603)-22</td>
<td>Diffusion and phase changes in metals with internal friction techniques</td>
<td>$21,805.00</td>
<td>April 4, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 18(603)-106</td>
<td>Diffusion in metals</td>
<td>$25,000.00</td>
<td>April 14, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 29(601)-464</td>
<td>Analysis and design of domes, arches, and shells</td>
<td>$49,961.00</td>
<td>April 29, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 29(601)-468</td>
<td>Static and dynamic testing of deep structural elements</td>
<td>$59,041.00</td>
<td>April 29, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-874</td>
<td>Nucleophilic attack of aromatic rings by organometallic compounds</td>
<td>$8,008.00</td>
<td>June 9, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-992</td>
<td>Phenomenon of superconductivity</td>
<td>$34,300.00</td>
<td>June 12, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-1001</td>
<td>Conduction of electricity in solids</td>
<td>$21,260.00</td>
<td>June 18, 1958</td>
</tr>
<tr>
<td>United States Army DA-49-007-MD-622</td>
<td>Enzymatic activity of salivary glands</td>
<td>$9,455.00</td>
<td>May 1, 1958</td>
</tr>
<tr>
<td>United States Army DA-49-007-MD-728</td>
<td>Effects of irradiated foods included in a ration fed to dogs</td>
<td>$26,679.00</td>
<td>May 16, 1958</td>
</tr>
<tr>
<td>United States Army DA-49-007-MD-794</td>
<td>Carcinogenicity of foods preserved by radiation</td>
<td>$16,424.00</td>
<td>April 1, 1958</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11)-1-57 Project No. 17</td>
<td>Effects of intragastric irradiation with beta rays</td>
<td>$2,687.00</td>
<td>June 19, 1958</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11)-1-182</td>
<td>Radiation damage to solid materials</td>
<td>$165,910.00</td>
<td>May 21, 1958</td>
</tr>
<tr>
<td>United States Navy No orl-071-60</td>
<td>Solving problems by high-speed electronic computers</td>
<td>$32,510.00</td>
<td>May 6, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(19)</td>
<td>Dielectric and semiconducting solids</td>
<td>$6,000.00</td>
<td>May 1, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(22)</td>
<td>Design, construct, and operate equipment for the observation of the radio frequency spectra</td>
<td>$200,000.00</td>
<td>March 1, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-2395 (50)</td>
<td>Tracking data on the earth-satellite orbit</td>
<td>$1,000.00</td>
<td>May 19, 1958</td>
</tr>
<tr>
<td>Wyandotte Chemicals Corp., Air Force sub-contract, AF 33(616)-5051</td>
<td>Synthesis of liquids</td>
<td>$6,000.00</td>
<td>May 27, 1958</td>
</tr>
</tbody>
</table>

Adjustments Made in 1957-58 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. T. Drewitch (Plastering)</td>
<td>Thirty-one items; $1,18,39 deduct to $567.00</td>
<td>$1,567.44</td>
<td>May and June, 1958</td>
</tr>
</tbody>
</table>

This report was received for record.

REPORT OF EXECUTIVE COMMITTEE ON CONTRACT FOR ENGINEERING SERVICES ON CONSTRUCTION OF PARKING FACILITIES

(26) Upon recommendation of the Director of the Physical Plant, the Vice-President and Comptroller, and the President of the University, the Executive Committee of the Board of Trustees has authorized a contract with Clark, Daily, and Dietz, Urbana, for engineering services in the preparation of plans and specifications for the new, permanent parking areas for faculty and staff, and parking compounds for storage of student automobiles, construction of which was previously authorized by the Board of Trustees. The amount of the contract was negotiated on a lump sum basis. The rates to be charged are in accordance with the schedule of recommended fees for engineering services adopted by the Illinois Society of Professional Engineers. The contract provides for percentages based...
on varying volumes of work and takes into account work completed by the
Physical Plant Department. The total fee will be about 3.84 per cent of the
total construction cost but will not exceed $15,000.

This report was received for record.

**CONTRACT FOR CONSTRUCTION OF PARKING LOTS**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $375,450 to the Champaign Asphalt Company, Champaign, the lowest bidder, for the construction of the following parking lots on the campus at Urbana-Champaign:

- **Burrill Avenue Improvements**
  - $57,000
  - This will include the widening of Burrill Avenue to a paved width of 60 feet between Green Street and Springfield Avenue, except for the bridge over the “Boneyard,” and will provide right angle parking for 141 cars.

- **Staff Parking Lots**
  - $98,700
  - This will include expansion and construction of new parking areas north of the Men's Old Gymnasium and on the west side of Romine Street (at the southeast area of Illinois Field); east of Davenport Hall; northwest of Bever Hall—Home Economics; and north and south of George Huff Gymnasium. These areas will provide spaces for 353 cars.

- **Student Parking Compounds**
  - $177,550
  - This will include the construction of two parking compounds for student cars each providing approximately 350 spaces. One will be west of First Street between Florida Avenue extended and St. Mary’s Road; the other will be east of Goodwin Avenue extended and south of Florida Avenue.

- **Lighting for above areas**
  - $41,300
  - **Total**
  - $375,450

The University of Illinois Foundation will borrow the funds to finance these improvements. The University will finance the construction temporarily and upon completion of the improvements the University will sell the lots to the Foundation for $440,000. The Foundation will borrow this amount from the First National Bank of Chicago for 3 1/2 per cent interest per year with semi-annual maturities through 1964. The Foundation will lease the lots to the University for $90,000 a year which will be sufficient to amortize principal and interest payments on the amount borrowed. University payments will be from the income from special fees charged student car owners and rental paid for staff for reserved parking spaces.

The First National Bank of Chicago previously agreed to a loan of $400,000 to finance these improvements and the University of Illinois Foundation has approved the program. Preliminary negotiations with the bank indicate that the bank is willing to increase the loan to $440,000. Formal resolutions relating to this financing will be drafted for adoption by the Board of Trustees at its meeting in September.

An assignment of funds to the Physical Plant Department will be required for the operation and maintenance of these parking areas and a recommendation on this will also be submitted to the Board later.

I recommend that the Board of Trustees approve these financial arrangements and the award of a contract to the Champaign Asphalt Company.

On motion of Mr. Hughes, this financing program was authorized, and the contract was awarded, as recommended, by the following vote:

- Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

**NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1958-59**

(28) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1958,
unless otherwise indicated, and request that the President of the University be authorized to make such additional appointments and other changes, and to accept resignations, as are desirable and necessary.

Appointments of Professors and Associate Professors are on indefinite tenure; all others are for one year from September 1, 1958, unless otherwise stated. New appointments are so indicated.

Summary

<table>
<thead>
<tr>
<th>Department</th>
<th>1957-58</th>
<th>1958-59</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anatomy</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Biological Chemistry</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Clinical Science</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Dermatology</td>
<td>24 (2)*</td>
<td>22 (2)</td>
</tr>
<tr>
<td>Medical Social Work</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Medicine</td>
<td>236 (21)</td>
<td>270 (20)</td>
</tr>
<tr>
<td>Microbiology</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Neurology and Neurological Surgery</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td>Obstetrics and Gynecology</td>
<td>90 (3)</td>
<td>89 (3)</td>
</tr>
<tr>
<td>Ophthalmology</td>
<td>60 (2)</td>
<td>65 (2)</td>
</tr>
<tr>
<td>Orthopaedic Surgery</td>
<td>23 (2)</td>
<td>26 (1)</td>
</tr>
<tr>
<td>Otolaryngology</td>
<td>67 (6)</td>
<td>68 (6)</td>
</tr>
<tr>
<td>Pathology</td>
<td>35</td>
<td>33 (1)</td>
</tr>
<tr>
<td>Pediatrics</td>
<td>60 (4)</td>
<td>62 (5)</td>
</tr>
<tr>
<td>Pharmacology</td>
<td>3</td>
<td>4 (1)</td>
</tr>
<tr>
<td>Physical Medicine and Rehabilitation</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Physiology</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Preventive Medicine</td>
<td>2</td>
<td>3 (1)</td>
</tr>
<tr>
<td>Psychiatry</td>
<td>96 (4)</td>
<td>90 (4)</td>
</tr>
<tr>
<td>Public Health</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Radiology</td>
<td>17</td>
<td>21</td>
</tr>
<tr>
<td>Surgery (including Urology and Anesthesiology)</td>
<td>189 (11)</td>
<td>189 (13)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>934 (55)</td>
<td>985 (59)</td>
</tr>
</tbody>
</table>

Anatomy

GUSTAV ZECHEL, Clinical Associate Professor
PHILIP CASELLA, Clinical Assistant Professor
ARTHUR F. CIPOLLA, Clinical Assistant Professor
LAWRENCE G. KHEDROO, Clinical Assistant Professor
FRANK A. VICARI, Clinical Assistant Professor

Biological Chemistry

DOUGLAS A. MACFADYEN, Professor
MAX K. HORWITT, Associate Professor
SYJERD B. BONTING, Assistant Professor
HOWARD H. SKY-PECK, Assistant Professor
GORDON S. STEWART, Assistant Professor

Clinical Science

CARL A. JOHNSON, Assistant Professor
TSUNG-MIN LIN, Assistant Professor
KAO HWANG, Research Associate
GEORGE E. PARK, Research Associate
DANIEL S. STEVENS, Research Associate

Dermatology

MICHAEL EBERT, Clinical Professor (Rush), Emeritus
JAMES H. MITCHELL, Clinical Professor (Rush), Emeritus
LEONARD F. WEBER, Clinical Professor
CLARK W. FINNERUD, Clinical Associate Professor (Rush)

* The figures in parentheses indicate the number of emeritus members.
IRENE NEUHAUSER, Clinical Associate Professor
ALBERT H. SLEPYAN, Clinical Associate Professor
SHELDON BARSKY, Clinical Assistant Professor
SANDER W. BECKER, Jr., Clinical Assistant Professor
ROBERT W. FALK, Clinical Assistant Professor
PAUL R. GRIFFITH, Clinical Assistant Professor
JOHN B. HAEBERLIN, Jr., Clinical Assistant Professor
MILTON ROBIN, Clinical Assistant Professor
LOUIS RUBIN, Clinical Assistant Professor
FRANCIS W. HETREED, Clinical Associate
STEVEN BIELONSKI, Clinical Instructor
ALLEN S. PEARL, Jr., Clinical Instructor
HAROLD M. SPINKA, Clinical Instructor
CORNELIUS A. VANDERLAAN, Clinical Instructor
VICTOR WILLIAMS, Clinical Instructor
BERNARD YAFFE, Clinical Instructor
ROBERT H. HARDING, Clinical Assistant (one year from July 1, 1958)

Medical Social Work
JOSEPHINE G. TAYLOR, Clinical Assistant Professor

Medicine
WALTER C. ALVAREZ, Lecturer with rank of Professor, Emeritus
AARON ARKIN, Clinical Professor (Rush), Emeritus
S. HOWARD ARMSTRONG, Jr., Professor
JAMES A. CAMPELL, Professor
JAMES B. EYERLY, Clinical Professor (Rush)
MORRIS FISHER, Lecturer with rank of Professor (Rush), Emeritus
ELLIS B. FREILICH, Clinical Professor, Emeritus
WILLIAM G. HIBBS, Clinical Professor (Rush), Emeritus
WILLIAM S. HOFFMAN, Lecturer with rank of Professor
ERNEST E. IRONS, Clinical Professor (Rush), Emeritus
FRANK B. KELLY, Clinical Professor (Rush)
HAROLD C. LUETH, Clinical Professor
KARL H. PFUETZE, Clinical Professor
WILBER E. POST, Clinical Professor (Rush), Emeritus
BENZ. RAPPAPORT, Clinical Professor
LEROY H. SLOAN, Clinical Professor
SHELDON BLESS, Clinical Professor, Emeritus
WILLIAM A. THOMAS, Clinical Professor (Rush), Emeritus
ALBERT VANDERKLOOT, Clinical Professor
MELVIN L. AfREMON, Clinical Associate Professor
LYLE A. BAKER, Clinical Associate Professor
EVAN M. BARTON, Clinical Associate Professor (Rush)
ARTHUR BERNSTEIN, Clinical Associate Professor
RICHARD B. CAPP, Clinical Associate Professor
LOUIS FELDMAN, Clinical Associate Professor
JACOB W. FISCHER, Clinical Associate Professor
MURRAY FRANKLIN, Clinical Associate Professor
BENJAMIN GOLDBERG, Clinical Associate Professor, Emeritus
JOHN S. GRAETTINGER, Associate Professor
EARLE GRAY, Clinical Associate Professor (Rush)
ALVA A. KNIGHT, Clinical Associate Professor (Rush), Emeritus
ROBERT O. LEVITT, Clinical Associate Professor
MEYER R. LICHTENSTEIN, Clinical Associate Professor
CLAYTON J. LUNDY, Clinical Associate Professor (Rush)
FRANK B. LUSK, Clinical Associate Professor, Emeritus

1 Also Resident at Research and Educational Hospitals.
2 Also Resident at Presbyterian-St. Luke's Hospital.
3 Also Resident at Illinois Eye and Ear Infirmary.
4 Also Resident at Research and Educational Hospitals assigned to Illinois Institute of Juvenile Research.
J. Charles McMillan, Jr., Clinical Associate Professor
Milton M. Mosko, Clinical Associate Professor
Cesby F. Paul, Clinical Associate Professor
Samuel Perlstein, Clinical Associate Professor, Emeritus
Isadore Pilot, Clinical Associate Professor
Isidore A. Rabens, Clinical Associate Professor, Emeritus
Samuel H. Rosenblum, Clinical Associate Professor
William Saphir, Clinical Associate Professor
Theodore B. Schwartz, Associate Professor
Howard M. Sheaff, Clinical Associate Professor (Rush), Emeritus
Mitchell A. Spellberg, Clinical Associate Professor
Irving E. Steck, Promotion to Clinical Associate Professor
George W. Stuppy, Clinical Associate Professor (Rush)
Eugene F. Traut, Clinical Associate Professor (Rush)
Ralph W. Trimmer, Clinical Associate Professor (Rush)
Howard Wakefield, Clinical Associate Professor
William L. Wood, Clinical Associate Professor (Rush)
Osmund H. Arey, Clinical Assistant Professor
Leo E. Amtman, Clinical Assistant Professor, Emeritus
Carl F. Baumeister, Clinical Assistant Professor
Paul L. Bedinger, Clinical Assistant Professor
Max Berg, Clinical Assistant Professor
George H. Berryman, Clinical Assistant Professor
Herbert C. Bruhaus, Clinical Assistant Professor (Rush)
Ralph G. Brown, Clinical Assistant Professor
George V. Byfield, Clinical Assistant Professor
Thomas J. Coogan, Clinical Assistant Professor
Angelo P. Creuzos, Clinical Assistant Professor
Theodore R. Dakin, Clinical Assistant Professor
Hugo O. Deuss, Lecturer with rank of Assistant Professor
Norman J. Ehrlich, Clinical Assistant Professor
Sanford A. Franzblau, Clinical Assistant Professor
John A. Gardiner, Clinical Assistant Professor (Rush), Emeritus
Aaron Gunther, Clinical Assistant Professor
William J. Hand, Clinical Assistant Professor
Paul Heller, Clinical Assistant Professor
Benjamin H. Hilkevitch, Clinical Assistant Professor (Rush), Emeritus
Harvey Horowitz, Clinical Assistant Professor
Harry L. Hunter, Clinical Assistant Professor
Edwin N. Irons, Clinical Assistant Professor
Roland L. Kessler, Clinical Assistant Professor (Rush)
Janet R. Kinney, Clinical Assistant Professor
Roy J. Korn, Clinical Assistant Professor
Sheldon E. Krasnow, Clinical Assistant Professor
Grant H. Laing, Clinical Assistant Professor
Charles H. Lawrence, Clinical Assistant Professor
Herman A. Levy, Clinical Assistant Professor
Warren C. Lewis, Clinical Assistant Professor
Jerome S. Mehlman, Clinical Assistant Professor
John R. Necheles, Clinical Assistant Professor
Bertram G. Nelson, Clinical Assistant Professor (Rush)
Benjamin Pearlman, Clinical Assistant Professor
Lawrence Perlman, Clinical Assistant Professor
Theodore Z. Polley, Clinical Assistant Professor
John Post, Clinical Assistant Professor (Rush)
Oldrich Preé, Lecturer with rank of Assistant Professor
Margorie M. Pyle, Clinical Assistant Professor
Paul Ravenna, Clinical Assistant Professor
Alfred H. Rosenblum, Clinical Assistant Professor
Anthony R. Sapienza, Clinical Assistant Professor
Armin F. Schick, Clinical Assistant Professor (Rush)
James A. Schoenberger, Clinical Assistant Professor
Irvin S. Siglin, Clinical Assistant Professor
ELIZABETH K. STRAUS, Lecturer with rank of Assistant Professor (Rush)
FRANK E. TROBAUGH, JR., Assistant Professor
GRAHAM A. VANCE, Clinical Assistant Professor
Seymour W. Weisberg, Clinical Assistant Professor
EDWARD O. WILLOUGHBY, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
HARRY J. YELLEN, Clinical Assistant Professor
SIMON ZIVIN, Clinical Assistant Professor
THOMAS A. BAIRD, Clinical Associate (Rush)
FRED E. BALL, Clinical Associate
GEORGE P. BALLARD, Clinical Associate
LIONEL M. BERNESTEIN, Clinical Associate
ALBIN M. BRIELEY, Clinical Associate
DONALD T. FOXXWORTHY, Clinical Associate
RAYMOND M. GALT, Clinical Associate
MORTON A. GOLDMANN, Clinical Associate
EUGENE GROEZ, Clinical Associate, Emeritus
CARL A. HEDBLOM, Jr., Clinical Associate
ROBERT N. HEGGES, Clinical Associate
WALTER F. HOEPNER, Clinical Associate
BENJAMIN M. KAPLAN, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
JOHN M. LEVITSKY, Lecturer with rank of Associate
LESTER A. NALEFSKI, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
ROBERT M. POSKE, Clinical Associate
HELEN L. RIETTA, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
IRA L. SCHNAER, Clinical Associate
HAROLD SCHOLMAN, Clinical Associate
J. LISLE WILLIAMS, Associate, Emeritus
MAURICE M. ALBALA, Clinical Instructor
BERTHE E. ARMSTRONG, Clinical Instructor
DAVID BALDWIN, Clinical Instructor
ROBERT J. BECKER, Clinical Instructor
RAY F. BEERS, Jr., Clinical Instructor
BERNARD BREITZER, Clinical Instructor
WILLIAM E. BREITZ, Clinical Instructor
DAVID BRONSKY, Clinical Instructor
ROBERT W. CARTON, Clinical Instructor
JOHN L. CIRZAN, Clinical Instructor
JOSEPH A. COHEN, Clinical Instructor
DOUGLAS DAVID, Clinical Instructor
CHARLES S. DAVIS, Instructor (one year from July 1, 1958)
JOSEPH A. DAVIS, Clinical Instructor
GEORGE A. DEJONG, Clinical Instructor
JOHN A. DETWEILER, Clinical Instructor
HENRY D. DEYOUNG, Clinical Instructor
BERNARD D. EDDIN, Clinical Instructor
PETER J. FARAGO, Clinical Instructor
ROBERT E. FELIX, Instructor
ELMER W. FISHMAN, Clinical Instructor
THOMAS J. FITZPATRICK, Clinical Instructor
ROBERT A. FOLEY, Instructor (one year from July 1, 1958)
RONALD E. FOX, Instructor
WILLIAM I. FREUD, Clinical Instructor
GERHARD FREUND, Clinical Instructor
ROBERT C. FRUTZ, Clinical Instructor
CLARENCE L. GANTT, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
CHARLES A. GIANASI, Clinical Instructor
IRVING GREENSPAN, Clinical Instructor
LUKE J. GRIMELLI, Clinical Instructor
ROLF M. GUNNAR, Clinical Instructor (on leave of absence from July 1, 1958, through June 30, 1959)

JULIUS A. GURVEY, Clinical Instructor

THOMAS H. HAYES, Clinical Instructor

ROBERT N. HEDGES, Jr., Clinical Instructor

ROBERT L. HERTING, Clinical Instructor

WILLIAM H. HIGHTSTONE, Clinical Instructor

NATHAN J. IGLITZEN, Clinical Instructor

RODNEY A. JAMIESON, Clinical Instructor

LOUIS C. JOHNSTON, Clinical Instructor

FRANK W. JONES, Clinical Instructor

JOHN C. JONES, Clinical Instructor

PHILIP N. JONES, Clinical Instructor

FRANK B. KELLY, Jr., Clinical Instructor

WALLACE W. KIRKLAND, Jr., Clinical Instructor

SAMUEL KLEIN, Clinical Instructor

SYDNEY KOFMAN, Clinical Instructor

BRUCE D. LEE, Clinical Instructor

AUDLEY R. MAMBY, Clinical Instructor

RANDALL L. MANN, Instructor (one year from July 1, 1958)²

ROBERT A. MARKELZ, Clinical Instructor

SAMUEL MATLIN, Clinical Instructor

PETER S. MAYER, Clinical Instructor

PAUL A. MEREDITH, Clinical Instructor

THOMAS MORRISON, Clinical Instructor

ROBERT C. MUEHRCKE, Instructor

JOSEPH J. MUENSTER, Jr., Instructor

RICHARD H. NEAL, Clinical Instructor

EDWARD A. NEWMAN, Clinical Instructor

JOSHUA ODEN, Jr., Clinical Instructor

LEONARD OHRINGER, Clinical Instructor

ROBERT L. PARSONS, Instructor (one year from July 1, 1958)²

CHARLES P. PERLIA, Clinical Instructor

WILLIAM H. PHELAN, Clinical Instructor (fourteen months from July 1, 1958)

ANITA ROBBINS, Clinical Instructor

PATRICK E. ROMANO, Clinical Instructor

DEAN S. ROSSET, Clinical Instructor

SEYMOUR R. SALBERG, Clinical Instructor

RALPH A. SCALA, Clinical Instructor

ROBERT B. SCHLESINGER, Clinical Instructor

WILLIAM E. SCHWIED, Clinical Instructor

WILLIAM K. SCUPHAM, Clinical Instructor

ROBERT E. SLAYTON, Clinical Instructor

LEONARD S. SLUZYNKSI, Clinical Instructor

MARTIAL J. SNAPP, Clinical Instructor

WILLIAM R. STARR, Clinical Instructor

HARRY B. STONE, Clinical Instructor

JEROME F. STRAUSS, Jr., Clinical Instructor

DONALD W. TARAS, Clinical Instructor

KASRIEL TAUSK, Clinical Instructor

RAYMOND TEPLITZ, Instructor (one year from July 1, 1958)²

CHESTER B. THRIFT, Clinical Instructor

ALSTON C. TWISS, Clinical Instructor

CHARLES S. VIL, Clinical Instructor

EARL A. VONDRASEK, Clinical Instructor

ERNEST G. WARNER, Instructor (one year from July 1, 1958)³

JACK WILLIAMS, Clinical Instructor

EDWARD J. WISS, Clinical Instructor

CHARLES K. WOLFE, Jr., Clinical Instructor

JAMES R. ZVETINA, Clinical Instructor

BURTON R. ANDERSEN, Assistant (one year from July 1, 1958)²

WILLIAM J. ANDREWS, Clinical Assistant

WARREN C. BARRON, Assistant (one year from July 1, 1958)²
PHILIP E. BLATT, Assistant (one year from July 1, 1958)
CARROLL F. BOYLES, Assistant (one year from July 1, 1958)
HENRY CHUNG, Research Assistant (one year from July 1, 1958)
JOYCE G. CLEARHUE, Clinical Assistant (six months from July 1, 1958)
HUNTER O. CUTTING, Clinical Assistant
J. CALVIN DAVIS III, Assistant (one year from July 1, 1958)
ROBERT E. DEDMON, Assistant (one year from July 1, 1958)
MICHAEL M. DIgilio, Clinical Assistant
ROBERT E. ECKLUND, Assistant (one year from July 1, 1958)
PETER G. ECONOMOU, Assistant (one year from July 1, 1958)
ALESSANDRO EMANUELI, Research Assistant (one year from July 1, 1958)
MARY P. FARNES, Assistant (one year from July 1, 1958)
WILLIAM E. FISHMAN, Assistant (one year from July 1, 1958)
GEORGE C. FLANAGAN, Assistant (one year from July 1, 1958)
RAIMOND G. GAILITIS, Clinical Assistant (on leave of absence for military service)
THEODORE H. GASTEYER, Assistant (one year from July 1, 1958)
GEORGE B. GOLINKIN, JR., Clinical Assistant
JEROME J. HAHN, Assistant (one year from July 1, 1958)
PAUL K. HANASHIRO, Assistant (one year from July 1, 1958)
ALEN HOFFMAN, Clinical Assistant
ALBERT W. HOLMES, JR., Assistant (one year from July 1, 1958)
ERNEST G. KAGANIEC, Clinical Assistant
LEONARD Kogan, Assistant (one year from July 1, 1958)
EUGENE S. KRASNOW, Clinical Assistant
JOHN C. KUKRAL, Clinical Assistant
JOHN C. KULIS, Clinical Assistant
JERRY P. LEWIS, Assistant (one year from July 1, 1958)
HYMAN MACKLER, Assistant (one year from July 1, 1958)
PATRICIA ANN McCREADY, Clinical Assistant
VIDVUDS MEDENIS, Clinical Assistant
ALLEN MEYER, Research Assistant (one year from July 1, 1958)
GEORGE A. NELSON, Assistant (one year from July 1, 1958)
LOUIS M. NEWTON, Assistant (one year from July 1, 1958)
JOSEPH R. NORA, Clinical Assistant
RALPH PACINI, Clinical Assistant
JOHN H. PETERS, Research Assistant (one year from July 1, 1958)
ARTHUR R. PETERSON, Assistant (one year from July 1, 1958)
WILLIAM J. PIEPER, Assistant (one year from July 1, 1958)
GOLOCESTER A. PRICE, Jr., Clinical Assistant
CALVIN RABIN, Clinical Assistant
MARVIN S. ROSENBERG, Clinical Assistant
WILL G. RYAN, Assistant (one year from July 1, 1958)
JACK W. SHIELDS, Clinical Assistant
JAMES P. SHOMAKER, Assistant (one year from July 1, 1958)
HA RO LD B. SHRIFTER, Clinical Assistant (on leave of absence for military service)
ANGELO TOIO, Clinical Assistant
SHERMAN WEISSMAN, Assistant (one year from July 1, 1958)

Microbiology
GEORGE F. FORSTER, Lecturer with rank of Assistant Professor
RALPH H. HUBBLE, Lecturer with rank of Instructor

Neurology and Neurological Surgery
LOREN W. AVERY, Clinical Professor of Neurology (Rush)
BEN W. LICHTENSTEIN, Clinical Professor of Neurology
ARTHUR ARNOLD, Clinical Assistant Professor of Neurological Surgery
CHARLES S. TEXTOR II, Clinical Assistant Professor of Neurological Surgery
BEAUMONT JOHNSON II, Clinical Associate in Neurological Surgery
NATHAN ZOLT, Clinical Associate
VIRGINIA SORUM, Clinical Instructor in Neurology
WILLIAM ALLEN, Assistant
OBSTETRICS AND GYNECOLOGY

EDWARD D. ALLEN, Clinical Professor (Rush)
HARRY BOYSEN, Clinical Professor (Rush)
ABRAHAM A. LASH, Clinical Professor
EUGENE A. EDWARDS, Clinical Associate Professor
ARTHUR H. KLAWS, Clinical Associate Professor (Rush)
ALFRED J. KOB, Clinical Associate Professor
FRED OWEN PRIEST, Clinical Associate Professor (Rush)
GEORGE H. REZER, Clinical Associate Professor
JOHN R. WOLFF, Clinical Associate Professor
RICHARD H. ANDRESEN, Clinical Assistant Professor
HUGO CARL BAUM, Clinical Assistant Professor (Rush)
SOL J. BENSONSOHN, Clinical Assistant Professor
MICHAEL H. BOLY, Clinical Assistant Professor
CLAIR M. CAREY, Clinical Assistant Professor
AUGUST F. DAKO, Clinical Assistant Professor
SOL T. DELEE, Clinical Assistant Professor
CECIL DRA, Clinical Assistant Professor (Rush)
DEANE M. FARLEY, Clinical Assistant Professor
JAMES P. FITZGIBBONS, Clinical Assistant Professor
ROBERT J. GLENNER, Clinical Assistant Professor
WALTER C. HAMMOND, Assistant Professor, Emeritus
CHARLES D. KRAUSE, Clinical Assistant Professor
JOHN MICHAEL LANG, Assistant Professor, Emeritus
RICHARD A. LIEVENDAHL, Clinical Assistant Professor
ROCCO V. LOSRAICO, Clinical Assistant Professor
JOHN S. LONG, Clinical Assistant Professor
ARMAND J. MAUZ, Clinical Assistant Professor
JOHN W. PAYNE, Clinical Assistant Professor
LOWELL F. PETERSON, Clinical Assistant Professor
FREDERICK J. ROOS, Clinical Assistant Professor
HARRY SERED, Clinical Assistant Professor
C. OTIS SMITH, Clinical Assistant Professor
MANUEL SPIEGEL, Clinical Assistant Professor
FRANK LEE STONE, Assistant Professor, Emeritus
JOSEPH B. TETON, Clinical Assistant Professor
HARRY K. WADDINGTON, Clinical Assistant Professor
FRANK J. WALSH, Clinical Assistant Professor
ROBERT A. BEEBE, Clinical Associate
GEORGE C. FINOLA, Clinical Associate
JOSEPH S. ANGEL, Clinical Instructor
OTTO S. ESPINOSA, Instructor (one year from July 1, 1958)
HARVEY A. GOLLIN, Clinical Instructor
BERNARD M. KAYE, Clinical Instructor
VINCENT A. LAVERI, Clinical Instructor
JOHN C. MASON, Jr., Instructor (one year from July 1, 1958)
THEODORE C. MOUZAKIOTIS, Clinical Instructor
JOSEPH J. MULLEN, Clinical Instructor
EDWIN E. NYMAN, Clinical Instructor
PAUL G. PAPATHWOODOU, Instructor (one year from July 1, 1958)
MICHAEL P. PILL, Clinical Instructor
MEYER D. RUTGARD, Clinical Instructor
JACK A. SAMSON, Clinical Instructor
HUGH A. SANDERS, Instructor (one year from July 1, 1958)
ROY R. SHOA, Instructor (one year from July 1, 1958)
SEYMOUR SHOLDER, Clinical Instructor
HAROLD E. SMITH, Clinical Instructor
ROBERT G. STONE, Clinical Instructor
EDGAR B. SYLVESTER, Clinical Instructor
VASIL TRUCHLY, Instructor (one year from July 1, 1958)
GEORGE P. VLASIS, Clinical Instructor
LAVERN M. WALLHEISER, Clinical Instructor
ALVYN F. WIERSMA, Clinical Instructor
JOHN A. AIMONE, Clinical Assistant
JOHN F. BARTELS, Clinical Assistant
EDMOND M. BROPHY, Assistant (one year from July 1, 1958)
PAUL A. CAPELLI, Assistant (one year from July 1, 1958)
CHILIANO E. CASAL, Assistant (one year from July 1, 1958)
DELOS E. COZAD, Clinical Assistant
ANDREW V. DAHLBERG, Clinical Assistant
CAROL M. DENIC, Assistant (one year from July 1, 1958)
DONALD M. FAHRENBACK, Clinical Assistant
EDWIN L. FALLOON, Clinical Assistant
MARIO A. IRIGOYES, Clinical Assistant
ELMER J. JUSTEMA, Jr., Clinical Assistant
SYDNEY C. KAHN, Clinical Assistant
ANTHONY J. KEWICK, Clinical Assistant
JOHN R. KOSTELNY, Clinical Assistant
WILBUR J. MARCHALL, Assistant (one year from July 1, 1958)
ADRIAN R. OLECK, Clinical Assistant
GEORGE PEPPER, Assistant (one year from July 1, 1958)
PHILANDER RICKS, Jr., Assistant (one year from July 1, 1958)
MARVIN A. ROSSNER, Clinical Assistant
MELVIN I. ROTH, Assistant (one year from July 1, 1958)
PETER SIEGEL, Assistant (one year from July 1, 1958)
JAMES A. SINGLETON, Assistant (one year from July 1, 1958)
LAWRENCE J. SYKORA, Clinical Assistant
NATHAN TOLWINESKY, Clinical Assistant
NANCY C. TREADWELL, Clinical Assistant
BRUCE P. ZUMMO, Clinical Assistant

Ophthalmology

WILLIAM F. HUGHES, Clinical Professor
WILLIAM F. MONCREIFF, Clinical Professor (Rush)
CARL APPLE, Clinical Associate Professor
EAM C. FOWLER, Clinical Associate Professor (Rush), Emeritus
JOSEPH S. HAAS, Clinical Associate Professor
DANIEL SYNDACKER, Clinical Associate Professor
GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist, Emerita
THEODORE N. ZEKMAN, Clinical Associate Professor
JAMES W. CLARK, Clinical Assistant Professor
LOUIS PINEBERG, Clinical Assistant Professor
NATHAN H. FOX, Clinical Assistant Professor
ROBERT R. HERBST, Clinical Assistant Professor
GILBERT ISER, Clinical Assistant Professor
HAROLD Q. KIRK, Clinical Assistant Professor
DAVID B. MAHER, Clinical Assistant Professor
H. ISABELLE MCGARRY, Clinical Assistant Professor
G. HENRY MUNDT, Jr., Clinical Assistant Professor
EDWARD A. PUSHKIN, Clinical Assistant Professor
WILLIAM ROSENBERG, Clinical Assistant Professor
SAMUEL M. SCHALL, Clinical Assistant Professor
KARL I. SCHERIBEL, Clinical Assistant Professor (Rush)
MANUEL L. STILLERMAN, Clinical Assistant Professor
MARTIN J. URIST, Clinical Assistant Professor
EDWARD T. JONES, Clinical Associate
VERNON M. LEECH, Clinical Associate (Rush)
BOARD OF TRUSTEES

EARL H. MERZ, Clinical Associate
ROBERT L. ALLEN, Clinical Instructor
WALTER L. BAYARD, Clinical Instructor
MICHAEL CARROLL, Clinical Instructor
JOHN R. CASSADY, Clinical Instructor
WILLIAM DEUTSCH, Clinical Instructor
ROBERT I. FIRESTONE, Instructor
GEORGE T. FITZGERALD, Clinical Instructor
MARVIN D. HENRY, Clinical Instructor
ALDONA A. JUSKA, Clinical Instructor
ALEXANDER N. LETKO, Instructor
ARTHUR LIGHT, Clinical Instructor
VALDO P. OLEARI, Clinical Instructor
JUDITH V. PERRY, Clinical Instructor
ABRAHAM SCHULTZ, Clinical Instructor
BARBARA SPIRO, Clinical Instructor
JOSEPH TATAR, Clinical Instructor
ALBERT TENNENBAUM, Clinical Instructor
JACK TRESLEY, Clinical Instructor
JOHN J. WALSH, Clinical Instructor
EDWIN S. WOOD, Clinical Instructor
NOEL A. BOOK, Assistant (six months from July 1, 1958)
EDWIN F. BRACHMAN, Assistant (one year from July 1, 1958)
VIVIAN A. CATION, Assistant (six months from July 1, 1958)
LETTICIA M. ENRILE, Assistant (six months from July 1, 1958)
EDWARD FLICK, Assistant (six months from July 1, 1958)
MARTIN A. FLYNN, Assistant (six months from July 1, 1958)
SHERWIN A. FOX, Assistant (one year from July 1, 1958)
LAWRENCE N. FRAZIN, Assistant (one year from July 1, 1958)
HAR M. FREEMAN, Assistant (one year from July 1, 1958)
DENNIS HARRIS, Assistant (one year from July 1, 1958)
LEO W. LAKRITZ, Assistant (six months from July 1, 1958)
IRWIN MENACHOF, Assistant (one year from July 1, 1958)
JOHN O. MINIER, Assistant (six months from July 1, 1958)
NORBERT J. NOWICKI, Assistant (one year from July 1, 1958)
BURTON A. RUSSMAN, Assistant (six months from July 1, 1958)
CARL SCHMIDT, Assistant (one year from July 1, 1958)
JOHN B. TURNBULL, Assistant (one year from July 1, 1958)
DAVID C. WHITSELL, Assistant (one year from July 1, 1958)

Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, Emeritus
CARLO S. SCUDERI, Clinical Associate Professor
KURT EICHELBAUM, Clinical Assistant Professor
WALTER R. FISCHER, Clinical Assistant Professor
WILLIAM A. MARSHALL, Clinical Assistant Professor
LEO F. MILLER, Clinical Assistant Professor
FRED SHAPIRO, Clinical Assistant Professor (Rush)
HORACE E. TURNER, Clinical Assistant Professor
EVERETT A. GRUMMER, Clinical Associate
TAWFIK Y. SABET, Research Associate
JAMES P. AHSTROM, Clinical Instructor
LAWRENCE J. BOWNESS, Clinical Instructor
RICHARD M. CRONIN, Clinical Instructor
FREDERICK C. FEILER, Instructor (one year from July 1, 1958)
CHARLES E. GAVIN, Instructor (one year from July 1, 1958)
ROBERT P. MEANY, Clinical Instructor
ALBERT J. NOVOTNY, Clinical Instructor
CLIFFORD O. NYMAN, Clinical Instructor
RAYMOND J. PELLICORE, Clinical Instructor
IRWIN B. RICH, Clinical Instructor
ELLSWORTH H. TANNEHILL, Clinical Instructor
LOUIS S. VARZINO, Clinical Instructor (Rush)
BRIAN H. HUNCKE, Assistant (one year from July 1, 1958)
WILLIAM F. McCOLL, Jr., Assistant (one year from July 1, 1958)
WILLIAM H. NEWMAN, Clinical Assistant
ANTONI TRIAS, Assistant (one year from July 1, 1958)

Otology

DANIEL HAYDEN, Clinical Professor (Rush), Emeritus
ABRAHAM HOLLENDER, Professor, Emeritus
WALTER THEOBALD, Clinical Professor, Emeritus
OLIVER E. VANALYEA, Clinical Professor, Emeritus
ALBERT H. ANDREWS, Jr., Clinical Associate Professor
OSCAR BECKER, Clinical Associate Professor
WALTER W. DALITSCH, Clinical Associate Professor
STANTON A. FRIEDBERG, Clinical Associate Professor (Rush)
ROBERT HENNER, Clinical Associate Professor
KENNETH C. JOHNSTON, Clinical Associate Professor
G. KENNETH LEWIS, Clinical Associate Professor
GEORGE S. LIVINGSTON, Clinical Associate Professor
SAMUEL MORWITZ, Clinical Associate Professor, Emeritus
LINDELL WALLNER, Clinical Associate Professor (Rush)
RICHARD WATKINS, Clinical Associate Professor, Emeritus
WALTER BLUMENTHAL, Clinical Assistant Professor
EDWARD CHAIN, Clinical Assistant Professor
ARTHUR COOMBS, Clinical Assistant Professor
CLIFFORD L. DOUGHERTY, Clinical Assistant Professor
ELMER A. FRIEDMAN, Clinical Assistant Professor
LOIS GREENE, Clinical Assistant Professor
IRWIN HORWITZ, Clinical Assistant Professor
NORMAN LESHI, Clinical Assistant Professor
ROBERT LEWY, Clinical Assistant Professor
LEO SATZ, Clinical Assistant Professor
LOUIS SAVITT, Clinical Assistant Professor
FRANK WOJNIAK, Clinical Assistant Professor (Rush)
I. ERLIN BARTLETT, Clinical Associate
BRUNO BLUMKLOTZ, Clinical Associate
ARTHUR LOEWY, Clinical Associate
JOSEPH ORRICO, Clinical Associate
ARTHUR RATKO, Clinical Associate
HARRY K. SINGH, Clinical Associate
WILLIAM SMILEY, Clinical Associate
PIERCE W. THEOBALD, Clinical Associate
JOHN WEIDEMANN, Clinical Associate
DAVID AUSTIN, Clinical Instructor
ROBERT BORKENHAGEN, Clinical Instructor
DAVID O. DODGE, Clinical Instructor
JEANNETTE FRASIER, Clinical Instructor in Audiology
JOSEPH GYORKEY, Clinical Instructor
COLETTE JANETTE, Clinical Instructor
ANDREAS KODROS, Clinical Instructor
ROLAND KOWAL, Clinical Instructor
MILTON E. CURTH, Clinical Instructor
MARIO MANSUETO, Clinical Instructor
ATHANASSIOS PANAGIPOULOS, Clinical Instructor
EDWARD RAZIM, Clinical Instructor
KARL H. SEDENTOP, Clinical Instructor
KURT SPRINGER, Clinical Instructor
CHARLES J. YAST, Clinical Instructor
KENJI AMI, Assistant
BURL BAXTER, Assistant (one year from July 1, 1958)
RALPH CASCIANO, Assistant (one year from July 1, 1958)
GEORGE CONNER, Assistant
BOARD OF TRUSTEES

Pierre deBlois, Assistant
Jose Ferrer, Assistant
Gerald Guemmer, Clinical Assistant
A. Lawrence Lemp, Assistant (one year from July 1, 1958)
Denio Maurizi, Assistant (one year from July 1, 1958)
Phillip Mozzer, Assistant
Thaddeus S. Pierzynski, Assistant (one year from July 1, 1958)
Robert Fornoy, Assistant
Joyce Schild, Assistant (one year from July 1, 1958)
Lawrence Shapiro, Assistant
Aldo Siruqo, Assistant
Louis Tent, Assistant (one year from July 1, 1958)
Richard Underriner, Assistant (on leave of absence for military service)

Pathology

George M. Hass, Professor
Lester S. King, Clinical Professor
Charles E. Cahn-Bronner, Professorial Lecturer, Emeritus
Harold A. Grimm, Clinical Associate Professor
Jerry J. Kearns, Clinical Associate Professor
Aaron Learner, Clinical Associate Professor
Coye C. Mason, Clinical Associate Professor
C. Bruce Taylor, Associate Professor
Dorothy Fishbaugh, Clinical Assistant Professor
Frederic Fiore, Lecturer in Legal Medicine with rank of Assistant Professor
Franz E. Hirsch, Lecturer with rank of Clinical Assistant Professor
Robert V. Hoffman, Jr., Clinical Assistant Professor
Grant C. Johnson, Clinical Assistant Professor
Albert I. Rubenstein, Clinical Assistant Professor
Albert W. Schweitzer, Clinical Assistant Professor
Joseph C. Sherrick, Clinical Assistant Professor
James R. Thompson, Clinical Assistant Professor
Paul A. Van Pernis, Clinical Assistant Professor
John E. Maloney, Clinical Associate
Arnold Brown, Jr., Instructor (one year from July 1, 1958)
Raymond A. Clasen, Instructor (one year from July 1, 1958)
Robert H. Edwards, Instructor (one year from July 1, 1958)
Harvey Fried, Instructor (one year from July 1, 1958)
James E. Habegger, Clinical Instructor
Marilyn J. O'Brien, Instructor (one year from July 1, 1958)
Adolph J. Rabinovitz, Clinical Instructor
Richard Trueheart, Instructor (one year from July 1, 1958)
Jonas Valantis, Clinical Instructor
Robert Alexander, Assistant (one year from July 1, 1958)
George E. Cox, Assistant (one year from July 1, 1958)
Edward Downs, Assistant (one year from July 1, 1958)
Reuben Eisenstein, Assistant (one year from July 1, 1958)
Morris Librach, Assistant (one year from July 1, 1958)

Pediatrics

Is. Pat Bronstein, Clinical Professor
Craig D. Butler, Clinical Professor (Rush)
Benjamin M. Gasul, Clinical Professor
Joseph Greengard, Clinical Professor
Clifford Gruelle, Clinical Professor (Rush), Emeritus
Archibald L. Hoyne, Clinical Professor (Rush), Emeritus
Hugh McCulloch, Lecturer with rank of Professor, Emeritus
Frederic C. Moll, Professor
Alfred De Bard Biggs, Clinical Associate Professor
Louis J. Halferin, Clinical Associate Professor
C. Jack Harrison, Clinical Associate Professor (Rush)
Samuel J. Hoffman, Clinical Associate Professor
HARRY LEICHER, Clinical Associate Professor
DANIEL J. PACHMAN, Clinical Associate Professor
IRVING B. RICHTER, Clinical Associate Professor
NOEL G. SHAW, Clinical Associate Professor (Rush)
CHARLES K. STULTZ, Clinical Associate Professor (Rush), Emeritus
DOROTHY H. WEILKER, Clinical Associate Professor
LESTER E. BOWER, Clinical Assistant Professor, Emeritus
LAWRENCE BRELOW, Clinical Assistant Professor
E. H. CHRISTOPHERSON, Clinical Assistant Professor
WOODRUFF L. CRAWFORD, Clinical Assistant Professor
WARREN R. DAMMERS, Clinical Assistant Professor
WERNER K. GOTTLSTEIN, Clinical Assistant Professor
JOHN B. HALL, Clinical Assistant Professor
MILDRED R. JACKSON, Clinical Associate Professor
HARRY KRAVITZ, Clinical Assistant Professor
HERMAN B. LANNER, Clinical Assistant Professor
MATTHEW LEWISON, Clinical Assistant Professor (Rush)
HOMER S. PARKER, Clinical Assistant Professor
MILDRED J. POLNIAZIEK, Clinical Assistant Professor
MARTIN SACKS, Clinical Assistant Professor
THOMAS P. SALTIEL, Clinical Assistant Professor
IRENE SHMIGELSKY, Clinical Assistant Professor
SAMUEL THOMAS, Clinical Assistant Professor
NORMAN T. WELFORD, Clinical Assistant Professor (Rush)
A. A. WOLF, Clinical Assistant Professor
SAMUEL C. HENN, Clinical Associate
CHARLES E. STEVAN, Clinical Associate
HANS G. BUCHELERS, Instructor
MARY DOCHIOS, Clinical Instructor
LEON GARDNER, Clinical Instructor
HELEN HAYDEN, Clinical Instructor
ELVIRA H. KATELE, Clinical Instructor
ELIZABETH KELLER, Clinical Instructor
HOWARD J. LEVINE, Clinical Instructor
JEROME J. LUBIN, Clinical Instructor
RONALD B. MACK, Clinical Instructor
JOHN J. MARINO, Clinical Instructor
HARRY T. NAGEL, Clinical Instructor
BRUCE B. NEWMAN, Clinical Instructor
KENNETH S. NOLAN, Clinical Instructor
FREDERICK L. PHILLIPS, Clinical Instructor
ALYDA R. RATAJEK, Clinical Instructor
VLASTIMIL VELA, Clinical Instructor
ROBERT E. WILLIAMS, Clinical Instructor
DANUTA BUDZYGAN, Assistant¹
ALAN J. CAMIN, Assistant¹
MOHAMAD R. MOINFAR, Assistant¹
ANGELES PAPAIOANOU, Assistant¹
PURIFICACION R. DEL ROSARIO, Assistant¹
ERNST I. YAHIRO, Assistant¹

Pharmacology

VICTOR A. DRILL, Lecturer with rank of Professor
HARRIS ISBELL, Lecturer with rank of Professor
HUGH A. McGUIGAN, Professor, Emeritus
WILLIAM H. FUNDERBURK, Lecturer with rank of Assistant Professor

Physical Medicine and Rehabilitation

H. WORLEY KENDELL, Clinical Professor
EDWARD E. GORDON, Clinical Associate Professor
MAXWELL D. FLANK, Clinical Assistant Professor
Physiology

Lathan A. Crandall, Jr., Lecturer with rank of Professor
Harold E. Himwich, Lecturer with rank of Professor
Chester W. Darrow, Associate Professor
Neena B. Schwartz, Lecturer with rank of Assistant Professor

Preventive Medicine

Thomas G. Hull, Associate Professor, Emeritus
Harold W. Speis, Clinical Assistant Professor
Harold Steinberg, Clinical Assistant Professor

Psychiatry

Ralph Hamill, Clinical Professor (Rush), Emeritus
David Shakow, Lecturer with rank of Professor
Morris Braude, Clinical Associate Professor (Rush), Emeritus
Harry Hoffman, Clinical Associate Professor (Rush), Emeritus
Donald A. R. Morrison, Clinical Associate Professor
Marianne Simmel, Clinical Associate Professor of Psychology
Alfred Solomon, Clinical Associate Professor
Jack Weinberg, Clinical Associate Professor
Orville S. Walters, Lecturer with rank of Associate Professor (beginning August 1, 1958; annual appointment without indefinite tenure)

James M. Alexander, Clinical Assistant Professor
Harold Balikov, Clinical Assistant Professor
Milton C. Baumann, Clinical Assistant Professor
Helen Beiser, Clinical Assistant Professor
E. Eliot Benezra, Clinical Assistant Professor
Anne Benjamin, Clinical Assistant Professor
Leon Bernstein, Clinical Assistant Professor
Bernard Block, Clinical Assistant Professor
David Brockman, Clinical Assistant Professor
James A. Butttner, Clinical Assistant Professor
Pauline Cooke, Clinical Assistant Professor
Alfred Flarsheim, Clinical Assistant Professor
Harold A. Greenberg, Clinical Assistant Professor
Louis Halperin, Clinical Assistant Professor
John W. Hanni, Clinical Assistant Professor
David Harman, Clinical Assistant Professor
Irving Harris, Clinical Assistant Professor
Walter Kitt, Clinical Assistant Professor
Richard Koenig, Clinical Assistant Professor
Robert H. Koff, Clinical Assistant Professor
John C. Lee, Clinical Assistant Professor
Samuel Liebman, Clinical Assistant Professor
Joan Longini, Clinical Assistant Professor
Robert G. McMillan, Clinical Assistant Professor
Warren G. McPherson, Clinical Assistant Professor
Marjorie Mehan, Clinical Assistant Professor
Arthur A. Miller, Clinical Assistant Professor
William H. Murray, Clinical Assistant Professor
Joseph G. Nemecek, Clinical Assistant Professor
Melvin D. Nueldeman, Clinical Assistant Professor
Erich Paschkes, Clinical Assistant Professor
Jacob Paskind, Clinical Assistant Professor, Emeritus
George Perkins, Clinical Assistant Professor
Clifton Rhead, Clinical Assistant Professor
Alan Robertson, Clinical Assistant Professor
Raymond Robertson, Clinical Assistant Professor
Morris M. Rosenthal, Clinical Assistant Professor
Harry R. Rowe, Clinical Assistant Professor
Lester H. Rudy, Clinical Assistant Professor
HENRY L. RUHR, Clinical Assistant Professor
MARIA BROKEYE Schwartz, Clinical Assistant Professor
HARRY M. SEGENREICH, Clinical Assistant Professor
MORRIS SKLANSKY, Clinical Assistant Professor
W. DAVID STEED, Clinical Assistant Professor
ROBERT L. STEWART, Clinical Assistant Professor
VIRGINIA TARLOW, Clinical Assistant Professor
THOMAS TOURLENDES, Clinical Assistant Professor
SAMUEL VICTOR, Clinical Assistant Professor
WILLIAM WEIDORF, Clinical Assistant Professor
ROBERT E. WESTFALL, Clinical Assistant Professor
DONOVAN G. WRIGHT, Clinical Assistant Professor
VICTOR ZIELINSKI, Clinical Assistant Professor
CLARESA ARMSTRONG, Clinical Instructor
DAVID BARRON, Clinical Instructor
LOWELL GOODMAN, Clinical Instructor
NAHMAN H. GREENBERG, Instructor (one year from July 1, 1958)
DAVID P. GROSS, Clinical Instructor
FREDERICK V. GWYER, Clinical Instructor
JOHN E. HALASZ, Clinical Instructor
MARCIA GOLD HUGHES, Clinical Instructor
CHARLES KRAMER, Clinical Instructor
WAN-HO CHAO LEE, Clinical Instructor of Psychology
BERNARD LIFSON, Clinical Instructor
NORMA MASON, Clinical Instructor
VICTOR MINTEK, Clinical Instructor
EVAN MOORE, Clinical Instructor
FRANCES PERCE, Clinical Instructor of Psychology
SARAH R. PESKIND, Clinical Instructor of Psychology
BARRA ROHAC, Instructor (one year from July 1, 1958)
ARTHUR SABLE, Clinical Instructor
MARIAN TOLPIN, Clinical Instructor
DAVID W. BUCK, Assistant (one year from July 1, 1958)
ELAINE CHONG, Assistant (one year from July 1, 1958)
SYDNEY B. EISEN, Assistant
ARTHUR S. ELSTEIN, Assistant in Psychology
DONALD D. SCHWARTZ, Assistant (one year from July 1, 1958)
JOSE PEREZ VILLAR, Assistant (one year from July 1, 1958)
ARTHUR A. WOLOSHIIN, Assistant (one year from July 1, 1958)
EVA FISHELL, Research Assistant (one year from July 1, 1958)

Public Health
EDWARD A. PISZCZEK, Clinical Associate Professor
HERBERT K. ABRAMS, Clinical Assistant Professor
CLARENCE W. KLASSEN, Assistant Professor
HERBERT E. MCDANIELS, Assistant Professor
KENNETH M. MORSE, Lecturer with rank of Assistant Professor
W. FRANKLIN DAVE, Research Associate

Radiology
FAY H. SQUIRE, Professor (Rush)
DAVID BEILIN, Clinical Associate Professor
RICHARD E. BUENGER, Associate Professor
JOHN W. CLARK, Associate Professor
BENJAMIN BRAUN, Clinical Assistant Professor
FRANK R. HENDRICKSON, Assistant Professor
JULIUS HEYDEMANN, Clinical Assistant Professor
SAMUEL LEADER, Clinical Assistant Professor
NATHAN STARKMAN, Clinical Assistant Professor
AUDREY WILSON, Clinical Assistant Professor
ALFRED J. BROOKS, Instructor
ALBERT FISH, Instructor
FRANK L. HUSSEY, Instructor
VIRGINIA N. PATTERSON, Instructor
EDMUND RINGUS, Instructor
GEORGE B. GREENFIELD, Assistant
JOHN R. HARTMAN, Assistant
JOHN S. LEARY, Assistant (on leave of absence for military service)
SHELDON MILLER, Assistant

SURGERY

HILLIER L. BAKER, Clinical Professor (Rush), Emeritus
ARIE BAMBERGER, Clinical Professor, Emeritus
EDWARD J. BEATTIE, Jr., Professor
VERNON C. DAVID, Professor (Rush), Emeritus
EGBERT H. FELL, Clinical Professor (Rush)
RICHARD K. GILCHRIST, Clinical Professor (Rush)
PAUL W. GREELY, Clinical Professor
HILGER P. JENKINS, Clinical Professor
SELIM W. McARTHUR, Clinical Professor, Emeritus
EDWIN M. MILLER, Clinical Professor (Rush), Emeritus
OSCAR E. NADEAU, Clinical Professor, Emeritus
NELSON M. PERCY, Professor, Emeritus
FRANCIS H. STRAUS, Clinical Professor (Rush)
CARL B. DAVIS, Jr., Clinical Associate Professor
ARTHUR E. DIGGS, Clinical Associate Professor (Rush)
WILLIAM S. DYE, Jr., Clinical Associate Professor
EARL GARDSE, Clinical Associate Professor
CHESTER C. GUY, Clinical Associate Professor
WILLIAM H. HAZLETT, Clinical Associate Professor, Emeritus
ROBERT J. JENSIK, Clinical Associate Professor
FRANK J. JIRKA, Associate Professor, Emeritus
JOHN D. KOUCKY, Clinical Associate Professor
HIRAM T. LANGSTON, Clinical Associate Professor
STANLEY E. LAWTON, Clinical Associate Professor (Rush)
WILL F. LYON, Clinical Associate Professor, Emeritus
FOSTER L. McMILLAN, Clinical Associate Professor
CLARENCE MONROE, Clinical Associate Professor (Rush)
PAUL H. J. E. ODEN, Associate Professor, Emeritus
JOHN OLWIN, Clinical Associate Professor (Rush)
MORRIS L. PARKER, Clinical Associate Professor
LOUIS W. SCHULTZ, Clinical Associate Professor of Oral Surgery
LINDON SEED, Clinical Associate Professor
HARRY W. SOUTHWICK, Clinical Associate Professor
EVERETT L. STROHL, Clinical Associate Professor
FRANK V. THEIS, Clinical Associate Professor (Rush)
PHILIP THOREK, Clinical Associate Professor
CARL O. ALMQVIST, Clinical Assistant Professor
SIDNEY BLACK, Clinical Assistant Professor
CHARLES D. BRANCH, Clinical Assistant Professor
C. DAVID BROWN, Clinical Assistant Professor
JAMES H. CROS, Clinical Assistant Professor
WILLIS G. DIFFENBAUGH, Clinical Assistant Professor
WARD H. EASTMAN, Clinical Assistant Professor
MELVIN I. GIBBEL, Clinical Assistant Professor
RAYMOND GREEN, Clinical Assistant Professor
RUSSELL C. HANSELMAN, Clinical Assistant Professor
HARRY G. HARDT, Jr., Clinical Assistant Professor
ROBERT A. HESS, Clinical Assistant Professor
CARL IRENEUS, Jr., Clinical Assistant Professor
BURTON C. KILBOURNE, Clinical Assistant Professor
KENNETH L. MATSON, Clinical Assistant Professor
HAROLD I. MEYER, Clinical Assistant Professor
GEORGE A. OLANDER, Clinical Assistant Professor
JOHN R. ORNDORFF, Clinical Assistant Professor
JOHN H. PRIBBLE, Clinical Assistant Professor
WILLIAM L. RIKER, Clinical Assistant Professor
HAROLD A. ROTH, Clinical Assistant Professor
PHILIP SHAMBAUGH, Clinical Assistant Professor
WILLIAM D. SHOREY, Clinical Assistant Professor
ROBERT F. STOKES, Clinical Assistant Professor
MILAN M. WASICK, Clinical Assistant Professor
CARL Y. WERELIUS, Clinical Assistant Professor
JOHN R. ORNDORFF, Clinical Assistant Professor
CARL Y. WERELIUS, Clinical Assistant Professor
LEON J. WITKOWSKI, Clinical Associate
WALTER L. BARKER, Instructor
ROBERT G. CANNON, Clinical Instructor
JOSEPH P. CANNON, Clinical Instructor
NOBLE CORRELL, Clinical Instructor
GILBERT W. DOUGLAS, Clinical Instructor
JOHN W. FRISCH, Clinical Instructor (from July 1, 1958, through August 31, 1959)
VERNON L. GUynn, Clinical Instructor
RONALD G. HALEY, Clinical Instructor
HOWARD M. HAMLIN, Clinical Instructor
IAN W. D. HENDerson, Instructor
JAMES A. HUNTER, Instructor (one year from July 1, 1958)
VERNON Z. HUTCHINGS, Clinical Instructor
ROBERT W. JAMESON, Clinical Instructor
JOHANNES M. J. JENSEN, Clinical Instructor
ANDREW KIRSTEINS, Clinical Instructor
FRANCIS E. KNOCK, Instructor
ALLAN M. LANSING, Instructor (one year from July 1, 1958)
M. OMA R. LEWIS, Instructor (one year from July 1, 1958)
ROBERT O. LEWIS, Instructor
WILLIAM E. LOOBY, Clinical Instructor
JOSEPH R. MANDREW, Instructor
FRANK J. MILLOY, Jr., Clinical Instructor
CHARLES J. MOCK, Clinical Instructor
HARRY E. MOCK, Jr., Clinical Instructor
VINCENT P. MUENSTER, Instructor
JOHN W. OTTEN, Clinical Instructor
JOHN C. PARROTT, Instructor
GEORGE L. PASTNACK, Clinical Instructor
HAROLD A. PAUL, Instructor
MARTIN PEPPER, Clinical Instructor
RICHARD C. POWERS, Clinical Instructor
MORRIS M. PROFFITT, Clinical Instructor
ALFRED RAMMUSSEN, Clinical Instructor
HOWARD G. REISER, Clinical Instructor
OLIVER V. RENAUD, Instructor
THOMAS SELLERT, Clinical Instructor
WALTER F. SMAJkal, Clinical Instructor
CARL K. SOLANDER, Clinical Instructor
FRANCIS W. STREHL, Instructor (one year from July 1, 1958)
MILTON WEINBERG, Jr., Clinical Instructor
ROBERT B. WHITE, Clinical Instructor
SOL D. BRAVER, Clinical Assistant (from July 1, 1958, through August 31, 1959)
JACKSON E. CAGLE, JR., Assistant
HORTENSIA DEARMAS, Assistant
L. PENTFIELD FABER, Assistant
GLENN W. FISCUS, Assistant
ANDRES GABEL, Assistant (one year from July 1, 1958)
GORDON H. GLASSFORD, Assistant (one year from July 1, 1958)
KENNETH P. GROVES, Assistant (one year from July 1, 1958)
HERBERT F. IKNAYAN, Assistant

KENNETH E. JOHNSON, Clinical Assistant

CARL E. LORENTZON, Assistant

WILLIAM H. MARSHALL, Assistant

GEORGE A. McDERMOTT, Clinical Assistant

RANDALL E. MCNALLY, Clinical Assistant (one year from July 1, 1958)

RICHARD H. MEYER, Assistant (on leave of absence for military service)

EDWARD G. PAUL, Clinical Assistant

DAVID F. RENDELMAN, Assistant

RICHARD C. SCHULTZ, Assistant (one year from July 1, 1958)

HORACE E. STANSEL, Assistant

E. WILSON STAUB, Assistant (one year from July 1, 1958)

RICHARD A. TARIZZO, Assistant (one year from July 1, 1958)

RICHARD S. WEBB, Jr., Assistant (one year from July 1, 1958)

ARTHUR R. WILLIAMSON, Assistant

MICHAEL F. WITANOWSKI, Clinical Assistant

Division of Urology

WILLIAM J. BAKER, Clinical Professor

NORRIS J. HECKEL, Clinical Professor (Rush)

EDWARD BUCKMAN, Clinical Associate Professor (Rush), Emeritus

THEOPHIL P. GRAUER, Clinical Associate Professor

JAMES W. MERRICKS, Jr., Clinical Associate Professor (Rush)

GEORGE O. BAUMRUCKER, Clinical Assistant Professor

JOSEPH S. DRABANSKI, Clinical Assistant Professor

WILLARD C. MEYER, Clinical Assistant Professor

FRANK B. PAPERNIAK, Clinical Assistant Professor

COLQUITT O. RITCH, Clinical Assistant Professor

FREDERICK SCHACHT, Clinical Assistant Professor

EDWIN C. GRAF, Clinical Associate

JAMES A. CALAMS, Clinical Instructor

DANIEL H. CALLAHAN, Clinical Instructor

THOMAS L. C. COTTERELL, Clinical Instructor

ENGEL DENIZ, Instructor

RAYMOND FIRFER, Clinical Instructor

R. ROSS HAEGER, Clinical Instructor

JAMES C. VALEN'TA, Clinical Instructor

WILLARD J. SMITH, Assistant (one year from July 1, 1958)

IBRAHIM T. SOZER, Assistant (one year from July 1, 1958)

Division of Anesthesiology

PAUL W. SABLOX, Clinical Professor

MARY M. LYONS, Associate Professor (Rush), Emerita

JOHN E. CAWLEY, Clinical Assistant Professor

MYRON J. LEVIN, Clinical Assistant Professor

JOSEPH E. REMLINGER, Clinical Assistant Professor

MILTON J. SCHIFFRIN, Clinical Assistant Professor

JOHN L. SCHMIDT, Clinical Assistant Professor

ARTHUR T. SHIMA, Clinical Assistant Professor

WILMA C. STAFFORD, Clinical Assistant Professor

GWEN GLEAVE, Clinical Instructor

EILEEN HECKEL, Clinical Instructor

DANIEL HECKEL, Clinical Instructor

DAVID KATZ, Clinical Instructor

DAVID G. NELSON, Clinical Instructor

JOHN NELSON, Clinical Instructor

STANKA K. PAPERNIAK, Clinical Instructor

RAYMOND F. ROSE, Clinical Instructor

LESTER SCHWARTZ, Clinical Instructor

DIGBY G. SEYMOUR, Clinical Instructor

MAURICE M. TENNANT, Clinical Instructor

FRANCIS A. TORREY, Clinical Instructor

RASMA V. VITRUNGS, Clinical Instructor

FLORY E. WAGENAAR, Clinical Instructor
HOWARD H. BERLIN, Assistant
NORMA L. BOONE, Assistant (one year from July 1, 1958)
SARA JANE BURCHELL, Assistant
YONNEHAE CHONG, Assistant
JACOB FASSBINDER, Assistant
SHIGERU HATANO, Assistant
FERNANDO R. HERRERA, Assistant
JOSEPH M. HRNIO, Assistant
MARGARET N. KEZDI, Clinical Assistant
LYDIA KURYLAK, Clinical Assistant
PERRY LEE LERNER, Assistant
JOSE MORALES, Assistant
TOMAS I. MUNOZ, Assistant
WILLIAM C. ROBERTSON, Assistant
SAMUEL YELIN, Assistant (one year from July 1, 1958)
RAYMOND ZBICK, Assistant
ROBERT T. HAZINSKI, Assistant

On motion of Mrs. Watkins, these appointments were approved.

APPOINTMENT OF PROFESSOR JOSEPH S. BEGANDO AS ASSISTANT TO THE PRESIDENT

I recommend the appointment of Dr. Joseph S. Begando, now Assistant Dean of the College of Pharmacy and Associate Professor of Pharmacy Administration, as Assistant to the President, effective September 1, 1958, at a salary of $15,000 a year on "Y" basis.

Dr. Begando's academic tenure in the University will continue although he will have no teaching duties under this administrative assignment. As Assistant to the President, his duties will be to represent the President on specific assignments in institutional relations and to assist the President in development activities. He will represent the President in the continuing relationships with the University of Illinois Foundation and the University of Illinois Alumni Association, and in alumni affairs in general. He will work with the University Committee on Institutional Gifts and Development and the University Committee on Institutional Relations. He will assist the President in relationships with advisory committees, civic groups, and constituencies with which liaison must be maintained. He will work closely with faculty and administrative officers in these assignments.

There will be new undertakings in the new position but the appointment will also consolidate a number of assignments which heretofore have been carried directly by the President and other University officers who should be relieved of them.

The appointment will not change the relationship of the President to any present administrative officer.

On motion of Mr. Swain, this appointment was approved.

CHANGES IN DEPOSITS REQUIRED AND FEE REFUNDS AT THE CHICAGO PROFESSIONAL COLLEGES

Officials of the Chicago Professional Colleges and the Committee on Fees recommend the following deposit requirements and fee refund provisions at the Chicago Professional Colleges:

1. A deposit of $60.00 shall be required from all students who are accepted for admission to the Colleges of Medicine and Dentistry within two weeks of the date of their notification of acceptance. (This represents an increase from $15.00 to $60.00 in these two schools. The deposit of $15.00 now in force for the College of Pharmacy will remain, and, as at present, no deposit will be required of students accepted for the School of Nursing.)

2. Deposits received for admission to the Colleges of Dentistry, Medicine, and Pharmacy shall be refunded in full to students admitted to the Colleges of Medicine and Dentistry who request cancellation of admission by January 15 of the year of the applicant's registration in the University, and to students admitted to the College of Pharmacy who request cancellation of admission by September 1 of the year of the applicant's registration.

3. One-third of the deposit, or $20.00, made by students in the Colleges of Medi-
cine and Dentistry who request cancellation of admission by September 1 of the year in which they are to register shall be refunded.

4. Any deposit made shall be refunded in full if the University of Illinois cancels the student's admission.

5. Upon completion of registration of a student in the Colleges of Medicine, Dentistry, or Pharmacy, the deposit on file shall be credited on the tuition and other fees due from the student.

6. The refund provisions at the Chicago Professional Colleges shall be consistent with the refund practice at Urbana, providing for a full refund of fees if a student withdraws during the first ten days of a quarter, a refund of one-half of the fees if the student withdraws after ten days attendance but before one-half of the quarter has elapsed, and no refund if the student withdraws after one-half of the quarter's work has elapsed. This shall apply to all colleges and to the School of Nursing.

It is further recommended that these changes become effective in September, 1959.

I concur.

On motion of Mr. Bissell, these recommendations were approved.

BUILDING PROGRAM FOR 1959-61

I submit herewith the proposed building program for the biennium of 1959-61. Recommendations for state appropriations for operations during the biennium of 1959-61 will be submitted to the Board at a later meeting.

The recommendations for state capital appropriations are based on a report of the University Building Program Committee and after consultation with the University Council. The Building Program Committee has made a thorough canvass of the University's building and related needs. It has been studying these needs in consultation with representatives of the colleges, schools, and departments concerned for several months and has made periodical reports and recommendations to the President of the University. The Committee's final recommendations have also been considered by the Board of Trustees Committees on Buildings and Grounds, General Policy, and Finance.

In order to reflect the comprehensive planning upon which the recommendations are based, I am also submitting for information purposes the Committee's tentative recommendations for 1961-63, and the estimate of building and other capital improvement needs within the total ten-year period from 1959-60.

I now recommend that the Board of Trustees formally approve the program for 1959-61 as submitted herewith for presentation to the Department of Finance, the Illinois Budgetary Commission, and to the officers and committees of the Seventy-first General Assembly of Illinois; and I further recommend that the President of the Board, the Chairmen of the Board Committees on Buildings and Grounds, General Policy, and Finance, and the President of the University be authorized to represent the Board of Trustees in such conferences as may be required in presenting the program to state officials.

On motion of Mr. Williamson, these recommendations were approved and authority was given as requested. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

The building program appears as an appendix to these minutes, on pages 60 to 76.

OCTOBER MEETING OF THE BOARD

President Livingston asked the members of the Board their wishes for the date and place of the October meeting.

On motion of Mr. Nickell, seconded by Mr. Hughes, the Board voted to hold this meeting in Urbana, Illinois, on Friday, October 24.
After further discussion it appeared that this would not be feasible, and on motion of Mr. Nickell, the Board reconsidered its action.

On motion of Mr. Williamson, the Board voted to hold the October meeting on either October 21, 22, or 23, the time and place to be determined by the President and Secretary of the Board after consultation with the Trustees absent from today's meeting and with University officials.

MEETING OF ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES AND ALLIED INSTITUTIONS

President Livingston called attention to the 1958 meeting of the Association of Governing Boards of State Universities and Allied Institutions which will be held at Purdue University, October 15 through 18, and ask if any members of the Board desire to attend as official delegates of the University. After some discussion, President Livingston designated Mrs. Frances B. Watkins, Mr. Earl M. Hughes, and the Secretary of the Board as official delegates, and the Secretary was authorized to make the necessary arrangements for their representation.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence; (6) changes in sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ADAMS, Jack A., Associate Professor of Psychology, June 16-August 31, 1958, $933.33 a month; this is in addition to his present appointment (6-30-58).

ADOLPH, Robert J., Instructor in Medicine (Medicine), two months from July 1, 1958, $583.33 a month (7-9-58); one year from September 1, 1958, $8000 (7-9-58).

ALEXANDER, Eleanor O., Resident Assistant (Allen Hall), ten months from August 18, 1958, $1600; she will also receive board and room furnished for the convenience of the University valued at $31 a month (7-8-58).

ALLDRITT, Keith, Instructor in English, academic year beginning September 1, 1958, $4800 (6-27-58).

ANDERSON, Alan J., Research Associate in Preventive Medicine (Medicine), seven months from June 1, 1958, $670 a month, supersedes (6-27-58).

ANDERSON, John D., Associate Professor of Physiology, June 16-August 9, 1958, $1556; this is in addition to his present appointment (6-16-58).

ANDERSON, William E., Research Assistant in the Institute of Labor and Industrial Relations, two months from June 16, 1958, $800 (7-7-58).

Ariens, Mary H., Instructor in Speech, 3/4 time, academic year beginning September 1, 1958, $4163 (7-2-58).

ARCHER, Jane B., Assistant in Speech, nine months from September 16, 1958, $3000 (6-16-58).

ARMSTRONG, Jack L., Assistant in Horticulture (S), June 16-August 31, 1958, $400 a month (6-27-58).

ASCHBACHER, Helen M., Assistant in English, Summer Session of 1958, June 16-August 9, 1958, $1045 (6-25-58).

Atterbury, Katherine, Assistant Head Resident in Lincoln Avenue Residence (South), ten months from September 1, 1958, $3500; for the convenience of the University she will also be furnished meals valued at $21 a month (6-6-58).

Atterbury, Robert A., Director of Hospital Dental Clinic, on 3/4 time, $1050 a year; Assistant Professor of Surgery (Medicine), without salary, and Assistant Professor of Clinical Dentistry (Dentistry), without salary, March 1,
1958-August 31, 1959; on leave of absence without salary beginning March 1, 1958, and continuing through August 31, 1959; supersedes (5-14-58).
BARTHETZ, ROBERT A., Research Assistant in Radiology (Medicine), June 16-August 31, 1958, $500 a month (6-4-58).
BARKER, ROBERT, Instructor in Biochemistry, Summer Session of 1958, June 16-August 9, 1958, $1223 (6-16-58).
BARNES, FRED P., Professor of Education, June 16-August 9, 1958, $2136; this is in addition to his present appointment (6-16-58).
BARTRAM, HARRAN G. H., Visiting Lecturer in Education (University High School), June 16-August 9, 1958, $1500 (6-6-58).
BATeman, PAUL T., Associate Professor of Mathematics, two months from June 16, 1958, $861.11 a month; this is in addition to his present appointment (7-3-58).
BATES, ROBERT B., Instructor in Organic Chemistry, academic year beginning September 1, 1958, $5500 (6-16-58).
BAUM, BARBARA L., Research Assistant in Education (University High School), June 16-August 9, 1958, $889 (6-5-58); nine months from September 16, 1958, $4250 (7-14-58).
Beberman, MAX, Associate Professor of Education (University High School), June 16-July 18, 1958, and August 18-September 5, 1958, $1733.33; this is in addition to his present appointment (6-5-58).
BECK, PAUL A., Research Professor of Physical Metallurgy (C), two months from June 16, 1958, $1300 a month; this is in addition to his present appointment (6-16-58).
BECK, RICHARD J., Instructor in General Engineering (C), time, academic year beginning September 1, 1958, $2300, superseded (6-16-58).
BECKER, ROBERT A., Professor of Physics, Summer Session of 1958, June 16-August 9, 1958, $2134 (6-6-58).
BEDFORD, RANCIHAH E., Visiting Assistant Professor of Electrical Engineering, Summer Session of 1958, June 16-August 9, 1958, $1245, superseded (6-6-58).
Bessinger, E. C., Instructor in Botany, two months from June 16, 1958, $600 month (7-3-58).
BOBOTEK, HENRY G., Research Associate in the Control Systems Laboratory (S), ¾ time, June 16-August 31, 1958, $375 a month, superseded (6-16-58).
BOHR, ROBERT W., Associate Professor of Metallurgical Engineering (C), two months from June 16, 1958, $844.44 a month; this is in addition to his present appointment (6-16-58).
BOLIN, RICHARD, Instructor in Psychiatry (Medicine), ½ time, July 1, 1958, $500 a month (6-27-58).
BITZER, DONALD L., Research Associate in the Control Systems Laboratory (S), June 16-August 31, 1958, $757 a month, superseded (6-16-58).
BLACKMER, ROY H., Jr., Research Associate in the State Water Survey, one year from July 1, 1958, $3100 (6-16-58).
BLAHOUS, CHARLES P., Jr., Research Assistant in Ceramic Engineering (S), two months from July 1, 1958, $400 a month (6-11-58).
BLISS, LAWRENCE C., Instructor in Botany, two months from June 16, 1958, $600 a month (7-3-58).
BROSER, ARTHUR P., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1958, $1644.44; this is in addition to his present appointment (6-6-58).
BORENS, RICHARD, Instructor in Psychiatry (Medicine), ½ time, July 1, 1958-August 31, 1959, $5000 a year (7-2-58).
BOYD, HERBERT F., Research Associate in the Institute for Research on Exceptional Children, ½ time, June 16-August 9, 1958, $750; this is in addition to his present appointment (7-7-58).
BRAUN, MARGORIE E., Assistant in Veterinary Pathology and Hygiene (College of

BREED, VIRGINIA A., INSTRUCTOR IN AUDIOLOGY (MEDICINE), ONE YEAR FROM SEPTEMBER 1, 1958, $525; FOR HER CONVENIENCE SHE WILL BE FURNISHED ONE MEAL A YEAR WHILE ON DUTY (7-11-58).

BRISKE, JOHN W., PROFESSOR OF CIVIL ENGINEERING AND ASSISTANT HEAD OF THE DEPARTMENT (C), AUGUST 16-AUGUST 31, 1958, $472.22; THIS IS IN ADDITION TO HIS PRESENT APPOINTMENT (7-9-58).

BROWN, THOMAS H., RESEARCH ASSOCIATE IN CHEMISTRY, ONE YEAR FROM SEPTEMBER 1, 1958, $400 (6-30-58).

BRUCE, ANNA K., RESEARCH ASSOCIATE IN EDUCATION (UNIVERSITY HIGH SCHOOL), JUNE 16-AUGUST 31, 1958, $1500 (6-10-58).

BUCHANAN, AURORA, RESEARCH ASSISTANT IN THE INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN, JUNE 16-AUGUST 9, 1958, $800 (6-30-58).
Crank, Floyd L., Assistant Professor of Education, Summer Session of 1958, and Graduate College, June 16-August 9, 1958, $1400, supersedes previous Summer Session appointment (7-2-58).

Crawford, James E., Assistant Manager and Head Resident, Men's Residence Halls, June 15, 1958-August 31, 1958, $3600 a year; for the convenience of the University he will also receive board and room valued at $376 a year (7-9-58).

Cunningham, Mercie, Dancer-in-Residence in Physical Education for Women, four months from December 1, 1958, $500 a month (7-8-58).

Damarin, Fred L., Jr., Research Associate in Psychology, one year from September 1, 1958, $5600 (6-16-58).

DeCourcy, Kimberly J. H., Instructor in Mechanical Engineering (C), June 16-August 31, 1958, $1388.87; this is in addition to his present appointment (6-6-58).

Demoss, Ralph D., Associate Professor of Bacteriology, two months from June 16, 1958, $944.44 a month; this is in addition to his present appointment (6-6-58).

Dial, Jeanne, Research Assistant in Physiology, two months from June 16, 1958, $300 a month (6-16-58).

Dick, Bertram G., Jr., Instructor in Physics, Summer Session of 1958, June 16-August 9, 1958, $1200, supersedes previous Summer Session appointment (6-16-58).

Dickman, Kern W., Research Assistant in the Digital Computer Laboratory, one year from September 1, 1958, $7000 (7-2-58).

Doane, Bennie B., Assistant in Animal Science (C) ½ time, and (S) ½ time, eleven months from October 1, 1958, $4800 a year (7-17-58).

Doob, Raymond S., Visiting Research Associate in Political Science, nine months from September 16, 1958, $4500 (7-2-58).

Dolan, Thomas J., Professor of Theoretical and Applied Mechanics and Head of the Department (C), ½ time, two months from July 1, 1958, $861 a month; this is in addition to his present appointment (6-16-58).

Dorenkamp, John, Assistant in English, nine months from September 16, 1958, $3600 (6-27-58).

Drake, John W., Research Associate in Bacteriology, nine months from October 1, 1958, $7000 a year (6-25-58).

Due, John F., Professor of Economics, Summer Session of 1958, June 16-June 28, 1958 and July 28-August 9, 1958, $1223, supersedes previous Summer Session appointment (7-8-58).

Duncan, Esther, Counselor in Music, Summer Session of 1958, June 12-July 20, 1958, $450; for the convenience of the University she will also be furnished room and board while on duty (6-25-58).

Earnest, Floyd J., Assistant in the Institute of Aviation, June 16-August 9, 1958, $950 (6-25-58).

Eckel, Earl J., Professor of Metallurgical Engineering (C), two months from June 16, 1958, $988.89 a month; this is in addition to his present appointment (6-16-58).

Ehrman, John R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1958, $400 a month (6-10-58).

Ekstrom, John W., Instructor in Art, academic year beginning September 1, 1958, $5000 (6-27-58).

El-Issa, Sab I., Clinical Assistant in Surgery (Medicine), July 1, 1958-August 31, 1958, without salary, supersedes (6-25-58).

Elkin, Stanley, Assistant in English, nine months from September 16, 1958, $3800 (6-27-58).


Epstein, Jeremiah F., Research Associate in Anthropology, two months from July 1, 1958, $447.50 a month (7-8-58).

Erasmus, Charles J., Research Associate in Anthropology, two months from July 1, 1958, $555.55 a month (6-16-58).

Eriksen, Charles W., Associate Professor of Psychology, two months from June 16, 1958, $866.66 a month; this is in addition to his present appointment (6-6-58).

Falk, Werner D., Visiting Lecturer in Philosophy, second semester of the academic year, 1958-59, February 1-June 15, 1959, $5100 (7-2-58).
FARON, LOUIS C., Research Associate in Anthropology, two months from July 1, 1958, $555.55 a month (6-16-58).

FARRAR, NORMA, Head Resident in Allen Hall (South), ten months from September 1, 1958, $4000; for the convenience of the University she will also be furnished room and board valued at $31 a month (6-6-58).

FELLOWS, JULIAN R., Professor of Mechanical Engineering, Summer Session of 1958, $555.55 a month, June 16-August 9, 1958, $1482 (6-27-58).

FERRETTI, ALDO, Research Associate in Chemistry, one year from September 1, 1958, $5700 (7-8-58).

FIEDLER, FRED E., Associate Professor of Psychology, July 25-August 31, 1958, $855.55 a month; this is in addition to his present appointment (6-5-58).

FLEMING, GEORGE, Clinical Instructor in Dermatology (Medicine), July 1, 1958-August 31, 1959, without salary (7-9-58).

FLEMING, KOBENW., Director of the Institute of Labor and Industrial Relations, 1/4 time, June 16-August 15, 1958, $375 a month; this is in addition to his appointment as Professor of Law (6-16-58).

FLORES, SAMSON S., Assistant Professor of Full and Removable Partial Dentures, 1/4 time, and in Postgraduate Studies, 1/4 time (Dentistry), June 21-August 31, 1958, $165.67 a month, supersedes (6-26-58).

FOOTE, BRUCE R., Professor of Music, Summer Session of 1958, June 16-August 9, 1958, $225 a month, supersedes previous Summer Session appointment (6-25-58).

FOSDICK, LLOYD F., Assistant Professor of Physics, Digital Computer Laboratory, 1/2 time, two months from June 16, 1958, $666.66; this is in addition to his present appointment (6-4-58).

GARRETT, R., Professor of Music, Summer Session of 1958, June 16-August 9, 1958, $2178, supersedes previous Summer Session appointment (6-25-58).

GLASSMAT, SIDNEY F., Assistant Professor of Biological Science (Chicago Undergraduate Division), Summer Session of 1958, June 20-August 15, 1958, $1423 (7-14-58).

GOLDEMBERG, JOSE, Research Associate in Physics (C), three months from June 10, 1958, $900 a month (6-4-58).

GREENBERG, MICHAEL J., Instructor in Zoology, academic year beginning September 1, 1958, $5500 (7-2-58).
GRICE, G. ROBERT, Professor of Psychology, two months from June 16, 1958, $1000 a month; this is in addition to his present appointment (6-6-58).

GUPPY, WILLIAM A., Intern in the Student Counseling Service (Chicago Undergraduate Division), seven months from July 1, 1958, $400 a month (7-3-58).

GYERMEK, LASZLO, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1958, $733 a month (6-25-58).

HAFE, HAROLD W., Associate Professor of Psychology, two months from June 16, 1958, $866.66 a month; this is in addition to his present appointment (6-6-58).

HALE, WILLIAM T., Assistant in Education (University High School), July 1-September 5, 1958, $1067 (6-5-58).

HAMP, LERoy R., Associate Professor of Music, Summer Session of 1958, ¾ time, June 16-August 9, 1958, $1175, supersedes previous Summer Session appointment (6-25-58).

HANNI, JOHN W., Clinical Assistant Professor of Psychiatry (Medicine), two months from July 1, 1958, without salary, supersedes (6-27-58).

HARROD, P., JR., Clinical Assistant Professor of Obstetrics and Gynecology (Medicine), July 1-August 31, 1958, without salary (7-11-58).

HAY, RALPH C., Professor of Agricultural Engineering (C), two months from July 1, 1958, $525 a month (7-3-58); Professor of Agricultural Engineering (C), and Coordinator of the International Cooperation Programs, indefinite tenure from September 1, 1958, $11,100 a year (7-3-58).

HEATTER, NANCY L., Architecture Library Assistant, one year from September 1, 1958, $4500 (7-8-58).

HENKEL, DAVID J., Visiting Lecturer in Civil Engineering, Summer Session on 3/10 time, $300, and in the Engineering Experiment Station on 2/10 time, $200, two months from June 16, 1958 (6-16-58).

HILL, JEAN, Assistant to the Dean of Women, one month from August 1, 1958, $400 (6-6-58).

HILSDORF, HUBERT, Research Assistant in Theoretical and Applied Mechanics (C), one year from September 1, 1958, $6000 (6-27-58).

Hoffman, Jarrett D., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and State Natural History Survey), June 9-August 31, 1958, $1011.33 (6-25-58).

HOTT, P. B., Counselor in Music, Summer Session of 1958, June 13-July 21, 1958, $275; for the convenience of the University he will also be furnished room and board while on duty (6-25-58).

Hound, Helen J., Instructor in Speech (Chicago Undergraduate Division), ¾ time, Summer Session of 1958, June 20-August 16, 1958, $1112 (6-16-58).

Huber, Edward A., Research Associate in the Control Systems Laboratory (S), June 16-August 15, 1958, $80 a month, supersedes (6-4-58).

HUGHES, SUSAN A., Resident Assistant in Allen Hall, ten months from August 18, 1958, $1600; she will also be furnished room and board for the convenience of the University valued at $31 a month (7-8-58).


HULL, WILLIAM L., Professor of Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, $2045, supersedes previous Summer Session appointment (6-27-58).

HUNT, J. McVICKER, Professor of Psychology, one month from June 16, 1958, $1444.44; this is in addition to his present appointment (6-6-58).

HUNTER, GEORGE H., Assistant Professor of Music, Summer Session of 1958, June 16-August 9, 1958, $1556, supersedes previous Summer Session appointment (6-25-58).
IBEN, ICKO, JR., Instructor in Physics, Summer Session of 1958, June 16-August 9, 1958, $1000 (6-6-58).

IHRIG, HARRY K., JR., Lecturer in Mechanical Engineering (C), ½ time, academic year beginning September 1, 1958, $1500 (6-16-58).

JACKSON, WILLIAM V., Associate Professor of Library Science, indefinite tenure from September 1, 1958, to render service during each academic year, $8500 a year (6-27-58).

JAIN, SURESH C., Research Associate in Physics (C), June 1-July 15, 1958, $900 (6-4-58).

JAMNIS, Darko, Research Associate in Physics (C), one year from September 1, 1958, $6000 (6-27-58).

JOHNSON, WILLIAM H., Assistant Professor of Animal Science (S), two months from July 1, 1958, $700 a month; this is in addition to his present appointment (6-4-58).

JONES, Louise G., Assistant Editor, with rank of Assistant (Agricultural Experiment Station), July 1, 1958-August 31, 1959, $5000 a year (6-27-58).

KAHAN, Herbert, Research Associate in Clinical Science (Medicine), three months from June 1, 1958, without salary (6-25-58).

KAHARA, Yasuto, Catalog Assistant in the Library, one year from September 1, 1958, $4500 (7-8-58).

KAISER, Dale E., Assistant in Education (University High School), June 16-August 9, 1958, $889 (6-5-58).

KAPPAUF, William E., Professor of Psychology, one month from June 16, 1958, $1133.33; this is in addition to his present appointment (6-6-58).

KARMER, Delbert F., Visiting Research Associate in Civil Engineering (C), nine months from September 16, 1958, $4725 (6-4-58).

KAVINA, George, Visiting Lecturer in Education, Summer Session of 1958, June 16-August 9, 1958, $1300 (6-16-58).

KEENAN, Dorothy, Assistant in Education (Summer Session of 1958 and Graduate College) June 16-August 9, 1958, $750, supersedes previous Summer Session appointment (6-30-58).

KEMMERER, Harleight R., Instructor in Horticulture (College of Agriculture, Extension Service in Agriculture and Home Economics, and Physical Plant), one year from July 1, 1958, $7700 (6-27-58).

KENDIGH, S. Charles, Professor of Zoology, one month from June 16, 1958, $1066.67; this is in addition to his present appointment (6-16-58).

KLAFFERICH, Alfred J., Assistant Professor of Electrical Engineering (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 15, 1958, $1400 (7-7-58).


KOKATNUR, Mohan, Assistant in Food Technology (S), June 16-August 31, 1958, $366.66 a month, supersedes (6-6-58).

KONZO, Seichi, Professor of Mechanical Engineering (C), ½ time, two months from June 16, 1958, $777.78; this is in addition to his present appointment (6-16-58).

KORST, Helmut H., Professor of Mechanical Engineering, Summer Session of 1958, ½ time, June 16-August 9, 1958, $667 (7-5-58).

KOS, Edward S., Instructor in Microbiology (Medicine), one month from August 1, 1958, $6040 a year, and one year from September 1, 1958, $6400 (7-11-58).

KRAMER, Joseph D., Assistant in Biology (Pharmacy), June 30-September 20, 1958, $600 (7-2-58).

LANGEBAERTEL, Ray G., Research Assistant Professor of Chemistry, two months from June 16, 1958, $744.44 a month; this is in addition to his present appointment (6-16-58).

LARSON, Donald A., Assistant in Botany, nine months from September 16, 1958, $3600 (6-27-58).

LEDBETTER, Kenneth, Assistant in English, nine months from September 16, 1958, $3000 (6-27-58).

LEE, H. J., Visiting Lecturer in Music, Summer Session of 1958, June 12-July
23, 1958, $600; for the convenience of the University he will also be furnished room and board, supersedes (6-16-58).

LEICHER, GENE H., Research Assistant in the Digital Computer Laboratory, two months from July 1, 1958, $533.33 a month (6-26-58); and Assistant Professor of Electrical Engineering (C), ½ time, academic year beginning September 1, 1958, $3500 (6-27-58).

LEIN, MARIE E., Assistant Professor of Humanities (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 15, 1958, $1467, supersedes previous Summer Session appointment (7-7-58).

LEPPERT, ELLA, Associate Professor of Education, June 16-July 25, 1958, $1192 (7-2-58).

LEWIS, G. D., Visiting Lecturer in History, Summer Session of 1958, June 16-August 9, 1958, $1400 (6-6-58).

LIAY, LOUIS D., Head Resident and Assistant Manager in the Men's Residence Halls, June 1, 1958-August 31, 1959, $300 a month; for the convenience of the University he will also be furnished room and board valued at $376 a year (6-16-58).

LICHTENBERGER, WILLIAM W., Research Associate in the Control Systems Laboratory (S), June 16-August 31, 1958, $570.83 a month, supersedes (6-27-58).

LICHTER, EDWARD A., Research Assistant in Medicine (Medicine), June 16, 1958-June 30, 1959, $4400 a year (6-16-58).

LIEBERMAN, DAVID S., Associate Professor of Metallurgical Engineering (C), two months from June 16, 1958, $816.67 a month; this is in addition to his present appointment (6-16-58).

LIMA, ANDRE E., Clinical Assistant in Surgery (Medicine), two months from July 1, 1958, without salary, supersedes (6-25-58).

LYCHYK, Neonila, Assistant in the Division of Anesthesiology, Department of Surgery (Medicine), July 1, 1958-June 30, 1959, without salary (7-11-58).

LYNCH, KENNETH R., Research Associate in Chemistry, one year from October 1, 1958, $5700 (6-30-58).

MARTIN, CLIFFORD K., Assistant in Agronomy (S), June 9-September 15, 1958, $383.33 a month, supersedes (6-25-58).

MARWAH, AMARJIT S., Research Associate in Oral Pathology (Dentistry), June 9, 1958-May 31, 1959, $6000 a year (6-25-58).

MAYEDA, WATARU, Research Assistant Professor of Electrical Engineering (C), three months from June 1, 1958, $708.33 a month, supersedes; and one year from September 1, 1958, $8500 (6-27-58).

McALEESE, DESMOND M., Research Assistant in Animal Science (S), one year from September 1, 1958, $5000 (6-16-58).

McFAIRLAND, NORMAN T., Instructor in Art, academic year beginning September 1, 1958, $6500 (6-27-58).

McGINLEY, CHARLES T., Research Assistant in the Small Homes Council, June 9-July 13, 1958, $450 a month (7-2-58).

McMULLEN, ALLISTER, Visiting Lecturer in Education (University High School), ten months from August 16, 1958, $4222 (6-16-58).

MEINHARD, RICHARD J., Assistant in Education (University High School), June 16-August 9, 1958, $1000 (6-5-58).
METZGER, MARVIN, Associate Professor of Physical Metallurgy (C), two months from June 16, 1958, $816.67 a month; this is in addition to his present appointment (6-16-58).

MEUX, MILTON O., Research Associate in the Bureau of Educational Research, one year from September 1, 1958, $6000 (6-16-58).

MEYER, ESTHER, Associate Professor of Microbiology (Medicine), ½ time, July 1-August 9, 1958, $851.66; this is in addition to her present appointment (7-9-58).

MOOS, CARL, Instructor in Physiology (Medicine), one year from September 1, 1958, $7000 (7-9-58).

MOWRER, MRS. WILLIE, Visiting Lecturer in Home Economics, Summer Session of 1958, June 16-August 9, 1958, $1245 (6-25-58).

MUU, EUGENE A., Research Associate in the State Water Survey, one year from July 1, 1958, $8400 (6-16-58).

MYERS, DONALD E., Assistant in Mathematics, Summer Session of 1958, June 16-August 9, 1958, $800 (6-16-58).

MYERS, WALTER L., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), ¾ time, one year from July 1, 1958, $1500 (7-11-58).

Nelson, James A., Instructor in Ceramic Engineering (S), two months from July 1, 1958, $833.33 a month (7-3-58).

Nishino, LuBitas, Assistant in English, Summer Session of 1958, June 16-August 9, 1958, $845 (6-6-58).

NISHI, SYOGORO, Research Associate in Psychiatry (Medicine), one year from September 1, 1958, $5500 (7-9-58).


NOON, ZENAS B., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and State Natural History Survey), June 16-August 31, 1958, $525 (7-8-58).

O'HARA, TAKAO, Research Associate in Agronomy (Graduate College and Agricultural Experiment Station), one year from July 1, 1958, $3400 (6-25-58).

O'KELLY, LAWRENCE J., Professor of Psychology, two months from June 16, 1958, $1166.66 a month; this is in addition to his present appointment (6-16-58).

PAISLEY, NANCY S., Research Assistant in Chemistry, two months from June 16, 1958, $400 a month (7-9-58).

PARK, ELDRON E., Assistant Dean of Men, one year from September 1, 1958, $4400 (7-2-58).

PARKER, NORMAN A., Professor of Mechanical Engineering and Head of the Department (C), two months from June 16, 1958, $3778; this is in addition to his present appointment (6-25-58).

PartHASARATHY, GRACE M., Research Assistant in Pathology (Medicine), two months from July 1, 1958, without salary (7-11-58).

Paul, Joy C., Research Associate in Pharmacology (Medicine), 65/100 time, June 11-December 31, 1958, $300 a month (6-25-58).

PEACOCK, R. N., Research Associate in Physics (C), one year from September 1, 1958, $6000 (6-27-58).

PEARSON, ERWIN W., Research Assistant in Business Experiment Station, July 15-August 31, 1958, $500 a year (7-9-58).

PEET, LOUISE J., Visiting Lecturer in Home Economics, Summer Session of 1958, June 16-July 12, 1958, $934 (6-6-58).

PELEKODAS, LOIS M., Research Assistant in the Institute of Government and Public Affairs, two months from June 23, 1958, $400 a month (6-10-58).

PERLMAN, RAYMOND, Associate Professor of Art, Summer Session of 1958, June 16-August 9, 1958, $1356 (6-6-58).


PETERS, JOSEPH A., Assistant in Mathematics, Summer Session of 1958, June 16-August 9, 1958, $800 (6-25-58).

PETERS, MAX S., Professor of Chemical Engineering (S), two months from June 16, 1958, $1011.11 a month; this is in addition to his present appointment (6-4-58).
PETERSEN, Arthur S. J., Associate Professor of Radiology (Medicine), ½ time, indefinite tenure from August 1, 1958, $5200 a year, supersedes (7-2-58).

PETRUS, RUTH F., Counselor in Music, Summer Session of 1958, June 12-July 29, 1958, $350; for the convenience of the University she will also be furnished room and board while on duty (6-25-58).

PORTER, ANDREW L., Research Associate in Chemistry, one year from October 1, 1958, $4400 (7-8-58).

PREBLE, HARRY, Assistant in English, nine months from September 16, 1958, $4000, supersedes (7-11-58).

PRENSKY, WOLF, Assistant in Agronomy (S), July 1-September 15, 1958, $383.33 a month, supersedes (7-8-58).

PRINCIC, WALTER, Assistant in English, nine months from September 16, 1958, $3600 (6-27-58).

PROVOST, ERNST E., Assistant Professor of Zoology, academic year beginning September 1, 1958, $5600 (7-14-58).

RADCLIFFE, JOHN A., Research Associate in Psychology, one month from June 16, 1958, $500 (6-16-58).

RAKOVE, MILTON L., Assistant Professor of Political Science (Chicago Undergraduate Division), academic year beginning September 1, 1958, $5800 (7-11-58).

RANNEY, J. AUSTIN, Associate Professor of Political Science, one month from July 1, 1958, $811.11; this is in addition to his present appointment (7-1-58).

READ, THOMAS A., Professor of Metallurgy and Head of the Department of Mining and Metallurgical Engineering (C), two months from June 16, 1958, $1611.11 a month; this is in addition to his present appointment (6-16-58).

REDHEED, WILLIAM, Assistant in English, nine months from September 16, 1958, $3600 (6-27-58).

REEBEL, DAVID A., Instructor in English, Division of English for Foreign Students, academic year beginning September 1, 1958, $5000 (6-27-58).

REINER, IRMA M., Assistant Professor of Mathematics, Summer Session of 1958, ½ time, June 16-August 9, 1958, $623 (6-26-58).

REINER, IRVING, Associate Professor of Mathematics, July 1-September 15, 1958, $2138.89; this is in addition to his present appointment (7-8-58).

RICHARDS, CLAIRE L., Associate Professor of Music, Summer Session of 1958, June 16-August 9, 1958, $1536, supersedes previous Summer Session appointment (6-27-58).

RICKETTS, BERNARD G., Associate Professor of Metallurgical Engineering (C), two months from June 16, 1958, $922.22 a month; this is in addition to his present appointment (6-16-58).

RIEHL, JEAN-LOUIS, Instructor in Pharmacology (Medicine), two months from July 1, 1958, $671 a month (6-25-58).

RIGGIN, G. W., Visiting Lecturer in Music, Summer Session of 1958, June 22-July 19, 1958, $300; for the convenience of the University he will also be furnished room and board (6-16-58).

ROBERTS, JOHN, Assistant in English, nine months from September 16, 1958, $3600 (6-27-58).

ROBERTS, STUART S., Assistant in Surgery (Medicine), one year from July 1, 1958, without salary, supersedes (6-25-58).

ROBERTSON, J. N., Instructor in Medical Social Work (Medicine), July 7, 1958-August 31, 1959, $5500 a year (7-7-58).


ROBINSON, RALPH L., Instructor in Electrical Engineering (C), academic year beginning September 1, 1958, $5300 (6-26-58).

RODGUEZ, JOSE J., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1958, $5000 (6-27-58).

ROSS, JOHN R., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1958, $5000 (6-27-58).

ROWLATT, URSULA, Instructor in Pathology (Medicine), one year from September 1, 1958, without salary (6-16-58).
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RUBENIS, MARY E., Research Assistant in Medicine (Medicine), two months from July 1, 1958, $5200 a year (7-8-58).

RUNDUS, ROBERT E., Visiting Lecturer in Education (University High School), August 16, 1958-June 15, 1959, $3222 (6-10-58).

RYBAK, F. JAMES, Assistant Professor of Education, ½ time, June 16-August 9, 1958, $712; this is in addition to his Summer Session appointment (6-10-58).

SAAARLAS, MAIDO, Assistant in Mathematics, Summer Session of 1958, June 16-August 9, 1958, $800 (6-26-58).

SANDIN, FREDERICA J., Research Assistant in Education (University High School), June 16-August 9, 1958, $889 (6-5-58).

SARIOGLU, M. K., Instructor in Electrical Engineering, Summer Session of 1958, ¾ time, June 16-August 9, 1958, $734 (6-6-58).

SCARAVELLI, GEORGE, Instructor in Pathology (Medicine), one year from July 1, 1958, $7000 (6-25-58).

SCHLOSSER, ROBERT, Assistant Professor in the Bureau of Business Management, ½ time, two months from June 16, 1958, $377.78 a month; this is in addition to his present appointment (6-16-58).

SCHRADER, HERMAN J., Research Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1958, $1111.11 a month; this is in addition to his present appointment (6-27-58).

SCOTTON, DONALD W., Project Director in the Bureau of Business Management, two months from June 16, 1958, $950 a month; this is in addition to his present appointment (6-6-58).

SCOUFFAS, GEORGE, Assistant Professor of English, Summer Session of 1958, ¾ time, June 16-August 9, 1958, $1068, supersedes previous Summer Session appointment (6-27-58).

SHERFTER, HAROLD, Instructor in Medicine (Medicine), ¾ time, two months from July 1, 1958, $375 a month (7-9-58).

SHEARD, KEVIN, Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1958, $5100 (7-2-58).

SHORES, J. HARLAN, Professor of Education, Summer Session of 1958, July 14-August 9, 1958, $1112 (6-30-58).

SIDNEY, MARY C., Instructor in Humanities (Chicago Undergraduate Division), academic year beginning September 1, 1958, $4400 (6-16-58).

SILVA, PAUL C., Research Associate Professor of Botany, ¾ time, one month from June 16, 1958, $623.62; this is in addition to his present appointment (6-16-58).

SKOGEN, CLARA S., Instructor in Foreign Languages (Chicago Undergraduate Division), Summer Session of 1958, June 23-August 15, 1958, $1245, supersedes previous Summer Session appointment (7-7-58).

SKOLD, RONALD V., Research Associate in the State Water Survey, one year from July 1, 1958, $8600 (6-25-58).

SMITH, CEDRIC M., Assistant Professor of Pharmacology (Medicine), two months from July 1, 1958, $910 a month; this is in addition to his present appointment (6-27-58).

SMITH, SARAH, Assistant in English, nine months from September 16, 1958, $3600 (6-25-58).

SMITH, WILLIAM L., Instructor in Full and Removable Partial Dentures (Dentistry), 3/10 time, one year from September 1, 1958, $1800 (7-2-58).

SNYDER, HAROLD R., Research Professor of Chemistry, two months from June 16, 1958, $1311.50 a month; this is in addition to his present appointment (7-8-58).

SOKOLOW, ALVIN D., Research Assistant in the Institute of Government and Public Affairs, two months from June 16, 1958, $400 a month (6-10-58).

SOWERSBY, DAVID B., Instructor in Inorganic Chemistry (College of Liberal Arts and Sciences), ½ time, academic year beginning September 1, 1958, $2250; and Research Associate in Chemistry (Graduate College), one year from September 1, 1958, ½ time during the academic year and full time during the 1959 summer, $3250 (6-16-58).

SPIEGELMAN, SOL, Professor of Bacteriology, two months from June 16, 1958, $1311.11 a month; this is in addition to his present appointment (6-6-58).
STEINER, IVAN D., Associate Professor of Psychology, two months from June 16, 1958, $833.33 a month; this is in addition to his present appointment (6-6-58).

STROHL, GERHARD W., Research Associate in Chemistry, one year from August 16, 1958, $3820 (7-8-58).

STROUTH, ROSS P., Associate Professor of Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, $1556, supersedes previous Summer Session appointment (6-27-58).

SUGI, TETSUO, Research Associate in Chemistry, one year from September 1, 1958, $5400 (6-30-58).

SUTFEN, DUANE, Assistant Professor of Physiology, two months from June 16, 1958, $622.22 a month; this is in addition to his present appointment (6-16-58).

SUZUKI, KAN, Research Associate in Psychiatry (Medicine), one year from July 1, 1958, $7500 (7-9-58).

SWARTWOUT, ROBERT E., Instructor in Electrical Engineering (C), 3/4 time, academic year beginning September 1, 1958, $4500 (6-27-58).

THOMSON, ROBB M., Associate Professor of Physical Metallurgy (C), two months from June 19, 1958, $777.78 a month; this is in addition to his present appointment (6-25-58).

THORNBERN, THOMAS H., Professor of Civil Engineering (S), two months from June 16, 1958, $1000 a month; this is in addition to his present appointment (5-23-58).

TIBBITS, F. DONALD, Instructor in Zoology, Summer Session of 1958, June 16-August 9, 1958, $1178 (6-16-58).

TOROFF, IRVING, Visiting Lecturer in Home Economics, Summer Session of 1958, June 16-August 9, 1958, $1556 (6-6-58).

TOYAZAWA, YUTAKA, Research Assistant Professor of Physics (C), one month from September 1, 1958, $600 (6-16-58).

TREVINO, ERNESTO T., Clinical Assistant in Surgery (Medicine), one year from July 1, 1958, without salary (7-1-58).

TRIGGER, KENNETH J., Professor of Mechanical Engineering (C), 3/4 time, two months from June 16, 1958, $1917; this is in addition to his present appointment (6-4-58).

TSUGAWA, ALBERT G., Instructor in Philosophy, academic year beginning September 1, 1958, $4400 (6-16-58).

TUCKER, ALBERT V., Instructor in History, academic year beginning September 1, 1958, $5000 (6-16-58).

TUCKER, MARIE, Research Assistant in Zoology, four months from July 1, 1958, $400 a month (6-25-58).

TUMER, FRED A., Instructor in Pharmacy (Pharmacy), Summer Session of 1958, June 30-September 20, 1958, 42/100 time, $600 for the period (6-4-58).

VAUGHAN, HERBERT E., Associate Professor of Mathematics (University High School), June 16-July 18, 1958, and August 4-August 22, 1958, $1778; this is in addition to his present appointment (6-5-58) and Associate Professor of Mathematics for one year from September 1, 1958, to render service during the academic year, $8500 (7-3-58).

VELETOS, ANESTIS S., Associate Professor of Civil Engineering (C), June 16-August 31, 1958, $844.44 a month (6-16-58).

VOK, FREDERICK L., Research Associate in Physics (C), two months from July 1, 1958, $600 a month, supersedes (6-10-58).

WACHSMAN, JOSEPH T., Assistant Professor of Bacteriology, two months from June 16, 1958, $644.45 a month. This is in addition to his present appointment (6-6-58).

WAHL, F. M., Instructor in Geology, academic year beginning September 1, 1958, $5000 (6-27-58).

WALDRAUER, GILBERT P., Research Assistant in Entomology, three months from June 16, 1958, $400 a month (6-26-58).

WALKER, EVELYN G., Research Assistant Professor in the Institute of Communications Research, College of Journalism and Communications, on 3/4 time, and of Psychology, College of Liberal Arts and Sciences, on 3/4 time, academic year beginning September 1, 1958, $5600 (6-16-58).
WALKER, RALPH H., Assistant in English, nine months from September 16, 1958, $1200 (6-27-58).
WAYMAN, CLARENCE M., Assistant Professor of Metallurgical Engineering (C), two months from June 16, 1958, $606.67 a month; this is in addition to his present appointment (6-16-58).
WEINER, BLUMA B., Research Associate in the Institute for Research on Exceptional Children, June 16-August 9, 1958, $1400 (6-25-58).
WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine), two months from July 1, 1958, $458.33 a month (6-25-58).
WELLS, MRS. CATHERINE N., Head Resident in Busey Hall, ten months from September 1, 1958, $3500; for the convenience of the University she will also be furnished room and board valued at $31 a month (6-6-58).
WERT, CHARLES A., Research Professor of Physical Metallurgy (C), ½ time, two months from June 16, 1958, $494.44 a month; this is in addition to his present appointment (6-16-58).
WESSELS, WARREN K., Assistant to the Dean, with rank of Instructor, College of Agriculture, July 1, 1958-August 31, 1959, $6500 a year (7-3-58).
WEST, GEORGE C., Research Assistant in Zoology, nine months from September 1, 1958, $5000 a year (7-9-58).
WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and State Natural History Survey), June 9-August 31, 1958, $370 a month (6-16-58).
WHIDDENBURY, CLIVE G., Research Associate in Aeronautical Engineering (C), ¾ time, academic year beginning September 1, 1958, $4500 (6-25-58).
WILLS, RUTH E., Acquisition Assistant in the Library, one year from September 1, 1958, $4500 (7-8-58).
WISHNER, RICHARD P., Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1958, $2400 (6-26-58).
WOERMANN, DIETRICH, Research Associate in Chemistry, one year from September 1, 1958, $5600 (6-16-58).
WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics (C), one month from June 16, 1958, $777.77; this is in addition to his present appointment (7-11-58).
WRIGHT, RICHARD N., III, Instructor in Civil Engineering (S), May 25-August 31, 1958, $116.67 a month, supersedes (6-16-58).
WYMAN, MARVIN E., Professor of Physics and of Nuclear Engineering (C), one month from August 1, 1958, $1333.33 (6-6-58).
XERIKOS, JAMES, Instructor in Aeronautical Engineering (C), ¾ time, first semester of the academic year 1958-59, September 1, 1958-February 28, 1959, $2250 (6-25-58).
YANKWICH, PETER E., Research Professor of Chemistry, two months from June 16, 1958, $944.50 a month; this is in addition to his present appointment (6-6-58).
YOCUM, PAUL S., Jr., Assistant in Ophthalmology (Medicine), one year from July 1, 1958, without salary (6-27-58).
YOKAN, MELVYN, Research Associate in Neurology-Neurological Surgery-Epilepsy (Medicine), 9/10 time, July 1, 1958-March 2, 1959, $5000 a year (7-2-58).
YOUNG, MRS. ALINE O., Instructor in the School of Nursing, three months from June 1, 1958, $3370 a year (6-4-58).

FELLOWS
(The following appointments were made by the President of the University.)
WARD-STEINMAN, DAVID, Kate Neal Kinley Memorial Fellow for 1958-59.
JOHNSON, BRADLEY R., Ryerson Traveling Fellow in City Planning and Landscape Architecture for 1958-59.

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)
AGGARWAL, ARJUN P., Fellow in Law, June 16-August 19, 1958, $300 (6-5-58).
ALLEN, HOWARD, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

ARONSON, ALAN R., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, $4,000 (6-19-58).

BERMAN, MARVIN, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, for three months from June 16, 1958, $600 (6-5-58).

BLUMBERG, MARTIN, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

BODE, VERNON C., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, $200 a month (6-23-58).

BRAKE, JON M., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, $300 (6-5-58).

BROOKS, SUZANNE B., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, $400 (6-6-58); Standard Oil Foundation Fellow in Chemistry, nine months from September 16, 1958, $1,500 (6-6-58).

BURSTEIN, STUART, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from June 16, 1958, $575 (7-9-58).

BUSH, RICHARD W., Phillips Petroleum Company Fellow in Chemistry, two months from June 16, 1958, $333.34 for the period (6-27-58).

BUSHNELL, JAMES C., Minneapolis-Honeywell Fellow in Physics, nine months from September 16, 1958, $1,800, supersedes (6-5-58).

BURSTEIN, STUART, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from June 16, 1958, $575 (7-9-58).

BUSHNELL, JAMES C., Minneapolis-Honeywell Fellow in Physics, nine months from September 16, 1958, $1,800, supersedes (6-5-58).

COST, JAMES R., Union Carbide and Carbon Research Laboratories Fellow in Mining and Metallurgical Engineering, nine months from September 16, 1958, $2,100 (6-26-58).

DARON, HARLOW H., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, $300 (6-5-58).

DOEG, ANDREW, United States Public Health Service Postdoctoral Research Fellow in Medicine, one year from September 1, 1958, without stipend (6-10-58).

FELDMAN, VICTOR, Lederle Laboratories Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $600 (7-7-58).

FISCHER, JOHN, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-1-58).

GALINSKY, ALVIN, Fellow in the Chicago Professional Colleges, July 1-September 20, 1958, $500 (7-1-58).

GOLDMAN, EUGENE, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

GORDON, MICHAEL, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

GROSSER, MRS. GEORGE ANN, IBM Fellow in Marketing, nine months from September 16, 1958, $1,800 (7-11-58).

HABERSTOH, HELMUT, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, $600 (6-5-58).


HOLT, JAMES A., Charles Pfizer and Company, Inc. Fellow in Biochemistry, two months from June 16, 1958, $400 (6-6-58).

JACOBSON, ALLEN, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-1-58).

JEWELL, WILLIAM, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-1-58).

JOHNSTONE, WALTER W., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, $3,320. superseded (6-19-58).
KAL, EDMUND, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from June 16, 1958, $975 (7-9-58).
Kanematsu, Shigeto, Fellow in Animal Science, nine months from September 16, 1958, $1500 (6-9-58).

Keer, Larry, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-1-58).

Kirk, Alex E., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, $2520 (6-19-58).


Martin, Bruce, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-1-58).

May, Percy C., Jr., United States Public Health Service Part-time Medical Student Fellow (Trainee) in Psychiatry, in the Chicago Professional Colleges, one year from June 16, 1958, $975 (7-7-58).


Rarick, David, Fellow in Law, June 16-August 19, 1958, $450 (6-5-58).

Riedinger, John, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, $600 (6-5-58).

Ring, Jerome, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, $600 (7-9-58).

Rosen, Seymour, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

Ruben, Richard, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-1-58).

Rudich, Perry, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

Sackett, David, Lederle Laboratories Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $600 (7-7-58).

Salans, Lester, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-5-58).

Scapino, Robert, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, $600 (6-5-58).

Schraiman, Joseph, George A. Miller Fellow in Spanish, nine months from September 16, 1958, $1800, supersedes (6-6-58).

Stemke, Gerald W., Research Corporation Fellow in Biochemistry, two months from June 16, 1958, $200 a month (6-23-58).

Summers, Donald, Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-1-58).

Taxman, Phillip, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

Taylor, David, National Science Foundation Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

Thompson, Dennis, Tobacco Industry Research Committee Fellow in the Chicago Professional Colleges, three months from June 16, 1958, $500 (7-7-58).

Toy, Billy R., Ohio Oil Company Fellow in Geology, two months from June 16, 1958, $150 (6-6-58).

Weinswig, Melvin H., Fellow in the Chicago Professional Colleges, nine months from July 1, 1958, $1800 (7-1-58).

Wiley, William R., Rockefeller Foundation Fellow in Bacteriology, two months from June 16, 1958, $300 (6-19-58).

Willis, Burton, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, $600 (6-5-58).
Wolsztyniak, Harold, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, three months from June 16, 1958, $600 (6-5-58).

RESIGNATIONS AND DECLINATIONS

Batson, Betty, Instructor in Home Economics (C) — resignation effective September 1, 1958.
Berger, Cyrena G., Research Assistant in Pathology (Medicine) — resignation effective June 16, 1958.
Bieniarz, Jozef, Research Associate in Anatomy (Medicine) — declination effective July 1, 1958.
Bosnak, William A., Assistant in Physical Education for Men (Chicago Undergraduate Division) — resignation effective September 16, 1958.
Brown, Eric R., Instructor in Microbiology (Medicine) — resignation effective September 1, 1958.
Burnham, Priscilla, Catalog Assistant in the Library — resignation effective September 1, 1958.
Carey, Glenn O., Assistant in English — resignation effective September 16, 1958.
Clark, J. M., Jr., Instructor in Biochemistry (Summer Session) — resignation effective June 16, 1958.
Collins, Maureen, Serials Reviser, with rank of Instructor, in the Library — resignation effective July 1, 1958.
Conner, Mrs. Betty R., Research Assistant in Medicine (Medicine) — resignation effective July 26, 1958.
Cotter, Mrs. Alice, Assistant to the Dean of Women — resignation effective July 1, 1958.
Culler, A. Dwight, Professor of English — resignation effective September 1, 1958.
Donovan, Cecil V., Professor of Art (Summer Session) — resignation effective June 16, 1958.
Dunlap, Leslie W., Professor of Library Science and Associate Director of Public Service Departments of the Library — resignation effective September 1, 1958.
Eckhardt, Richard D., Associate Professor of Medicine (Medicine) — resignation effective July 13, 1958.
Gabis, Stanley T., Assistant Professor of Political Sciences (Chicago Undergraduate Division) — resignation effective September 1, 1958.
Glickstein, Mitchell E., Research Assistant in Psychiatry (Medicine) — resignation effective August 1, 1958.
Goulson, Mrs. Frances M., Instructor in Speech (Chicago Undergraduate Division) (Summer Session) — resignation effective June 20, 1958.
Greenwald, Arthur L., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1958.
Hasegawa, Mae, Research Assistant in Medicine (Medicine) — resignation effective August 5, 1958.
Hayman, Allen, Assistant in English — resignation effective September 16, 1958.
Helmer, Lorraine R., Instructor in English — resignation effective September 1, 1958.
Hirsch, Jean L., Clinical Instructor in Pediatrics (Medicine) — resignation effective July 1, 1958.
Holt, E. Howard, Research Assistant Professor of Electrical Engineering (C) — resignation effective September 1, 1958.
Johnson, Ralph H., Counselor on the University Council on Teacher Education and Associate Professor of Physical Education for Men — resignation effective September 1, 1958.
Kanematsu, Shigeto, Fellow in Animal Science — declination effective September 16, 1958.
Karvinen, Esko, Research Assistant in Clinical Science (Medicine) — resignation effective July 1, 1958.
Klee, Florence C., Instructor in Chemistry (Pharmacy) — resignation effective September 1, 1958.

Mardzin, Mrs. Dorothy F., Research Assistant in Oral Pathology (Dentistry) — resignation effective July 27, 1958.

Marshall, Clifton J., Associate Professor of Architecture — declination effective September 1, 1958.

McFeron, Dean E., Associate Professor of Mechanical Engineering (C) — resignation effective September 1, 1958.

McGrath, Mrs. Barbara, Assistant in Home Economics (C) — resignation effective September 1, 1958.

McLaughlin, Shirley A., Assistant in English — resignation effective September 16, 1958.

McTaggart, Mary D., Assistant in Medical Social Work (Medicine) — resignation effective June 29, 1958.

Merrill, William M., Associate Professor of Geology — resignation effective September 1, 1958.


Newman, Howard A., Assistant in Food Technology (S) — resignation effective July 1, 1958.

Paul, Donald, Assistant Professor of Psychology and Counselor in the Student Counseling Service (Chicago Undergraduate Division) — resignation effective July 1, 1958.

Perkins, Edward G., Fellow in Food Technology — resignation effective June 1, 1958.

Perry, J. Warren, Assistant Professor of Psychology and Counselor in the Student Counseling Service (Chicago Undergraduate Division) — resignation effective July 1, 1958.

Peterson, Beverly J., Architecture Library Assistant, with rank of Instructor — resignation effective September 1, 1958.

Phillips, David L., Assistant Extension Editor, with rank of Instructor, in Agriculture (E) — resignation effective August 1, 1958.

Porter, Kenneth W., Professor of History — resignation effective September 1, 1958.

Rabichow, Helen G., Consultant, with rank of Associate Professor, in the School of Social Work — resignation effective September 1, 1958.

Reiner, Irving, Associate Professor of Mathematics (Summer Session) — resignation effective June 16, 1958.

Seife, Charles T., Assistant Professor of Zoology — resignation effective September 1, 1958.

Seketa, Mrs. Delores H., Research Assistant in Medicine (Medicine) — resignation effective June 26, 1958.

Sharp, Herbert L., Counselor in the Student Counseling Service, and Assistant to the Dean of the College of Agriculture, with rank of Assistant Professor — resignation effective July 1, 1958.


Shearer, Samuel B., Jr., Lois Wells Irwin Fellow in Library Science — resignation effective September 16, 1958.

Smith, A. E. Wilder, Assistant Professor of Pharmacology (Pharmacy) — resignation effective September 1, 1958.


Tsien, Wei S., Research Associate in Animal Science (S) — resignation effective September 1, 1958.

Waddell, Claude E., Lecturer in Aeronautical Engineering (C) — resignation effective June 16, 1958.

Wilkens, Rachel C., Visiting Lecturer in Library Science (Summer Session) — resignation effective June 16, 1958.

Williams, Richard A., III, Research Associate in Civil Engineering (S) — resignation effective September 1, 1958.

Willis, Burton, United States Public Health Service Dental Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges — declination effective June 16, 1958.
LEAVES OF ABSENCE

CURLY, DANIEL, Associate Professor of English — sabbatical leave of absence for the first semester of 1958-59, on one-half pay, and leave of absence during the second semester, without pay. This supersedes his previous leave of absence.

FINLAY, GILBERT C., Associate Professor of Education, Assistant Dean of the College of Education, and Head of Counseling Service on University Council on Teacher Education — leave of absence, without pay, from July 21 through August 31, 1958; and a change in his appointment status from full time service to 20 per cent time service from September 1, 1958, through June 15, 1959, so that he may work with the Physical Science Study Committee Program.

GOTTLEIB, DAVID, Professor of Plant Pathology (C and S) — additional leave of absence, with pay, from July 1 to August 16, 1958.

GRIFFENS, LORRAINE E., Registered Pharmacist in the Hospital Pharmacy, and Research Associate in Manufacturing Pharmacy (Pharmacy) — leave of absence, without pay, one year from July 18, 1958.

JACKSON, WILLIAM V., Assistant Professor of Library Science and Librarian in the Undergraduate Library — leave of absence, without pay, from July 1 through August 31, 1958, so that he may accept the invitation from the United States Department of State to lecture at the Univerist of Córdoba in Argentina.

JUNG, ALLEN F., Assistant Professor of Economics (Chicago Undergraduate Division) — leave of absence, without pay, one year beginning September 1, 1958.

KUYPERS, JOHN M., Professor of Music — leave of absence, without pay, for the academic year 1958-59, so that he may accept a visiting professorship in Music at Dillard University in New Orleans.

MULLER, DAVID E., Research Associate Professor of Mathematics (College of Liberal Arts and Sciences) and of Applied Mathematics (Digital Computer Laboratory) — leave of absence, without pay, one month beginning August 1, 1958, so that he may accept an invitation to deliver a series of lectures at the Bell Telephone Laboratories, Murray Hill, New Jersey.

PEART, ROBERT M., Assistant Professor of Agricultural Engineering (C and S) — leave of absence, without pay, one year beginning September 1, 1958, so that he may continue his graduate work.

PLAGGE, JAMES C., Associate Professor of Anatomy (Medicine) — leave of absence, without pay, two years beginning September 1, 1958, so that he may accept an appointment as Medical Educator to Saigon, Viet Nam.

SCHERR, GEORGE H., Assistant Professor of Microbiology (Medicine) — leave of absence without pay, from July 1 through August 9, 1958.

SPORLEDER, DONALD E., Assistant Professor of Architecture — leave of absence, without pay, from September 1, 1958, to March 1, 1959, so that he may accept an appointment to the Francis J. Plym Traveling Fellowship in Architecture.

TERRILL, STANLEY W., Professor of Animal Science (C and S) — disability leave of absence, with full pay, from April 3 to October 2, 1958.

THOMPSON, ANSON E., Assistant Professor of Vegetable Crops, in the Department of Horticulture (C and S) — leave of absence, without pay, two years from September 1, 1958, so that he may serve on the contract team of the Kentucky Research Foundation for the management and coordination of the I.C.A. contract with the University of Indonesia as Professor of Horticulture, and as adviser for research and extension activities in this field.

WHEELER, MRS. DOROTHEA M., Pharmacy Reference Librarian, with rank of Instructor (Chicago Professional Colleges) — leave of absence on account of her health, with full pay, from August 1 through December 31, 1958; and without pay, from January 1, 1959, and continuing until further notice.

ZIMMERMANN, ARNOLD A., Professor of Anatomy (Medicine) — leave of absence, without pay, one year from September 1, 1958.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

The President of the University has approved the following changes in sabbatical leaves of absence for 1958-59 previously granted by the Board of Trustees.
CURRY, E. Thayer, Professor of Speech, sabbatical leave of absence for the second semester of 1958-59, cancelled without prejudice.

DeLANEY, Charles O., Assistant Professor of Music, from the academic year 1958-59 on one-half pay, to the first semester of 1958-59 on one-half pay.

DIGGS, Bernard J., Associate Professor of Philosophy, from the academic year beginning September 1, 1958, on full pay, to the second semester of 1958-59 on full pay.

FOOTE, Bruce R., Professor of Music, sabbatical leave of absence for the second semester of 1958-59, cancelled without prejudice.

KOLB, Philip, Professor of French, from the second semester of 1958-59 on full pay, to the full year beginning September 1, 1958, on one-half pay.

WANN, Andrew J., Associate Professor in the Institute of Labor and Industrial Relations, sabbatical leave of absence for the academic year 1958-59, cancelled without prejudice.

EXECUTIVE SESSION

At this point, on motion of Mrs. Watkins, an executive session was ordered for the consideration of the following items of business.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(32) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Multiple laboratory facility — Ora L. Railsback, Professor of Physics, and Harold M. Skadeland, Associate Professor of Physics, both of the Chicago Undergraduate Division, inventors. This invention, which encompasses the "Lazy Susan" principal of a rotating platform, is intended to allow more efficient use of classroom space by converting the room's facilities instantaneously to allow different classes to use the laboratory in succeeding periods. While one class is being conducted, a laboratory stockman may be setting up the apparatus for the next class without interrupting the class in the room at the time.

The Patent Committee believes that this application of the "Lazy Susan" principal would not constitute a unique enough claim to justify a patent application. Further, it does not appear that the invention has much commercial value. The inventors indicated in their disclosure that if the invention were released to them, they would propose to publish a description of the invention in a scientific journal, thus barring any possible patent application. The Committee recommends that the invention be released to the inventors.

2. Regimen of carotenoid therapy — Ruven Greenberg, Assistant Professor of Physiology, and Theodore Cornbleet, Clinical Professor of Dermatology, inventors. This invention concerns the ingestion of carotene (derived from carrot juice) which is claimed to be beneficial in the treatment of acne and psoriasis.

The Patent Committee previously requested the University of Illinois Foundation to investigate the desirability of obtaining a patent. The Foundation reports that the claims made by the inventors would be difficult to support in a patent application. Further, it does not appear that any possible patent would have much commercial value. This report corroborates the recommendation by the Head of the Department where the invention was conceived. The Committee recommends that the invention be released to the inventors.

3. A semen diluent and processing method — N. L. VanDemark, Professor of Physiology, A. D. Sharma, Assistant in Dairy Science, and G. W. Salisbury, Professor of Dairy Science, inventors. This invention was described to the Board of Trustees at its meeting on July 16, 1957, and at that time the Board authorized the University of Illinois Foundation to apply for a patent, but no decision was made concerning who would own the title to any patent obtained. The Patent Committee now recommends that the University release its rights in this invention to the University of Illinois Foundation and that title to any patent issued be in the name of the Foundation. This action will facilitate the efficient management of any licensing and royalty arrangements.

4. Synthetic high polymers on tablet coatings — E. R. Serles, Dean of the College of Pharmacy (deceased), D. L. Deardorff, Professor of Manufacturing Pharmacy, and Dale W. Doerr, Instructor in Pharmacy, inventors. This devel-
opment involves the use of synthetic material as an alternative for sugar coatings on medicinal tablets. As approved by the Board of Trustees at its meeting on May 23, 1953, this invention was referred to the University of Illinois Foundation for further study with authority to apply for a patent if this action appeared desirable. The Foundation has now applied for and received such a patent and has requested the Patent Committee to make a recommendation as to the distribution of any income received from licenses or royalties that may be received.

The Patent Committee recommends that 12 per cent of the income received and available after the payment by the Foundation of any development or other costs incurred in connection with this patent be paid to and divided among the inventors in such a manner as they may agree upon.

5. A column packing material for high temperature inorganic gas chromatography—Richard S. Juvet, Jr., Assistant Professor of Analytical Chemistry, and Francis M. Wachi, Assistant in Chemistry, inventors. This development is a new method in gas chromatography separation which heretofore has been restricted to the analysis and separation of volatile organic substances. It uses certain non-volatile inorganic eutectic mixtures.

The Head and other authorities in the Department of Chemistry and Chemical Engineering are of the opinion that there is little likelihood that this development will have commercial value and have recommended that the invention be released to the inventors. The Patent Committee concurs in this opinion and so recommends.

6. Bubble oxygenator for extra corporeal circulation during cardiac surgery—Mariano Lopez-Belio, Assistant Professor of Surgery, and Ormand C. Julian, Associate Professor of Surgery, inventors. This instrument oxygenates blood outside the body for the purpose of extra corporeal circulation during cardiac surgery. One model of this machine has been developed through frequent experimental and clinical use at the University of Illinois College of Medicine and the Research and Educational Hospitals and at Presbyterian-St. Luke's Hospital.

Although this development is novel and gives promise of a definite contribution to surgical practices, apparently it is very improbable that it will be commercially profitable because of the small number that would be used. Accordingly, Dr. W. H. Cole, Head of the Department of Surgery, and Vice-President H. E. Longenecker have recommended that it be released to the inventors for the specific purpose of obtaining further models through the facilities of a Chicago instrument company that wishes to construct this equipment and distribute it at no profit to the inventors or the company.

The University Patent Committee concurs in this opinion and recommends its release to the inventors.

7. Vacuum regulator—Dillon E. Mapother, Associate Professor of Physics, inventor. This device is a self-acting valve which, when introduced into a pumping line, opens and closes in response to fluctuations in inlet pressure so as to maintain the inlet pressure constant.

The Patent Committee in October, 1957, requested the University of Illinois Foundation to study and report back on this device. The Foundation was able to secure an exhaustive opinion from a manufacturer as to the possibilities of obtaining a patent and building this device. This company has now reported back that a very high selling price would be necessary if such a device were manufactured; and at the same time quality control would be difficult. Accordingly, the Foundation has returned the matter to the University with a notice that it does not wish to seek a patent.

The inventor has advised that it is his plan to publish this development within a few months. Accordingly, it is the recommendation of the Patent Committee that all rights of the University in this invention be released to the United States Navy, the sponsoring agency under which it was developed.

8. Binary digital shifting register—Arnold T. Nordsieck, Professor of Physics, inventor. This device is for use in connection with a synchronous binary digital computer and is a delay line which requires a very small amount of energy with realizable audio frequencies over a broad range.

The Patent Committee requested the University of Illinois Foundation to investigate this invention as to commercial possibilities, and the Foundation has
reported that no company has been found that is interested in developing the invention.

The inventor has requested that this invention be released to him. The United States Army Signal Patent agency representing the United States Government, which had sponsored the project on which the invention was developed, has agreed to this release, providing that the Government be granted a royalty-free license to the use of any patent that is issued. The Patent Committee approves such an arrangement and recommends that all rights of the University in this invention be released to the inventor, with the stipulation that the United States Government and the University of Illinois be granted royalty-free licenses to use any patent that may be issued in connection therewith.

I concur in these recommendations.

President Livingston reported that the Executive Committee had previously considered these recommendations and concurs in them.

On motion of Mrs. Watkins, these recommendations were approved by the Board.

SETTLEMENT OF THE SUIT OF CHARLES GOREY

(33) Recently Mr. Charles Gorey, an electrician in the employ of the University of Illinois at the Chicago Professional Colleges, instituted a mandamus proceeding in the Circuit Court of Cook County to recover salary and other benefits which he lost as the result of being placed on involuntary disability leave from January 2 through April 5, 1957.

Mr. Gorey was first employed by the University in 1941 and between that year and 1944 worked for it from time to time. Since October 24, 1944, to the present time, Mr. Gorey has been employed as a full-time electrician.

For some time prior to November, 1953, Mr. Gorey suffered from a physical condition, diagnosed as a hypersensitive carotid sinus, which rendered it dangerous for Mr. Gorey to do work (such as changing overhead lamps) which would necessitate extending his arms over his head, especially if he would be working on a ladder. While his condition was known to the Health Service at the Chicago Professional Colleges Campus and to the Supervisor of Building Craftsmen, it did not come to the attention of the Assistant Superintendent of Buildings and Grounds or that of the Superintendent of Buildings and Grounds until the fall of 1953. At that time a report from the Health Service was presented to them and, upon recommendation from the Office of Nonacademic Personnel, Mr. Gorey was placed on leave of absence for disability. However, the Health Service immediately advised that he could do all types of work if he kept his collar open to eliminate any pressure on his neck and, consequently, he was returned to work. On November 11, 1956, the Health Service issued an additional report to Mr. Gorey that he should not do certain portions of the work usually done by electricians, and Mr. Gorey declined to do "lamping" since it would require him to be on a ladder and work with his hands above his head. The report from the Health Service that Mr. Gorey should not do all work requiring the raising of his arms above the head was confirmed in December, 1956. On the basis of this advice, and with the concurrence of the Office of Nonacademic Personnel, Mr. Gorey was placed on disability effective January 2, 1957, but because of accumulated sick leave and vacation, he received full pay for the period January 2 to January 29, 1957.

While Mr. Gorey apparently acquiesced in this action by voicing no objection before the end of January, 1957, it developed that he was objecting to or questioning it and was supported in his position by his union. Further negotiations and investigations took place and he was restored to active duty on April 8, 1957, but because of his physical condition instructions were issued that he should not be required to do work which the Health Service physicians considered would be dangerous and inadvisable for him to attempt.

As a result of the foregoing and the involuntary disability leave upon which he was placed, Mr. Gorey did no work from January 2 through April 5, 1957, although he was paid the same amount he would have earned in January of that year if he would have been working then by allowing him fifteen days of wages to sick leave and five working days of vacation time which he had earned.
and to which he was entitled. He was paid nothing for the forty-three days he
lost from January 30 through April 5, 1957.

After he was restored to active duty, Mr. Gorey and the business agent of
his local union demanded that he be paid what he would have earned had he
been permitted to work from January 30 to April 5, 1957, and that the fifteen
days of sick leave and five days of vacation time be restored. Action upon this
request was deferred while attempts were made to hold a conference with the
business agent of the union concerning Mr. Gorey's claims and concerning
charges that union had preferred against Mr. Gorey's foreman and a
fine which it had imposed upon the foreman stemming out of the latter's action
in reporting Mr. Gorey's claim that, because of his physical condition, he was
not supposed to be required to do overhead lamping work. The business agent
of the union ignored requests for a conference and apparently was unwilling to
hold it with University representatives. Mr. Gorey then instituted the mandamus
suit.

As the result of conferences with University officers and study of the facts
and law, it is the conclusion of the Legal Counsel that the University had no
legal right or authority to place Mr. Gorey upon enforced disability leave, and
that the University does not have a good defense to Mr. Gorey's suit. It is his
recommendation and that of the Director of the Physical Plant and of the
Director of Nonacademic Personnel that the University pay Mr. Gorey $1,331.60
for wages which he would have earned had he worked between January 30 and
April 5, 1957, and the fifteen working days sick leave credit be restored; and
that, for purposes of seniority and accruing sick leave and vacation benefits,
Mr. Gorey's full-time employment status include the period January 2, 1957,
to April 8, 1957. In return, Mr. Gorey will waive any claim for restoration to him
of the five working days of vacation time credit against which a portion of the
wages paid him for the month of January, 1957, was charged. In addition, it is
understood that Mr. Gorey will do what he can to secure dismissal of charges
against the foreman now pending before the Executive Board of the local union
of which the foreman and Mr. Gorey are members.

I concur.

Mr. Swain stated that the Committee on Nonacademic Personnel
had previously received this report and was prepared to support the
recommendation.

On motion of Mr. Swain, the recommended settlement was au-
thorized.

ACQUISITION OF PROPERTY AT 508 EAST
JOHN STREET, CHAMPAIGN

(34) The property at 508 East John Street, Champaign, Illinois, consists of a
lot 66 feet by 187 feet (12,342 square feet) with a frame residence which had
been used as a rooming house but which was recently seriously damaged by fire.
Since this property is in the area within the University's land acquisition pro-
gram, it is important that the University acquire it now, and before the house is
rebuilt and the cost of acquiring it increases accordingly. Until it is required
as a site for a University building, the land can be used as a University parking
lot, it being situated in an area where parking space is greatly needed.

The property is zoned for B-2 business operations which is the general
classification of the University business district in Champaign.

The University has secured two appraisals of the property, one appraising
its value at $25,000 and the other at $32,000. University officers believe that
$20,000 constitutes a fair and reasonable price for the property. That figure is
in line with appraisals and would represent a land acquisition cost of $2.35 per
square foot, which compares favorably with other recent property purchases
near the campus ranging from $2.33 to $5.83 per square foot.

Funds for the purchase of the property are available in the contingencies
item in the state capital appropriations to the University for 1957-59, subject to
release by the Governor. The Director of the Physical Plant and the Vice-
President and Comptroller recommend the purchase of this property at a price
of $20,000 and that the Comptroller and the Secretary of the Board be author-
ized to execute the necessary documents, subject to the approval of the same
and of the title by the Legal Counsel, and further recommend that the Legal Counsel be authorized and directed to take the necessary steps to institute a condemnation suit and acquire the property through the exercise of the University's right and power of eminent domain in the event the owner refuses to sell the property to the University at the $29,000 figure.

I concur.

Mr. Williamson reported that this recommendation had previously been submitted to and was considered by the Committee on Buildings and Grounds.

On motion of Mr. Williamson, the acquisition of this property at a purchase price of $29,000 was authorized; and if the owner refuses to sell at that figure, the Legal Counsel is authorized to institute a condemnation suit for the acquisition of this property through proceedings in eminent domain. This action was taken by the following vote: Aye, Mr. Bissell, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Stratton.

On motion of Mr. Williamson, the Board adjourned.

A. J. Janata
Secretary

Park Livingston
President
APPENDIX


(Approved by the Board of Trustees July 29, 1958, page 36)

INTRODUCTION

The Building Needs of the University

Two kinds of needs are considered in the building program of the University: (1) catching up with the past, and (2) constructing buildings fast enough to make room for the future. Both kinds require quick action on a large scale if the facilities of the University are not to “bottle-neck” when they are needed most.

CATCHING UP WITH THE PAST

Although the University of Illinois has a large and imposing campus, the University does not have all the classrooms, libraries, laboratories, and offices that it really needs for its present requirements. If there were no backlog of needs, the problem of how to care for future enrollment increases and related demands might not be quite so serious.

When the University was asked last year for a summary of the building needs for the next ten years, in preparation for the bond issue, the University of Illinois more than filled its proposed allocation of funds from its list of buildings needed right now. These were the buildings that had been approved by the University building committee in the past and had been submitted to the Budgetary Commissions of previous sessions of the General Assembly. Although the need was not questioned, final appropriations were always far less than the amount asked — always in the hope that it would be easier to catch up with these deferred projects at some time in the future.

This accumulation of a building backlog has been in progress for twenty-five years: first, during the Depression, when there just weren't any funds available no matter how great the need; then during World War II, when no construction could be undertaken because of material and manpower priorities; finally, in the postwar period when the state began a valiant attempt to make up past deficiencies. But the higher enrollments of veterans and a higher proportion of college-minded youth than ever before increased the demands.

Just to hold even became a problem. Buildings went up, but there was no net gain in meeting the total building deficit. In fact, the backlog of needs increased rather than decreased.

Evidences of this increasing need appear repeatedly in the biennial summaries and requests of the University's building committee as submitted to successive sessions of the legislature. In these reports are studies of building usage, building costs, relations of areas to students, to staff, to kinds of courses, and to all the other factors that enter into the problem of how much space is needed for a given number of students engaged in a given educational program.

There would be little point in reproducing here the details of these reports, but a summary of the building requests and amounts actually received over a period of years is enlightening. Going back from the present these are the results:

In 1957 the University requested $35,674,000; it received $14,275,000.
In 1955 the University requested $37,185,000; it received $8,855,000.
In 1953 the University requested $34,979,000; it received $8,096,000.
In 1951 the University requested $39,580,000; it received $6,875,000.

The story is much the same during the war years and the Depression. The last comprehensive building program took place at the University more than a quarter of a century ago, when during the 1920's the University of Illinois did get its building supply into adequate relationship to its then current enrollment.

But what was adequate in the 1920's is not adequate now. What was new then, requiring little maintenance, is beginning to show the effects of constant use over a quarter of a century. Some laboratories are more than fifty years old and require rewiring, safety, fire, and lighting improvements, and further remodeling to fit changing uses and programs.
The "temporary" barracks buildings acquired after the War have now been in use for a decade. Thus, the University must use more and more of its funds for remodeling and renovation of existing buildings. Over $5,000,000 of the 1957 request of the University was needed for such work.

Making Room for the Future

That an unprecedented number of students will want to enroll in our colleges and universities in the next ten to fifteen years hardly needs demonstration at this date. The accelerated building of public schools to take care of our present school-age population is everyday evidence of what is to come at the university level.

The report of the President's Committee on Education Beyond the High School finds that enrollments will double. The Illinois Joint Commission of Higher Education made a detailed study of the outlook for Illinois and arrived at the same conclusion.

The present high enrollments in our universities come from the smallest college-age group in the past twenty-five years. They represent children born during the period when marriages and birth rates reached their lowest point. The reason for the current level, in spite of the small total number from which the students are drawn, is that the proportion of college-age youth who go to college has been climbing rapidly.

When this increased ratio of actual to potential enrollments is applied to the college population in the decade between 1960 and 1970, there is only one answer. Since the birth rates doubled during and after the War compared with the previous decade, we must prepare for at least twice as many college students before 1970.

What does this mean in terms of buildings and space to be provided? Obviously, it does not mean duplicating the entire physical plant of the University, for many functions can be performed for much larger numbers with relatively small additions of space. After its study of coming needs the University has prepared a building program for the five biennia, 1959-69, which calls for total expenditures as follows:

Chicago Professional Colleges........................................ $32,500,000
Chicago Undergraduate Division—to provide permanent quarters for the present program and student body (with some latitude for expansion)........................................ $50,000,000
Urbana-Champaign....................................................... $116,000,000
$198,500,000*

There are, of course, certain assumptions that must be made in arriving at a figure to apply to a ten-year building program. For example, the figure given above for the Chicago Undergraduate Division provides largely only for a continuation of the present program on a permanent site, since the nature and timetable of expansion to four-year programs have not yet been determined. Other changes in programs or shifts in enrollments to courses requiring laboratory facilities would also increase these estimates of cost.

It is assumed that the people of Illinois will want the University to continue its research and extension work and to find new ways to improve agriculture, to build better roads and bridges, to improve business practices, to build better and more economical homes, and to make this knowledge available through publications, lectures, conferences, and short courses both on and off the campus.

All of this means that the figures are realistic assumptions about the character of future needs. They represent the best estimates that can be given today for the kind of program in the future that the people of Illinois have shown that they want and expect from the University of Illinois.

Planning Procedures

This is a long-range plan based upon uniform standards applied throughout the institution. The plan is flexible and susceptible to continuing refinement and revision. It is the result of a unique approach to planning which utilizes the faculty and staff from throughout the University as well as consultants.

The procedure followed in developing the ten-year estimated needs started with the circulation of a carefully-designed questionnaire to all colleges and departments, asking them to apply the given standards (developed by the University Space Planning Office) to determine their present space deficiencies and the facilities required to accommodate a 75 per cent increase in enrollment by 1969.

* This does not include residence halls, which are largely self-supporting.
This resulted in an inventory of needs totaling $411,000,000, much of which was to come from sources other than state appropriations. It should be noted that housing and other self-supporting activities are included. Careful analysis, reduction of standards to the minimum considered satisfactory, and increasing somewhat the Chicago Undergraduate Division program, resulted finally in the ten-year totals of Table I.

The next step in the procedure was to request each dean to list the projects of his college in relative order of need. This priority consideration by the colleges assisted the Committee in arriving at its recommendations for the 1959-61 biennium. It was necessary, however, to develop the planning policies before the Committee could make final priority separations among the wide variety of needs.

The basic planning policy is simple and comprehensive. It rests upon the premise that the University of Illinois is an instrument of the people of the state and that it should be devoted: (1) to the education and training of youth; (2) to research designed to add to the store of knowledge in all the fundamental fields of learning; and (3) to render those services, for which it is particularly suited, to various segments of state's life such as agriculture, industry, commerce, and government; all to the ultimate end that the University shall contribute to civic health and economic prosperity, and to the enrichment of the lives of its citizens.

The planning assumptions upon which the program for each of the campuses has been developed are listed in the Appendix.

### TABLE I

**Tentative Summary of the 1959-69 Building Program**

(All amounts are in millions of dollars)

<table>
<thead>
<tr>
<th>Period</th>
<th>Urbana-Champaign</th>
<th>Chicago Undergraduate Division</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two-Year Program</td>
<td>1959-61</td>
<td>38.1</td>
<td>10.0</td>
</tr>
<tr>
<td></td>
<td>1961-63</td>
<td>24.5</td>
<td>35.0</td>
</tr>
<tr>
<td>Four-Year Program</td>
<td>1959-63</td>
<td>(62.6)</td>
<td>(45.0)</td>
</tr>
<tr>
<td></td>
<td>1963-65</td>
<td>20.0</td>
<td>7.0</td>
</tr>
<tr>
<td></td>
<td>1965-67</td>
<td>17.4</td>
<td>(0)</td>
</tr>
<tr>
<td></td>
<td>1967-69</td>
<td>16.0</td>
<td>(0)</td>
</tr>
<tr>
<td>Ten-Year Program</td>
<td>Total</td>
<td>116.0</td>
<td>50.0</td>
</tr>
</tbody>
</table>

### TABLE II

**Recommended Schedule of Capital Projects for the 1959-61 Biennium**

(Analyses and justifications of the individual projects recommended for the 1959-61 biennium appear in the Appendix)

1. **Building Projects**
   1. Education Building ........................................... $3,230,000
   2. Completion—First stage Physics Building .................. 280,000
   3. Completion—First stage Fine and Applied Arts Building 250,000
   4. Commerce Building ................................................... 280,000
   5. Completion—Medical Research Laboratory, Chicago Professional Colleges .................................................. 415,000
   6. Physics Building, Second stage ............................. 3,140,000
   7. Remodeling, Rehabilitation, and Minor Additions—Urbana-Champaign (Schedule A) ........................................ 1,000,000
   8. Library, Seventh Addition ....................................... 1,350,000
   9. Medical Sciences Addition—Chicago Professional Colleges 3,400,000
   10. Fine and Applied Arts Building, Second stage ............ 500,000
   11. Remodeling, Rehabilitation, and Minor Additions—Chicago Professional Colleges (Schedule B) ........................ 1,909,000
   12. Physical Plant Service Building—Chicago Professional Colleges (acquisition by purchase) ................... 300,000

1 Additional funds will be required when the enrollment exceeds 6,000 students, some of whom may be juniors and seniors.
13. Biology Building, Second stage ........................................ 2,525,000
14. Physical Plant Service Building — Urbana-Champaign ......... 2,000,000
15. Electrical Engineering Addition ..................................... 2,500,000
16. Plant Sciences, Agronomy ........................................... 4,900,000
17. Smith Music Hall Addition ............................................ 1,380,000

(31,879,000)

II. Utilities Distribution and Power Plant
Urbana-Champaign .................................................... 7,100,000
Chicago Professional Colleges ........................................ 200,000
Chicago Undergraduate Division ..................................... 5,500,000

(12,800,000)

III. Land and Planning
Land Acquisition
Urbana-Champaign (Schedule C) ....................................... 2,250,000
Chicago Professional Colleges ......................................... (515,000)
Chicago Undergraduate Division ..................................... 3,500,000

Plans and Specifications
Urbana-Champaign (Schedule D) ....................................... 900,000
Chicago Professional Colleges ......................................... 200,000
Chicago Undergraduate Division ..................................... 1,000,000

(7,850,000)

IV. Protection of Life and Property, and Public and Street Improvements
Life and Property
Urbana-Champaign (Schedule E) ....................................... 350,000
Chicago Professional Colleges ......................................... 200,000

Public and Street Improvements
Urbana-Champaign (Schedule F) ....................................... 900,000

(1,450,000)

V. Funds to Supplement Outside Grants (Schedule G)
Urbana-Champaign .................................................... 800,000
Chicago Professional Colleges ......................................... 100,000

(900,000)

Grand Total .......................................................................... $54,879,000

Summary by Campus
Urbana-Champaign ........................................................ $38,155,000
Chicago Professional Colleges .......................................... 6,724,000
Chicago Undergraduate Division ....................................... 10,000,000

Grand Total .......................................................................... $54,879,000

Schedule A — 1959-61 Biennium

Remodeling, Rehabilitation, and Minor Additions — Urbana-Champaign
Appropriation — $1,000,000

Improvements and rehabilitation of existing buildings are urgently needed. The following, not listed in any order of priority, are examples of such needs.
1. Remodeling of English Building for use by the Department of Physical Education for Women.
2. Remodeling of that area vacated by Physics Department in Physics Laboratory for use by Mining and Metallurgical Engineering Department.
3. Remodeling of area vacated by Physiology Department in Natural History Building for use by Botany Department.
4. Remodeling of area vacated by Department of Bacteriology in Noyes Laboratory for use by Chemistry and Chemical Engineering Department.
5. Remodeling of area vacated by University Press in basement of Administration Building for expansion by other administrative units in building.

1 Assumes the Department of Zoology will continue to use the Vivarium.
2 Assumes completion of required space for Agronomy including greenhouses (based on new reduced standards).
3 To be provided through appropriations to the Medical Center Commission.
4 Subject to adjustment after site has been selected by Board of Trustees.
5 To correct a potentially dangerous overload condition in the electrical distribution system in the old hospital section.
7. Minor Addition to Talbot Laboratory for needs of Theoretical and Applied Mechanics Department.
8. Minor Agriculture structures.
9. Remodeling of McKinley Hospital kitchen, including certain fixed equipment.
11. Remodeling of science units at University High School.

All of the above can not be financed from the appropriations requested, so similar appropriations in each biennium are urgently needed to reduce the large backlog which has been accumulating in the older buildings.

Schedule B — 1959-61 Biennium
Remodeling, Rehabilitation, and Minor Additions — Chicago Professional Colleges
Appropriation — $1,909,000

The remodeling proposed for this biennium is a necessary next step in the planned program of the colleges.

1. Phase II in remodeling the administrative space. $31,000
2. Locker rooms in basement of east wing. 100,000
3. Elevator rehabilitation. 135,000
4. Fire and safety improvements in hospital. 30,000
5. Rehabilitation of biochemistry laboratory. 45,000
6. Remodeling basement for orthopaedics. 66,000
7. Remodeling center section of hospital laboratory. 259,000
8. Remodeling radioisotope laboratory. 120,000
9. Rehabilitation and remodeling in Neuropsychiatric Institute. 87,000
10. Rehabilitation in pharmacology laboratory. 7,000
11. Locker rooms. 30,000
12. Rehabilitation of dietary laboratory. 10,000
13. Obstetrics-Gynecology tube system. 10,000
14. X-ray view room. 150,000
15. Construction at the Drug and Horticultural Station. 169,000
16. Snack bar. 20,000
17. Remodeling on ninth floor. 40,000
18. Remodeling Physical Plant Service Building (to be purchased). 600,000

Total. $1,909,000

Schedule C — 1959-61 Biennium
Land Acquisition — Urbana-Champaign
Appropriation — $2,250,000

The construction of a major building requires approximately two years to complete. Therefore, the land necessary to serve as a site must be acquired prior to the biennium in which the construction is to be started. Additional land is required for buildings, both academic and housing, for parking, and to replace land to be released by the College of Agriculture and for its expansion (which will be needed during the next ten-year period).

Funds should also be available when parcels of land are offered for sale. Purchases made at such times result in lower acquisition costs and make possible interim use by the University.

Schedule D — 1959-61 Biennium
Campus Planning and Building Studies — Urbana-Champaign
Appropriation — $900,000

The University should recognize the value of allowing adequate time for a thorough study and analysis of departmental requests for space and for the preparation of building studies and designs. It is a physical impossibility to prepare plans and specifications, take bids, and complete the construction of a building in a biennium. Therefore, funds should be appropriated for building studies and, whenever possible, for plans and specifications in the biennium prior to that in which
construction is to be started (i.e., funds appropriated in 1959-61 for building studies would be expended on building projects to be constructed in 1961-63). This procedure would eliminate the need for reappropriating funds and allow more effective planning and designing of future University buildings.

This appropriation would provide for:

1. Completion of plans and specifications for $15,000,000 of project costs... $500,000
2. Completion of building studies only for $15,000,000 of project costs... 230,000
3. Related Physical Plant costs........................................ 20,000
4. Continuation of campus planning studies for all campuses........... 150,000

Total................................................................. $900,000

Schedule E—1959-61 Biennium

Protection of Life and Property—Urbana-Champaign

Appropriation—$350,000

1. Natural History Building........................................... $225,000
   a. Enclose (or relocate and enclose) the main stairs and elevator shaft.
   b. Replace elevator with modern worm-gear traction equipment and automatic controls.
   c. Enclose north stairs or construct cutoff at each floor with smoke barrier.
2. Illini Hall........................................................... $50,000
   Enclose the remaining stairways or construct smoke barriers at the foot of each flight of stairs.

The absence of fire retardant enclosed stair towers has long been recognized as a principal contributing cause of major fires resulting in the serious loss of life and property that could otherwise be prevented. The National Board of Fire Underwriters has stated probably the most dangerous feature in the construction of school buildings is the open stairway.

The two buildings listed above are not the only buildings for which enclosed stair towers are recommended; they are, however, the most urgently needed based on the recommendations of the Safety Coordinator of the Safety and Fire Protection Board.

3. The ammonia refrigeration system used for the Ice Skating Rink has failed. It must be replaced by a new, safer freon system in order to keep the rink in service....................................................... $75,000

Total................................................................. $350,000

Schedule F—1959-61 Biennium

Public and Street Improvement Projects—Urbana-Champaign

Appropriation—$900,000

For many years the University has followed the policy of contributing its proportionate share of the costs of duly approved public and street improvement projects sponsored by local public agencies when such improvements adjoin University properties and/or from which the University receives benefits.

Four such projects on which the University has requested to contribute its proportionate share in the 1959-61 biennium are:

1. The expansion of the Urbana-Champaign Sanitary District Plant facilities and the construction of intercepting sewers........................................... $178,000
2. The construction of a diversionary channel around the north side of the community to lift some of the pressure from the main storm water outlet, the Boneyard Creek, by discharging part of the runoff into the Saline or west branch of the Salt Fork River........................................... 115,200
3. The improvement of the main channel of Boneyard Creek between Goodwin and Cunningham Avenues, including sheet steel piling on the banks from Race Street to Lincoln Avenue........................................... 72,000
4. The repaving of Green Street from Wright Street to Goodwin Avenue.......................... 133,100

The following additional projects are recommended:

a. Improvement of First Street from Florida Avenue to approximately 650 feet south of St. Mary's Road........................................... 187,300
b. Improvement of Fourth Street from Florida Avenue to St. Mary's Road.......................... 123,300

These projects are recommended to handle the vehicle and pedestrian traffic to and from the Assembly Hall and adjoining planned parking facilities.
c. The relocation and widening of the Illini Union drive.............. 47 100
This improvement will rearrange the entrances to line up with Burrill Avenue and Kings Highway and will localize the points of traffic congestion on Green Street. The drive is to be widened to 24 feet which will allow for either two-way traffic if there is no parking permitted along the drive, or provide for parking on one side and the safe passage of University fire apparatus and/or other vehicles.

d. The replacement of present bridge on Burrill Avenue.............. 40 000
This improvement is a part of the Burrill Avenue widening project being planned to accommodate right-angle parking.

Schedule G — 1959-61 Biennium

For Matching Funds from Federal, Private, and Other Grants

Appropriation — $900,000

Grants may become available for which matching or supplemental funds will be required. The appropriation requested will be adequate for one to three of the projects listed. The starred items have had various degrees of assurance of outside support.

Examples of such projects are as follows:

*1. Institute of Labor and Industrial Relations
2. Physical Environment Laboratory
*3. Veterinary Medicine — Secure Isolation Ward
4. Radio Astronomy Facility
5. Biophysics Project
6. Bioacoustics Laboratory
*7. Research Methods for Sociology and Anthropology
8. Public Service Training Center (Continuation Center)
9. R.O.T.C. Facilities
10. Radiosotope Laboratory
11. Electron Microscope Laboratory

TABLE III

Preliminary Tentative Building Program for the 1961-63 Biennium

These cost estimates are preliminary approximations. They will be revised as this tentative program is developed during the next two years. All of these projects are subject to continuing study. It will probably be necessary to make substitutions, as urgency of need may change during the next two years.

I. Chicago Undergraduate Division ........................................ $35 000 000

II. Building Projects (not in order of priority)
1. Addition to Hospitals — Chicago Professional Colleges .......... 8 300 000
2. Aeronautical Engineering Building, First stage .................. 600 000
3. Biology Building, Entomology section ......................... 1 600 000
4. Central Receiving Station ........................................... 260 000
5. Civil Engineering Building .......................................... 4 000 000
6. East Chemistry Addition .............................................. 4 100 000
7. Fine and Applied Arts Addition, City Planning and Landscape Architecture, or Fine and Applied Arts Library .................. 580 000
8. Fire Station, South .................................................... 120 000
9. Physical Plant, Administrative Offices ........................... 520 000
10. Remodeling, Rehabilitation, and Minor Additions —
Chicago Professional Colleges ........................................ 470 000
11. Remodeling, Rehabilitation, and Minor Additions —
Urbana-Champaign ....................................................... 1 500 000
12. Relocation of South Garage and Motor Pool ....................... 240 000
13. University Press Addition ............................................ 310 000
14. Veterinary Medicine, Completion of Small and Large Animal Clinic ......................................................... 740 000
15. Women’s Physical Education Addition ............................... 1 400 000

III. Utilities Distribution and Power Plant

Urbana-Champaign .......................................................... 5 000 000

(24 740 000)
IV. Land and Planning

Land Acquisition
- Urbana-Champaign: $1,000,000
- Chicago Professional Colleges: (750,000) \(^1\)

Plans and Specifications
- Urbana-Champaign: $500,000
- Chicago Professional Colleges: (1,500,000)

V. Protection of Life and Property, and Public and Street Improvements

Life and Property
- Urbana-Champaign: $400,000
- Public and Street Improvements: $700,000
- Chicago Professional Colleges: (1,100,000)

VI. Funds to Supplement Outside Grants

- Urbana-Champaign: $900,000
- Chicago Professional Colleges: $100,000
- (1,000,000)

Grand Total: $68,327,000

Summary by Campus

- Urbana-Champaign: $24,470,000
- Chicago Professional Colleges: $8,870,000
- Chicago Undergraduate Division: $35,000,000

Grand Total: $68,340,000

TABLE IV
Preliminary Estimate of Capital Needs 1963-69

The facilities and capital requirements listed here will be needed during the period 1963-69. All projects are subject to continuing study. Substitutions and refinements of this list will occur as the needs change during the next ten years. The cost estimates are based on assumed 1959 levels. Projects are listed alphabetically.

<table>
<thead>
<tr>
<th>Project</th>
<th>Estimated Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Chicago Undergraduate Division</td>
<td>$5,000,000</td>
</tr>
<tr>
<td>2. Drug and Horticultural Building — Chicago Professional Colleges</td>
<td>440,000</td>
</tr>
<tr>
<td>3. East Dentistry-Medicine-Pharmacy Building Completion — Chicago</td>
<td></td>
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<tr>
<td>Professional Colleges</td>
<td>4,770,000</td>
</tr>
<tr>
<td>4. Electrical Distribution Additions — Chicago Professional Colleges</td>
<td>1,400,000</td>
</tr>
<tr>
<td>5. Gymnasium-Auditorium — Chicago Professional Colleges</td>
<td>600,000</td>
</tr>
<tr>
<td>6. Hospital Addition — Chicago Professional Colleges</td>
<td>4,950,000</td>
</tr>
<tr>
<td>7. Libraries Additions — Urbana-Champaign</td>
<td>2,000,000</td>
</tr>
<tr>
<td>8. Medical Research Laboratory Completion — Chicago Professional</td>
<td></td>
</tr>
<tr>
<td>Colleges</td>
<td>2,000,000</td>
</tr>
<tr>
<td>9. Medical Sciences Laboratory Addition — Chicago Professional Colleges</td>
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</tr>
<tr>
<td>10. Remodeling, Rehabilitation, Additions, Minor Structures, and Fire</td>
<td>4,545,000</td>
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<td>Protection — Urbana-Champaign</td>
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<td>11. Remodeling and Minor Additions — Chicago Professional Colleges</td>
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<td>12. Street and Public Improvements — Chicago Professional Colleges</td>
<td>3,900,000</td>
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<tr>
<td>13. Teaching and Research Facilities — Urbana-Champaign</td>
<td>3,627,000</td>
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<tr>
<td>14. Utilities Distribution, Power Plant Additions, Street and Public</td>
<td>7,570,000</td>
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<td>Improvements, Extensions of Other Basic Services, Land Acquisition and</td>
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<tr>
<td>Planning — Urbana-Champaign</td>
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<tr>
<td>Grand Total</td>
<td>$75,315,000</td>
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</table>

Summary by Campus

- Urbana-Champaign: $53,335,000
- Chicago Professional Colleges: 16,980,000
- Chicago Undergraduate Division: $5,000,000

Grand Total: $75,315,000

\(^1\) To be provided through appropriations to the Medical Center Commission.

\(^2\) Additional funds will be required when the enrollment exceeds 6,000 students, some of whom may be juniors and seniors.
APPENDIX

Planning Assumptions

Urbana-Champaign Campus
1. Although the enrollment for 1969 has been estimated by the Bureau of Institutional Research for 33,500, it is proposed at this time that permanent academic facilities be planned for 30,000.
2. Planning will assume continued plant growth after 1969.
3. Planning will allow for the possibility of a change in the ratio of freshmen and sophomores to juniors, seniors, and graduate students.
4. The housing program will continue to be financed through income. However, it is assumed that capital appropriations will include funds to provide land and the utility extensions.
5. The recommended program is based on reduced standards for space.
6. Planned utilization of space will be higher than at present.
7. A total area of approximately 230 gross square feet per student (exclusive of housing, Union Building, etc.), will be the base of estimates.
8. Construction costs will be estimated at the 1959 level which assumes an increase of 4½% per cent per year over the 1957 unit cost estimates.
9. Generally speaking, land acquisition and building planning must be completed the biennium preceding the two years used for construction. This requires that priority decisions for construction be made four years in advance.

Chicago Professional Colleges
1. Land acquisition will continue to be financed from appropriations to the Medical Center Commission.
2. The following projects will be financed on a self-supporting basis: Laundry; Medical Center Steam Plant; Addition to the Chicago Illini Union; Housing.
3. In general, the need for a proposed program results from:
   a. Changes in operational needs and patient-care concepts in hospitals.
   b. Changes in the basic concepts of medical education.
   c. Growth in enrollment, intensification of research, and improvement in service.
   d. Obsolete condition of buildings. The original structures were obtained in a transfer to the University from the State Department of Public Welfare. The buildings were originally constructed for welfare use and were ill-suited for modern medical and dental college use. Subsequent remodeling has improved materially the facilities, but much remains to be done. The plans proposed represent a really thoughtful study of what is needed to produce the facilities for a first-rate group of Colleges of Medicine, Dentistry, Pharmacy, and Nursing.
4. The space estimates are based on the same standards and reductions as are in effect at Urbana-Champaign.
5. The program is based on vertical planning for the hospital and the clinic facilities, for the following reasons:
   a. It improves the ability to provide ancillary services closer to the patient.
   b. It improves operating economies. (Operating costs are more significant than capital costs due to the fact that the operation and maintenance costs equal the capital cost over a two- to four-year period.)
   c. In earlier periods, patients were isolated in separate buildings according to their illness. This is no longer considered sound-planning principles, because the treatment of the illness requires more than one specialty of service. Furthermore, for teaching purposes, the segregation of such illnesses is not considered wise.
   d. The land area available for construction within the Medical Center is highly restricted.
6. The proposed planning and development results in approaching the maximum construction that can be anticipated within the immediate physical area.
7. Clinical facilities in the Medical Center District will be available to the University of Illinois supplementing those of the Research and Education Hospitals.

Chicago Undergraduate Division
The University has employed the Real Estate Research Corporation to recheck sites previously considered for the relocation of the Chicago Undergraduate Division and to analyze additional sites which have been recently proposed.
The principal criteria which are being applied to the various sites are as follows:

1. Criteria Stated as Minimum Standards Which Must Be Met By All Sites.
   a. Accessibility:
      (1) By public transportation, with a maximum travel time of one hour and a maximum fare (at present fare levels) of 57½ cents for a one-way trip, from the homes of at least 50 per cent of the student potential residing in Cook and DuPage Counties.
      (2) Either by public transportation as stated above, or by private automobile with a maximum driving time of forty-five minutes, from the homes of at least 85 per cent of the student potential residing in Cook and DuPage Counties.
   b. Availability:
      The site must be available on a schedule which permits beginning of construction by July, 1960, and the complete operation of the first stage (6,000 students) by the fall of 1963; and also the balance of the site available by 1965 for construction of those buildings needed for the second stage.

2. General Criteria (for application to sites meeting minimum standards).
   a. Expansibility:
      Sites with areas above minimum requirements, or with feasible possibilities of expansion, are to be preferred over sites lacking these qualities.
   b. Cost:
      Sites with low costs are to be preferred to sites with high costs. Such costs include:
      (1) Acquisition cost of the land.
      (2) Development cost of the site.
      (3) The possibility of building low-rise, low-density structures as opposed to higher cost, high-rise buildings.
   c. Environment:
      Sites adjacent to environmental factors which would assist the educational mission of the campus are to be preferred over sites with neutral or unfavorable environmental surroundings. Environmental factors to be evaluated for specific sites include:
      (1) General environment, particularly as to land use, physical condition, identification, prestige, and safety.
      (2) Adjacency to cultural or other facilities which could be used by the University.
      (3) Proximity to areas of superior opportunities for desirable faculty housing, and of potential employment for students.

The first stage of this program will provide permanent space approximating 1,000,000 square feet, which will accommodate 6,000 students in a two-year program. It will also provide the facilities and the opportunity to start a four-year program in certain curricula. It is estimated that this phase of the program will cost approximately $50,000,000, but the cost will vary with the site finally selected. The studies being conducted by the Real Estate Research Corporation will be completed in September, 1958. Funds will be requested in the 1959-61 biennium to complete site acquisition, architectural and engineering studies in order to start construction in 1960. This schedule will result in completion of construction on the first phase of the program, i.e., for 6,000 students in a two-year curricula, by the fall of 1963.

Planning for the second stage of this program is for an enrollment of 15,000 in a four-year program by 1969.

Analyses of Building Projects Recommended for the 1959-61 Biennium

CHICAGO UNDERGRADUATE DIVISION

The amounts requested in 1959-61 will permit the construction program to get into full operation so that the major construction planned for the subsequent biennium can be accomplished.

Site preparation, utilities distribution, and streets and walks location can be started as soon as a cleared site is available. Also, construction may be started on certain buildings— if building plans and specifications have been pushed forward.

The requests for 1959-61 are for:

Land acquisition .......................................................... $ 3,500,0001

1 Subject to adjustment after site has been selected.
Plans and specifications ......................................................... 1,000,000
Site preparation and start of construction ................................. 3,500,000
Total ..................................................................................... 4,500,000

Chicago Professional Colleges

To achieve the best results in education for the health professions and in patient care, a high degree of utilization of many functions is necessary. In terms of the existing facilities of the Chicago Professional Colleges and its educational programs now in progress, a high concentration of buildings has been found to be advantageous. This has been the experience in other like institutions. Such concentration promotes cohesion between basic scientists and the clinicians, between teaching, research and patient care, and among all the disciples involved in the health sciences.

The building and remodeling program is believed to be sound in principle and logical in sequence. The analysis of needs for these colleges has been based on the revised University standards for offices, laboratories and classrooms. The program has also been based on the changing character of the faculties of Colleges of Medicine and Dentistry where the trend has been toward full-time teachers being added to the staffs. Maintenance of such a staff is only possible through the provision of adequate office, research and patient care facilities.

Construction of a Medical Sciences Addition to the Dentistry-Medicine-Pharmacy Building, First Unit

Appropriation — $3,400,000

Such construction will accomplish the following:
1. Provide the space required to meet the existing deficiencies in the Departments of Anatomy, Biochemistry, Microbiology, Pharmacology, Pathology, and Physiology of the College of Medicine. It will also provide limited areas for growth and development in these departments in proportion to their educational responsibilities.
2. It will permit:
   a. Relocation of the teaching laboratories for the Departments of Microbiology and Pathology.
   b. Relocation of the Aeromedical and Physical Environment Laboratory, thus vacating an area which will provide for hospital development.
3. Vacate space (approximately 10,000 square feet) in the Dentistry-Medicine-Pharmacy Building, Second Unit, which will meet the existing deficiencies of the College of Dentistry.

Completion of First Phase of the Medical Research Laboratories

Appropriation — $415,000

The funds available for construction of the first unit of this building during the 1957-59 biennium are inadequate to provide major items of equipment. The above amount is required for this equipment.

Purchase of Physical Plant Service Building

Appropriation — $300,000

For several years there has been the prospect that the needs of the Physical Plant Department of the Chicago Professional Colleges might be met by the acquisition of a building in the University's area of the Medical Center District. The Chicago Board of Education owns a building meeting these requirements. The University has been informed that the Board of Education plans to vacate the building about June, 1959, and has indicated its willingness to sell this building to the University. This provides an early means of resolving the long-standing deficiency of facilities for the basic service department. Funds for remodeling the building are included in Schedule B of this report.

The other requests for the Chicago Professional Colleges have been detailed elsewhere in this report. They are added here to tabulate the total as follows:

Remodeling, Rehabilitation, and Minor Additions (Schedule B)........... $1,909,000
Utilities Distribution ........................................................................ 200,000
Plans and Specifications ................................................................. 200,000
Protection of Life and Property ...................................................... 200,000
Funds to Supplement Outside Grants .............................................. 100,000
Total ......................................................................................... $6,724,000
Completion of First Stage of Physics Building

Appropriation — $280,000

In view of the fact that movable equipment would not be purchased and could not be used in the building until near the end of the biennium when construction work is nearing completion, it seemed to the best interests of the University to defer the request for equipment allocations to the second stage, thus leaving the greatest possible sum for actual building construction of the first stage.

Completion of First Stage of Fine and Applied Arts Building

Appropriation — $250,000

In view of the fact that movable equipment would not be purchased and could not be used in the building until near the end of the biennium when construction work is nearing completion, it seemed to the best interests of the University to defer the request for equipment allocations to the second stage, thus leaving the greatest possible sum for actual building construction of the first stage.

College of Education Building

1. Size — 57,000 net square feet; 95,000 gross square feet
2. Space
   a. Present assigned space (excluding University High School) ........ 35,413
   b. Estimated deficiency for present program............................. 16,600
   c. Estimate of total additional space required through 1969 (includes 'b' above).................................................. 30,202
   d. Space to be vacated upon completion of project

<table>
<thead>
<tr>
<th>Location</th>
<th>Net Sq. Ft.</th>
<th>Proposed Reassignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gregory Hall</td>
<td>8,642</td>
<td>College of Liberal Arts and Sciences</td>
</tr>
<tr>
<td>1007 S. Wright</td>
<td>2,632</td>
<td>School of Social Work</td>
</tr>
<tr>
<td>1007½ S. Wright</td>
<td>1,417</td>
<td>Institute of Government and Public Affairs</td>
</tr>
<tr>
<td>1116 W. Illinois</td>
<td>669</td>
<td></td>
</tr>
<tr>
<td>1208 W. Springfield</td>
<td>2,272</td>
<td></td>
</tr>
<tr>
<td>1003 W. Nevada</td>
<td>2,149</td>
<td>Razed to provide sites for future construction</td>
</tr>
<tr>
<td>1001 W. Nevada</td>
<td>2,111</td>
<td></td>
</tr>
<tr>
<td>P.G.U.'s (E.L.S.)</td>
<td>8,578</td>
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</tr>
<tr>
<td></td>
<td>28,422</td>
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</tr>
</tbody>
</table>

3. Statement of Relative Urgency

Excerpts from the College's statement of relative urgency. Gross space shortage, inadequacy of present facilities, extreme dispersion of staff and the high percentage of temporary space combine to make the College's request an urgent one. Based on the original standards of the Building Program Committee, there is a deficit of approximately 23,300 square feet not including the space for Industrial Education and University High School. Over half of the College's existing space is in temporary-type facilities. One-fourth of the space is in the Parade Ground units which should be removed to complete the site development for the Men's Residence Halls. The College facilities are in twenty buildings dispersed from Springfield Avenue to Peabody Drive and from Lincoln Avenue to Fourth Street. The average square feet of office per staff member is approximately 74 net square feet with many staff members in offices of no more than 60 square feet.

College of Commerce Building

1. Size — 53,000 net square feet; 88,000 gross square feet
2. Space
   a. Present assigned space ............................................ 24,614
   b. Estimated deficiency for present program....................... 23,200
   c. Estimate of total additional space required through 1969 (includes 'b' above)........................................... 47,148
   d. Space to be vacated upon completion of project

<table>
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<th>Location</th>
<th>Net Sq. Ft.</th>
<th>Proposed Reassignment</th>
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<tbody>
<tr>
<td>Commerce-F.A.A. Annex</td>
<td>2,161</td>
<td></td>
</tr>
<tr>
<td>Sixth Street Building</td>
<td>171</td>
<td></td>
</tr>
<tr>
<td>1007 W. Nevada</td>
<td>1,620</td>
<td>Razed to provide sites for future construction</td>
</tr>
<tr>
<td>514 E. Chalmers (duplex)</td>
<td>1,848</td>
<td>Razed to provide off-street parking facilities</td>
</tr>
</tbody>
</table>
3. **Excerpts from the College’s Statement of Relative Urgency**
   a. If the College of Commerce and Business Administration is to maintain and improve its position in education for business it must have more space and more suitable facilities immediately. David Kinley Hall was constructed thirty years ago at a time when education for business was at a considerably different level and character than is true today. It has become increasingly difficult to keep present programs and activities up to date and it has been impossible, because of lack of facilities, to initiate new programs which should be offered by a well-balanced College of Commerce.

   b. It is estimated that next to the College of Education, the College of Commerce and Business Administration is the most crowded for their present program. The average net square feet of office space per staff member is as low as 86 net square feet with many of the staff in offices of less than 25 square feet. During the past year it has been necessary to further disperse the College by assignment and remodeling one new property and relocating the Bureau of Community Planning in temporary quarters to release space in David Kinley Hall. The College has also asked the College of Journalism and Communications to vacate space in the Commerce-Fine and Applied Arts Annex to provide office facilities for their staff next fall.

**Completion of Physics Building**

1. **Size** — 59,000 net square feet; 98,200 gross square feet

2. **Space**
   a. Present assigned space ........................................ 90,645
   b. Estimated deficiency for present program ........................ none
   c. Estimate of total additional space required through 1969 (includes ‘b’ above) ........................................................ 59,000
   d. Space to be vacated upon completion of project

<table>
<thead>
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<th>Location</th>
<th>Net Sq. Ft.</th>
<th>Proposed Reassignment</th>
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</thead>
<tbody>
<tr>
<td>Physics Building</td>
<td>53,561</td>
<td>Six departments of the College of Engineering will obtain some relief. The Department of Mining and Metallurgical Engineering will obtain major relief.</td>
</tr>
</tbody>
</table>

3. **Statement of Relative Urgency**

   The space presently under construction in the first stage of the new Physics Building will not provide the Department with sufficient facilities to allow the complete vacation of the old Physics Building. It will be necessary for the Department to continue the use of the lecture rooms and a large portion of the research space in that building.

   The completion of the second stage of the new Physics Building will allow the reassignment of the old building and eliminate the necessity for construction during the ten-year period of an addition to the Transportation Building for General Engineering, space for the Department of Mining and Metallurgical Engineering, and give indirect relief to the Departments of Mechanical and Aeronautical Engineering.

   The plans for the second stage are completed and can be released for bids without delay. This is in accordance with the plans for increasing the construction capacity at Urbana-Champaign.

**Seventh Addition to Library — Urbana-Champaign**

   Library space needs are of four kinds: accommodations for readers, book storage, work room for library staff, and space for instruction. A stack addition would meet the book storage function. The proposed wing would provide urgently needed reading rooms, faculty studies, space for technical activities (acquisitions, book binding, cataloging, and photographic reproduction), and Library School classrooms.

   The Library now circulates approximately 1,000,000 books and acquires 100,000 volumes annually. No additions to reading room or study space for faculty and students or work rooms for the staff have been made since 1929 when 11,465 students were registered, and the staff numbered 91 instead of the present 246. The stack addition currently under construction was designed for a maximum capacity of 500,000 volumes. It does not provide the other facilities listed and which were requested last biennium.
The rapid growth, quantitatively and qualitatively, of the University of Illinois Library is a remarkable phenomenon. Here is the third largest university library in America, and probably in the world. The Library is one of the strongest bonds, holding an outstanding faculty to the University, and is an important influence in attracting top-notch graduate and professional students. No university can be truly great without a great library, and Illinois' reputation is based in no small degree upon the possession of such a library. Furthermore, a library is never finished, for a library that has stopped growing is dead, and soon loses much of its interest and value for the scholar. Under today's conditions, it is inconceivable that scholars could be developed and trained and carry on their work without access to libraries. Even those subject fields which depend primarily on laboratories must support strong libraries in order to avoid repetition of effort and to serve as points of departure for new scientific advances. It may be fairly stated that an adequate library is not only the basis of all teaching and study, but is an essential condition for research, without which additions are unlikely to be made to the sum of human knowledge.

To assure that the University of Illinois Library will continue to hold its outstanding position of leadership among the world's university libraries and make its maximum contribution to the University community, the Building Program Committee recommends highest priority for the proposed addition.

Completion of the Art Building (Department of Art)

1. Size — 12,000 net square feet; 20,000 gross square feet
2. Space
   a. Present assigned space ........................................... 38,116
   Space under construction ............................................ 46,303
   Space to be vacated upon completion of the first stage ............ 13,332
   Total of present assigned space .................................... 71,087
   b. Estimated deficiency for present program (if all the Department existing space is retained there will be no shortage for present program)
   c. Estimate of total additional space required through 1969 (includes 'b' above) .................................................. 36,953
   d. Space to be vacated upon completion of project

Location Net Sq. Ft. Proposed Reassignment
Survey Building 2,454 Razed to provide sites for new construction
Sixth Street Building 6,195
505 S. Goodwin 1,482
1009 W. Nevada 3,473
1110 W. Illinois 3,920
Civil Engineering Hall 3,890 College of Engineering
Lincoln Hall 1,339 College of Liberal Arts and Sciences
David Kinley Hall 2,031 College of Commerce and Business Administration

3. Statement of Relative Urgency
   a. Projects within the College in the order of priority as submitted by the College, 1957:
   Project Order of Priority
   Architecture 1
   Art 2
   Music 3
   Small Homes Council 4
   City Planning and Landscape Architecture 5
   University Bands 6
   b. Excerpts from the College's statement of relative urgency. The Department has been forced to limit enrollment of freshmen and of graduate students in painting and graphics. It has not been able to add needed sections in several service courses. The number of students in sections has increased far beyond the point where proper education procedures can be maintained.
   There is great need for more studio space for present staff members. Only a quarter of the staff have such space. This will be an increasingly difficult situation in attracting new staff members.
   c. The space included in the first stage of the Art Building is not sufficient to allow the vacation of any of the Department's existing space except 13,332
net square feet in the Architecture Building. However, it will allow the correction of the deficiencies mentioned in 'b' above and eliminate the necessity of night classes.

The completion of the second stage of the Art Building will allow the consolidation of the Department's facilities which are at present scattered in eight different buildings, and will release space urgently needed in Civil Engineering Hall, Lincoln Hall, and David Kinley Hall.

Second Unit of Biology Building (Department of Zoology)

1. Size — 58,000 net square feet; 97,000 gross square feet
2. Space
   a. Present assigned space.................................................. 32,906
   b. Estimated deficiency for present program.................. 3,500
   c. Estimate of total additional space required through 1969 (includes 'b' above).............................. 16,917
   d. Space to be vacated upon completion of project

<table>
<thead>
<tr>
<th>Location</th>
<th>Net Sq. Ft.</th>
<th>Proposed Reassignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural History Building</td>
<td>16,287</td>
<td>College of Liberal Arts and Sciences, Botany</td>
</tr>
</tbody>
</table>

3. Statement of Relative Urgency

The needs of laboratory sciences are the most urgent and some are dangerously critical. If we assume new buildings for (1) College of Education (space then becomes available for Psychology) and (2) Plant Sciences and the remaining Agricultural space in Davenport Hall (this space assigned to Geology), Liberal Arts and Sciences needs these new buildings:

(1) Completion of Biology Building
(2) Chemistry Building

The other needs can be cared for in reassigned space in (1) Davenport Hall (for Geology), (2) Gregory Hall, (3) West Noyes Laboratory, and (4) Natural History Building.

a. The completion of the Plant Science first unit for Agronomy will vacate space in Davenport Hall which has been assigned to the Geology Department, the Liberal Arts and Sciences number one priority.

b. Planning for Chemistry has been proposed and funds are requested which will enable the proposals for the Liberal Arts and Sciences number two priority in the 1961-63 biennium.

c. Botany — Liberal Arts and Sciences number three priority will be provided for in the Natural History Building upon completion of the second unit of the Biology Building.

Physical Plant Service Building

1. Size — 92,327 net square feet; 131,896 gross square feet
2. Space
   a. Present assigned space.................................................. 151,078
   b. Estimated deficiency for present needs............................. 23,090
   c. Space to be vacated upon completion of project

<table>
<thead>
<tr>
<th>Location</th>
<th>Net Sq. Ft.</th>
<th>Proposed Reassignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agronomy Storehouse</td>
<td>9,666</td>
<td>Razed</td>
</tr>
<tr>
<td>Fire Station and Garage</td>
<td>6,920</td>
<td>Razed</td>
</tr>
<tr>
<td>Transportation Building</td>
<td>9,976</td>
<td>General Engineering</td>
</tr>
<tr>
<td>Woodshop and Foundry</td>
<td>10,200</td>
<td>Mechanical Engineering and Industrial Education</td>
</tr>
<tr>
<td>Furniture Warehouse</td>
<td>2,320</td>
<td>Razed</td>
</tr>
<tr>
<td>Garage and Shops, North</td>
<td>19,936</td>
<td>Razed</td>
</tr>
<tr>
<td>Physical Plant Service Building Annex</td>
<td>821</td>
<td>Razed</td>
</tr>
<tr>
<td>Paint, Key, and Shade Shop</td>
<td>3,328</td>
<td>Razed</td>
</tr>
<tr>
<td>Warehouse Annex</td>
<td>7,821</td>
<td>Razed</td>
</tr>
<tr>
<td>Warehouse No. 1</td>
<td>14,391</td>
<td>Razed</td>
</tr>
<tr>
<td>Warehouse No. 2</td>
<td>7,693</td>
<td>Razed</td>
</tr>
<tr>
<td>Mechanical Engineering Laboratory</td>
<td>2,805</td>
<td>Mechanical Engineering and Physical Environment Unit</td>
</tr>
<tr>
<td>Engineering Research Laboratory</td>
<td>1,485</td>
<td>Control Systems Laboratory</td>
</tr>
<tr>
<td>Small Homes Council Research Office</td>
<td>48</td>
<td>Razed</td>
</tr>
</tbody>
</table>

1 Present assigned space would be adequate if consolidated in one location.
3. **Statement of Relative Urgency**

Physical Plant service facilities of new and modern construction are urgently needed to replace the present inadequate, widely scattered, and poorly located areas now in use. The replacement of these facilities is urgently needed to reduce operation and maintenance costs, to provide adequate working space to meet service requirements of present and proposed buildings, to eliminate present potential fire and physical hazards to life and property, and to enable the University to maintain a standard equal to that required of private industry by state law.

Service facilities are now inadequately housed in sixteen buildings, or portions thereof, in congested and widely-separated areas. There are seven shops located in five different buildings which, by reason of their potential fire, safety, and health hazards, poorly arranged and limited work area, physical obsolescence, and lack of proper storage, locker, toilet, and washroom facilities, should be removed to a new location at the earliest possible time. Four of these shops are located in frame buildings not suitable for shop use. The remaining shops and stores and the administrative offices occupy space that can be converted for other uses.

The present facilities are a leading cause for delays and increased cost of all Physical Plant services. This results in nonproductive time of all employees for travel to and from shops and offices; the duplication of equipment, records, and, in some instances, personnel; the rehandling of materials and supplies makes close supervision extremely difficult and costly. The absence of safe and secure storage and yard space results in damage to and loss and theft of materials and supplies, and in the rapid deterioration of expensive equipment through exposure to the elements. The present facilities can not be expanded to meet the requirements and work load resulting from the construction of new buildings and the general expansion of University programs.

It is estimated that the anticipated economies in operation and maintenance expenditures, resulting from the provision of new facilities, will produce an annual saving of $75,000 to $100,000 or perhaps more. In other words, in from ten to twelve years such savings should nearly liquidate the state's investment in new and modern facilities designed to adequately serve the needs of the University.

**Addition to Electrical Engineering Building (Department of Electrical Engineering)**

1. **Size**
   - 36,600 net square feet; 66,000 gross square feet

2. **Space**
   - Present assigned space
   - Estimated deficiency for present program
   - Estimate of total additional space required through 1969 (includes 'b' above)
   - Space to be vacated upon completion of project
   - Net Sq. Ft.
   - 97,212
   - 8,000
   - 35,957
   - None

3. **Statement of Relative Urgency**

The completion of this project will provide a maximum amount of additional usable space directly adjacent to the Department's existing facilities. The foundation and structure were originally designed with the proposed addition in mind, and will not require the use of additional land in the area. However, the space provided will not be sufficient to allow the vacation of any of the existing facilities presently used by the Department.

**First Unit of Plant Science Building (Department of Agronomy)**

1. **Size**
   - Building—64,000 net square feet; 104,000 gross square feet
   - Greenhouses—21,550 gross square feet
   - 21,550 gross square feet

2. **Space**
   - Present assigned space (excluding greenhouses and farm buildings)
   - Estimated deficiency for present program
   - Estimate of additional space required through 1969 (includes 'b' above)
   - Space to be vacated upon completion of this project
   - Net Sq. Ft.
   - Proposed Reassignment
   - 44,057
   - Geology

3. **Statement of Urgency of Need**

Because of the central location of Davenport Hall, its ultimate use is required for the College of Liberal Arts and Sciences. The space that can be vacated by construction for Agronomy will relieve the immediate need to construct space for Geology, the most pressing need in the College of Liberal Arts and Sciences.
Addition to Smith Music Hall (School of Music)

1. Size — 21,700 net square feet; 38,400 gross square feet

2. Space
   a. Present assigned space ........................................ 26,480
   b. Estimated deficiency for present program ...................... 11,500
   c. Estimate of total additional space required through 1969 (includes ‘b’ above) ................................................... 36,188
   d. Space to be vacated upon completion of project .............. none

3. Statement of Urgency of Need
   a. In order to meet the standards of the National Association of Schools of Music, 125 practice rooms would be required for the present enrollment. There are 69 available for this purpose. At present, 61 office-studios are used by 81 staff members for instruction in applied music. Ten additional spaces of this kind are urgently needed. Seventy per cent of the total program is carried on in temporary facilities not designed for this purpose.
   b. The School of Music has 16 practice rooms (2,800 net square feet) and 15 office-studios (2,398 net square feet) in the properties at 606, 606 1/2, and 608 South Mathews Avenue. It will be necessary to relocate these activities when an addition to the East Chemistry Building is constructed, if located as suggested by that Department. The net square feet included in the proposed addition to Smith Music Hall is sufficient to enable the School of Music to meet the standards for practice rooms and office-studios, replace the facilities lost if the above-mentioned properties are razed, and provide expansion for their inadequate library facilities.

ROSTER. UNIVERSITY BUILDING PROGRAM COMMITTEE 1957-59

G. A. BENNETT, Dean, College of Medicine, Chicago Professional Colleges
B. L. DODDS, Dean, College of Education
P. M. GREEN, Dean, College of Commerce and Business Administration
R. P. HACKETT, Associate Dean of Commerce, Chicago Undergraduate Division
T. S. HAMILTON, Associate Director, Agricultural Experiment Station
C. S. HAVENS, Director, Physical Plant
R. E. TERRY, Professor of Pharmacy, Chicago Professional Colleges
A. S. WELLER, Dean, College of Fine and Applied Arts
G. W. WHITE, Head, Department of Geology
N. A. PARKER, Chairman; Head, Department of Mechanical Engineering
J. V. EDSALL, Secretary; Research Specialist in charge of Space Planning Office
E. L. STOUFFER, University Architect
W. C. HUNTINGTON, Consultant on Building Program; Professor of Civil Engineering, Emeritus
A. M. RICHARDSON, Consultant on Campus Planning; A. M. Richardson and Associates
J. E. BAERWALD, Consultant on Traffic and Parking; Associate Professor of Traffic Engineering
The September meeting of the Board of Trustees of the University of Illinois was held in the Peoria Country Club, Peoria, Illinois, on Tuesday, September 30, 1958, beginning at 2:00 p.m., central daylight saving time.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Vernon L. Nickell, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lesemann, Legal Counsel, Director C. S. Havens of the Physical Plant Department, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on May 29, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 1235 to 1272, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clyde Barnhart, Jr.</td>
<td>Lawrenceville, Illinois</td>
<td>Indiana</td>
</tr>
<tr>
<td>Andrew John Collins</td>
<td>Gary, Indiana</td>
<td>Indiana</td>
</tr>
<tr>
<td>Stanley Richard Freireich</td>
<td>Skokie, Illinois</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Richard James Matteson</td>
<td>Joliet, Illinois</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Sheldon LeRoy Minow</td>
<td>Chicago, Illinois</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>John Daniel Muth</td>
<td>Park Forest, Illinois</td>
<td>Maryland</td>
</tr>
</tbody>
</table>

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1958, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arthur Grant Bailey</td>
<td>Glen Ellyn</td>
<td></td>
</tr>
<tr>
<td>Ronald Haines Bates</td>
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<td></td>
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<tr>
<td>Theron Ronald Breson</td>
<td>Rockford</td>
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<tr>
<td>Chester F. Biel</td>
<td>Niles</td>
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<tr>
<td>Jack Cyrus Bridges</td>
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<tr>
<td>Hugo David Brod</td>
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<tr>
<td>Malcolm LeRoy Brown</td>
<td>Homewood</td>
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<tr>
<td>Robert Earl Brunson</td>
<td>Champaign</td>
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<tr>
<td>William Stanley Cabaj, Jr.</td>
<td>Chicago</td>
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<tr>
<td>Donald Charles Callahan</td>
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<tr>
<td>John David Cartland</td>
<td>Chicago</td>
<td></td>
</tr>
<tr>
<td>Donald Eugene Catlin</td>
<td>Decatur</td>
<td></td>
</tr>
<tr>
<td>Sylvester John Chody, Jr.</td>
<td>(River Grove)</td>
<td></td>
</tr>
<tr>
<td>Ralph William Conrad</td>
<td>Skokie</td>
<td></td>
</tr>
<tr>
<td>Dale Arlyn Dodge</td>
<td>LaGrange</td>
<td></td>
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<tr>
<td>John Joseph Egan</td>
<td>River Forest</td>
<td></td>
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<tr>
<td>Norris Kenneth Ekstrom</td>
<td>Chicago</td>
<td></td>
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<tr>
<td>Charles Walton Elliott</td>
<td>Brookfield</td>
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<td>Gene Belton Ellison</td>
<td>Broadview</td>
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<td>Donald Neil Eyler</td>
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<td>William James Falstad</td>
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<tr>
<td>Lawrence Feldman</td>
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<tr>
<td>Herbert Morton Fisher</td>
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<tr>
<td>Harold William Fritz</td>
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<td>James Gordon Geiger</td>
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<td>John Vincent Giovenco</td>
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<tr>
<td>Larry David Gipple</td>
<td>Moline</td>
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<tr>
<td>Martin Goldsholl</td>
<td>Park Forest</td>
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<tr>
<td>Arthur John Goodsite</td>
<td>Chicago</td>
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<tr>
<td>Harold Lee Gourley</td>
<td>Roselle</td>
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<tr>
<td>David Francis Govednik</td>
<td>LaGrange</td>
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<tr>
<td>John Thomas Gowen</td>
<td>Chicago</td>
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<tr>
<td>Lawrence Jay Grill</td>
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<tr>
<td>Elmore Curtis Gripp</td>
<td>Evanston</td>
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<tr>
<td>John Francis Guy</td>
<td>Chicago</td>
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<tr>
<td>William Henry Halama, Jr.</td>
<td>Chicago</td>
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<tr>
<td>Jack Curtis Hoffmann</td>
<td>Macomb</td>
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<tr>
<td>James William Humphrey</td>
<td>Chicago</td>
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<tr>
<td>Clarence Houlton Jackman</td>
<td>Peoria</td>
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<tr>
<td>Stuart Morton Jaffe</td>
<td>Chicago</td>
<td></td>
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<tr>
<td>Richard Kenneth Janger</td>
<td>Chicago</td>
<td></td>
</tr>
<tr>
<td>Gordon Malcolm Johns</td>
<td>Wilmette</td>
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<tr>
<td>Ronald Stuart Katch</td>
<td>Chicago</td>
<td></td>
</tr>
<tr>
<td>John Stephen Koach</td>
<td>DeKalb</td>
<td></td>
</tr>
<tr>
<td>Richard Leslie Labinger</td>
<td>Chicago</td>
<td></td>
</tr>
<tr>
<td>Richard James Lannon, Jr.</td>
<td>Saumemin</td>
<td></td>
</tr>
<tr>
<td>Russell Elmer Larsen</td>
<td>Park Ridge</td>
<td></td>
</tr>
<tr>
<td>Don Curtis Lein</td>
<td>Maquoketa, Iowa—temporary while in service</td>
<td></td>
</tr>
</tbody>
</table>
On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Jean H. Baer, Counselor in the Student Counseling Service and Assistant Professor of Education and Social Sciences, Chicago Undergraduate Division, beginning September 1, 1958, at an annual salary of $8,000 (BY).

2. Leon Bess, Assistant Professor of Physics, Chicago Undergraduate Division, on one-third time, beginning September 1, 1958, at an annual salary of $2,200 (B33).

3. Allen M. Burkman, Assistant Professor of Pharmacology, College of Pharmacy, beginning September 1, 1958, at an annual salary of $6,500 (D).

4. Sven Danö, Visiting Research Associate Professor of Economics, for five months from September 1, 1958, at a salary of $5,000 (G).

5. Edward L. Deam, Assistant Professor of Architecture, beginning September 1, 1958, at an annual salary of $7,500 (D).

6. Rebecca Elbingcr, Assistant Professor of Physical Sciences, Chicago Undergraduate Division, beginning September 1, 1958, at an annual salary of $5,800 (D).

7. Julia Outhouse Holmes, Professor of Nutrition, Home Economics Department, beginning September 1, 1958, at an annual salary of $10,500 (AY).

8. Richard Jerrard, Assistant Professor of Mathematics, beginning September 1, 1958, at an annual salary of $8,000 (B).

9. Lothar A. Joos, Associate Professor of Climatology, Department of Horticulture (C and S), beginning September 1, 1958, without salary (DY).

10. Charles E. King, Assistant Professor of Architecture, beginning September 1, 1958, at an annual salary of $8,000 (D).
11. JULIUS O. KOPPLIN, Assistant Professor of Electrical Engineering, beginning September 1, 1958, at an annual salary of $7,500 (D).
12. ROBERT M. KOSANKE, Associate Professor of Botany, on one-tenth time, beginning September 1, 1958, at an annual salary of $900 (DY10).
13. IRVING L. ONY, Assistant Professor of Biological Chemistry, College of Medicine, beginning September 1, 1958, without salary (DY).
14. XENIA MAZZAT, Assistant Professor of Pharmacology, College of Medicine, beginning September 1, 1958, at an annual salary of $7,000 (B).
15. NOEL D. MARTIN, Visiting Associate Professor of Pedodontics, College of Dentistry, on three-fourths time, for six months from September 1, 1958, at a salary of $3,600 (DY75).
16. JAMES R. G. OLSON, Assistant Professor in the Bureau of Business Management, beginning October 1, 1958, at an annual salary of $7,500 (DY).
17. JESSE R. PICKARD, Assistant Professor of Veterinary Extension, Department of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine and in the Extension Service in Agriculture and Home Economics, beginning September 1, 1958, at an annual salary of $8,400 (E-DY).
18. ERNEST E. PROVOST, Assistant Professor of Zoology, beginning September 1, 1958, at an annual salary of $5,600 (D).
19. DONALD T. SHANNON, Assistant Professor of Psychology, beginning September 1, 1958, at an annual salary of $7,000 (D).
20. GEORGE SINCLAIR, Visiting Research Professor of Electrical Engineering, for one year from July 1, 1958, without salary (FY).
21. ANN TRIANDIS, Assistant Professor of Psychology, on one-third time, beginning September 1, 1958, at an annual salary of $2,200 (D).
22. JEANNETTE VEATCH, Visiting Associate Professor of Education, beginning September 16, 1958, at an annual salary of $8,000 (E).
23. ROBERT C. WHITE, Map and Geography Librarian with rank of Assistant Professor, beginning September 1, 1958, at an annual salary of $6,850 (BY).

On motion of Mr. Herrick, these appointments were confirmed.

APPOINTMENT TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) The resignation of Professor Marcus M. Rhoades of the Department of Botany, who was appointed to the Board of Directors of the Athletic Association in March, 1958, leaves a vacancy in the faculty membership of that Board. To replace him, I nominate Professor Joseph A. Russell of the Department of Geography, this appointment to become effective immediately, to serve until the next annual meeting of the Board of Trustees in March, 1959.

On motion of Mr. Nickell, this appointment was approved.

SITE STUDIES FOR THE RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

(4) The Real Estate Research Corporation of Chicago has been employed for site studies for the relocation of the Chicago Undergraduate Division and has been authorized to employ such engineers and planners as may be needed to expedite its studies.

It was contemplated that the report would be made on or before September 30, but it will not be possible to meet that schedule in view of the amount of work to be done on the various sites proposed and under consideration. Accordingly, the Real Estate Research Corporation, at their request, has been given an extension of time for the completion of this report.

On motion of Mr. Bissell, this extension of time was approved.

EDUCATIONAL GRANTS FUND

(5) The University has been receiving a number of unrestricted grants from business and industrial corporations. These are usually supplementary to grants for graduate fellowships, undergraduate scholarships, and for research. They are a recognition by the donors of the educational costs to the University in connection with fellowships and scholarships and service expense in the administration of research grants. In some cases these grants are in recognition by the officers of
a corporation that some of them have received their education at the University of Illinois.

I recommend that the Board authorize depositing all such income in a special trust fund designated as "Educational Grants Funds," and that the President of the University be authorized to make assignments from this source for nonrecurring educational purposes.

On motion of Mr. Hughes, this recommendation was approved, and authority was given as requested, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

PURCHASE OF AIR RIGHTS AT UNIVERSITY OF ILLINOIS AIRPORT
(6) In accepting grants of funds from the Federal Civil Aeronautics Administration for the construction of the first unit of a terminal building and control tower at the University of Illinois Airport, the University agreed to try to acquire the property, or at least the air rights over the property, adjoining the north and south ends of the North-South Runway.

As a result of the negotiations with owners of the property at the south end of the runway, Mr. Elmer Clifford Fisher has agreed to sell the rights over fifty-two acres of the property he owns for $1,783.46, or approximately $34.30 an acre. Mr. Walter C. Fisher, who owns approximately seven acres, has agreed to a price of $245, approximately the same per-acre price.

Air rights in this recommendation means an agreement by the owner of the land that he will not permit any growth or construction in the area covered by the agreement which would obstruct the take-off or landing of aircraft at a predetermined glide angle of fifty to one or an elevation of one foot for each fifty feet of horizontal distance.

The air space in which the easement and right-of-way will be granted by Mr. Elmer Clifford Fisher is that which lies above the following heights:

Commencing at an elevation of 772.79 feet mean sea level along the north side of the following described parcels of land and increasing in elevation as an inclined plane at a ratio of 50:1—one foot of elevation for each fifty (50) feet of horizontal distance—to an elevation of 799.05 feet mean sea level along the south side of the following described parcels of land:

The South West Quarter (SW¼) of the South East Quarter (SE¾) of Section Ten (10), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois; and

The West (W) Four Hundred Ten (410) feet of the South East Quarter (SE¾) of the South East Quarter (SE¼) of Section Ten (10), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign, and State of Illinois.

The south end of North-South Runway 36, University of Illinois Airport, is 749.05 feet mean sea level elevation, and therefore the aforesaid heights are 23.74 feet on the north side of the above described parcels of land to fifty (50) feet on the south side of the above described parcels of land higher than the south end of said runway.

The air space in which the easement and right-of-way will be granted by Mr. Walter C. Fisher and Maude G. Fisher, his wife, is that which lies above the following heights:

Commencing at an elevation of 749.05 feet mean sea level along the north side of the following described parcel of land and continuing at said elevation to a line two hundred (200) feet south of the south end of North-South Runway 36, University of Illinois Airport, and parallel to the north line of the following described parcel of land thence increasing in elevation as an inclined plane at a ratio of 50:1—one foot of elevation for each fifty (50) feet of horizontal distance—to an elevation of 772.79 feet mean sea level along the south side of the following described parcel of land:

The West Two Hundred Twenty (220) feet of the North East Quarter
(NE¼) of the South East Quarter (SE¾) of Section Ten (10), Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.), in the County of Champaign and State of Illinois.

The south end of North-South Runway 36, University of Illinois Airport, is 749.05 feet mean sea level elevation and, therefore, the aforesaid heights are 0 feet on the north side of the above described parcel of land to 23.74 feet on the south side of the above described parcel of land higher than the south end of said runway. The easement grant will contain a reservation by the grantor permitting him to continue raising normal farm crops and, in areas where the height limitations are less than ten (10) feet above the present surface of the ground, grantor reserves the right to erect structures up to, but not in excess of, five (5) feet in height.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend the payment of $1,783.46 to Mr. Elmer Clifford Fisher for the rights over the property owned by him and the payment of $245 to Mr. Walter C. Fisher for the rights over the property owned by him, and an assignment of $2,029 from the General Reserve of the University for this purpose.

Negotiations are underway for the acquisition of the property, or the rights over the property, adjoining the north end of the North-South Runway.

I concur.

On motion of Mrs. Holt, this recommendation was approved, and the requested appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

REMOVAL OF HOUSES AND CONSTRUCTION OF PARKING LOTS

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts as follows for the removal of sixteen houses recently acquired by the University for future expansion:

To D. Earl Barnes, Urbana, $205 to be paid to the University for removal of the house at 1102 West Illinois Street, Urbana.

To A.B.C. Wrecking Company, Chicago, $1,375.11 to be paid by the University for removal of houses at 1011 West Springfield Avenue, 1006 West Green Street, and 1108 West Illinois Street, Urbana.

To Ray Cook, Danville, $320 to be paid by the University for removal of the house at 201 South Gregory Street, Urbana.

To Harold and Byron Carden, doing business as Carden Brothers, Paxton, $2,950 to be paid by the University for removal of houses at 1011, 1013, 1101, and 1103 West Green Street, and 1006, 1010, 1104, and 1106 West Illinois Street, Urbana, and 507 East Chalmers Street, Champaign.

To Glen D. Archer, Allerton, $1,350 to be paid by the University for removal of houses at 508 East John Street and 506 East Chalmers Street, Champaign.

All prices are based on sealed bids received on these removals, and the recommendations are based on the lowest cost (or highest payment in the one case) to the University.

The properties at 508 East John Street and 1011 West Springfield Avenue will be used as parking lots. The properties at 507 and 506 East Chalmers Street are on the site of the new Faculty Club, but will be used temporarily as parking lots. The other properties are sites for the construction of student residence halls, and their removal will be paid for from Housing Division funds.

A bid was also received for the removal of the house at 1008 West Green Street, Urbana. However, it will be to the University's best interests to retain this house for use of the contractor in the construction of the residence hall for graduate students and include its removal as part of the specifications for that project. Accordingly, it is recommended that this bid be rejected.

I concur and recommend an appropriation of $14,000 from the General Reserve for the removal of houses and for the construction of parking lots on the vacated sites at 508, 610, and 614 East John Street, Champaign. The buildings on the last two sites are being removed under contracts previously authorized.
On motion of Mr. Williamson, these recommendations were approved, and the requested appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

REAPPROPRIATION OF UNEXPENDED BALANCES

(8) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations and balances in appropriations for special services and projects not completed on June 30, 1958, be reappropriated for the fiscal year beginning July 1, 1958, in accordance with usual policy.

I concur.

On motion of Mrs. Watkins, these reappropriations were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

Urbana-Champaign

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
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<tbody>
<tr>
<td>General administration and expense.</td>
<td>$27,721</td>
</tr>
<tr>
<td>Chicagoland fair exhibit.</td>
<td>$228</td>
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<tr>
<td>Provost Office, central office on the use of space.</td>
<td>$4,122</td>
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<tr>
<td>Provost Office, instructional television.</td>
<td>$4,433</td>
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<tr>
<td>Agriculture.</td>
<td>$32,154</td>
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<tr>
<td>Commerce and Business Administration.</td>
<td>$14,225</td>
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<td>Education.</td>
<td>$6,994</td>
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<td>Engineering.</td>
<td>$12,593</td>
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<td>Technograph and open house.</td>
<td>$311</td>
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<td>Fine and Applied Arts.</td>
<td>$15,562</td>
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<td>Graduate College.</td>
<td>$9,536</td>
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<td>Graduate College golden anniversary.</td>
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<td>Journalism and Communications.</td>
<td>$9,234</td>
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<td>Law.</td>
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<td>Liberal Arts and Sciences.</td>
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<td>Physical Education.</td>
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<td>University Extension.</td>
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<td>Veterinary Medicine.</td>
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<td>Other schools and colleges.</td>
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<td>Library and Library School.</td>
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<td>Sandburg library.</td>
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<td>Physical Plant.</td>
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<td>Regular operation and maintenance.</td>
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<td>Renewals and replacements.</td>
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<td>Junior Academy of Science conference.</td>
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<td>Regional planning, Champaign County.</td>
<td>$9,000</td>
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<tr>
<td>Traffic study.</td>
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<tr>
<td>Unexpended plant.</td>
<td>$453,804</td>
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<tr>
<td>Accounting, special equipment.</td>
<td>$2,905</td>
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<tr>
<td>English Building, air conditioning.</td>
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<td>Mumford Hall, alterations.</td>
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<td>Agriculture administration, special equipment.</td>
<td>$15,550</td>
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<td>Agronomy, storehouse remodeling.</td>
<td>$980</td>
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<td>Dixon Springs, boys’ camp improvements.</td>
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<tr>
<td>Food Technology, remodeling in Animal Sciences</td>
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<td>Laboratory.</td>
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<td>Horticulture, purchase of truck</td>
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<td>Horticulture, steam boilers.</td>
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<td>Horticulture Field Laboratory, chemical hood.</td>
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<td>Commerce and Business Administration, equipment and remodeling.</td>
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<td>University High School, special equipment.</td>
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<td>Engineering laboratories, air flow.</td>
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1 Deduct, overdraft.
Urbana-Champaign (Continued)

Unexpended plant (Continued)

Civil Engineering, special equipment .................................. 736
Electrical Engineering, special equipment .................................. 2 805
Mechanical Engineering, special equipment .................................. 172
Mining Laboratory improvements .................................. 3 246
Mining and Metallurgical Engineering, special equipment .............. 3 072
Sixth Street Building, alterations and equipment .................. 2 534
505 South Goodwin Avenue, remodeling .......................... 127
Art, special equipment .............................................. 8 751
City Planning and Landscape Architecture, special equipment .......... 699
Music, special equipment ........................................... 3 538
Broadcasting, equipment ............................................. 734
Natural History, remodeling and equipment .............................. 169
East Chemistry Building, remodeling for biochemistry .............. 89 734
English Building, remodeling ........................................ 1 562
Mathematics, special equipment ........................................ 647
Illini Hall, improvements in room 331 .................................. 328
Vivarium Building, remodeling ......................................... 17 468
Purchase of bus .................................................................. 1 230
Veterinary Medicine, special equipment ................................. 3 513
Airport terminal building and control tower ......................... 10 000
Administration Building, remodeling ..................................... 1 620
Administration Building, air conditioning ................................ 2 995
Artillery, room 107 and 107A dark room .................................. 223
Artillery, alterations in room ........................................... 3 085
Administration Building, air conditioning room 356 ................. 207
Illini Hall, air conditioning room 232 .................................. 1 730
Lincoln Hall, air conditioning room 201 ................................ 1 173
Art museum ...................................................................... 85 000
Artillery, rifle range improvements ...................................... 169
Administrative office changes ........................................... 1 303
Altgeld Hall, law library .................................................. 36
Architectural promotional studies .......................................... 1 146
Architectural studies for future buildings ............................... 77 113
Architectural services ...................................................... 13 497
Bureau of Community Planning, relocation ............................... 111
1205 West California Avenue, remodeling ............................... 750
Digital Computer Laboratory ............................................ 14 815
East Chemistry Building, remodeling ....................................... 106
Civil Engineering Hall, remodeling ......................................... 4 917
Commerce, relocation and remodeling ..................................... 126
David Kinley Hall, air conditioning room 377 ............................ 1 65
David Kinley Hall, remodeling room 215A ................................ 2 609
Engineering services power plant, addition to utilities distribution system .................................................. 40 000
English Building, remodeling room 108 ................................... 183
English Building, remodeling rest room .................................... 53
Food storage building .......................................................... 1 220
Engineering Research Laboratory, 701 installation .................... 59 619
Electrical Engineering, bioacoustics laboratory ......................... 131 210
Chemistry Annex, fire stairs ................................................. 6 345
601-611 East Green Street, leasehold improvements .................. 42 272
Gregory Hall, partitions fourth floor ........................................ 1 136
Harker Hall, remodeling .................................................... 6 189
Horticulture Field Laboratory, transformer bank ......................... 66
Huff Gymnasium, health and safety laboratory ...................... 17 071
Huff Gymnasium, room 306 ventilation .................................... 621
Land acquisition ............................................................. 1 50
Law Building basement ...................................................... 27 126
Library, lighting improvements ............................................ 1 461
Minor improvements ......................................................... 934

1 Deduct, overdraft.
Mumford Hall, transformer vault ............................................ 7,734
National homes improvements .............................................. 666
1201 West Nevada Street, remodeling ...................................... 31
Nursery relocation .................................................................. 2,726
Noyes Laboratory, renovation and modernization ......................... 274
Observatory, addition ............................................................ 333
Parking facilities ..................................................................... 148
President's House, furnishings ............................................... 78
606 W. South Mathews Avenue and 605 South Goodwin Avenue, remodeling .................................................. 277
Remodeling and minor additions unassigned ............................... 420
Smith Music Hall, temperature controls .................................... 214
Stenographic Bureau, relocation .............................................. 1,372
Smith Music Hall, acoustical treatment ..................................... 395
Student and staff housing planning .......................................... 2,000
Study for a four-year University of Illinois in Chicago ................. 917
Tree removal and replanting ................................................... 167
Talbot Laboratory and Civil Engineering Hall, alterations ............. 1,271
Talbot Laboratory, partitions .................................................. 293
Urbana-Champaign Sanitary District ....................................... 25,000
University Press Building ...................................................... 63,912
1007 South Wright Street, reconditioning ................................ 4,234
Total, Urbana-Champaign ..................................................... 841,831

Chicago Professional Colleges

General administration and expense .......................................... 11,535
  Business Office, tabulating equipment .................................... 583
  Medicine ........................................................................... 12,118
  Dentistry .......................................................................... 29,096
  Pharmacy .......................................................................... 1,493
  Graduate College ............................................................. 15,593
  Nursing ............................................................................ 1,472
  Physical Education for Men ............................................... 1,093
  Broadcasting ..................................................................... 1,414
  Aeronautical Laboratory ..................................................... 121
  Division of Services for Crippled Children ............................... 232
  Research and Educational Hospitals ..................................... 52,654
  Library .............................................................................. 4,686
Physical Plant
  Regular operation and maintenance ........................................ 6,269
  Renewals and replacements ................................................ 44,808
  Medical Steam Plant .......................................................... 34,283
  Bond debt service ................................................................ 21,000
Unexpended plant
  Vice-President's Office, furniture .......................................... 511
  Admissions and Records, electric typewriter ............................ 300
  Dean of Students, repair of musical instruments ....................... 118
  Radiology, purchase of freezer ............................................ 310
  Dentistry, rehabilitate cabinets ............................................ 177
  Pharmacy, special equipment ................................................ 424
  Pharmacy, physics equipment .............................................. 96
  Physiology, pharmacology equipment .................................... 1,217
  Nursing, special equipment ................................................ 1,167
Research and Educational Hospitals, patient intercommunication system .................................................. 9,313
Research and Educational Hospitals, oral surgery equipment ........ 66
Radiology, special equipment .................................................. 25,684
Coaxial cables to tenth floor ................................................... 1,089
Pathology, gas and electric outlets .......................................... 215
Research and Educational Hospitals, medicine clinic intercommunication system ....................................... 1,650
Oral Surgery, installation of sterilizing units ............................. 383

1 Deduct, overdraft.
Chicago Professional Colleges (Concluded)

Unexpended plant (Concluded)
- Rerouting of first-floor traffic ........................................ 447
- Health Service, remodeling ............................................. 418
- Research and Educational Hospitals, operating room automatic door ........................................ 2 450
- Architectural studies for future buildings ....................... 51 335
- Biochemistry, installing of hoods ..................................... 408
- State RC 89—anatomy ..................................................... 347
- East Dentistry-Medicine-Pharmacy Building, driveway ........ 4 000
- Research and Educational Hospitals, collection center remodeling ............................................... 17 000

Total, Chicago Professional Colleges ................................ (224 321)

Chicago Undergraduate Division

General administration and expense ........................................ 3 540
- Office of Dean, art gallery .............................................. 179
- Chicago area schools relations conference ....................... 396
- 1958 summer conference T.V. expense ................................. 605
- 1 280
- Liberal Arts and Sciences ................................................ 1 770
- Engineering ................................................................. 5 316
- Graduate College ......................................................... 1 197
- Commerce ......................................................................... 375
- Physical Education ......................................................... 1 245
- Armed Forces ................................................................. 93
- Library .............................................................................. 925

Physical Plant
- Regular operation and maintenance .................................... 344
- Renewals and replacements ................................................. 2
- Building rental ................................................................. 1 018

Total, Chicago Undergraduate Division ................................ (7 367)

Conveyance of Sparta Soil Experiment Field

(9) On July 1, 1915, Thomas G. Dean and wife, of Sparta, Illinois, conveyed to the University a twenty-acre tract of land in Randolph County, Illinois, for the purposes of agricultural experimentation and demonstration. The deed, for which no consideration was paid by the University, specified that it was given with the agreement and understanding that if the University of Illinois discontinues using the land for said purposes for a period of more than two consecutive years the University shall, when requested, convey by proper deed to the Sparta Township High School, the east half of the described real estate, and convey by proper deed to the original purchasers of the sixty-four lots of the Thomas G. Dean Addition to the City of Sparta, Illinois, the west half of said tract.

The University has discontinued using this land for experimental purposes, and on May 29, 1958, the Board of Trustees authorized the execution of a quit claim deed conveying the east half of the tract to the County Board of School Trustees of Randolph County, Illinois, or their successors in office, for the use of Sparta Township High School District No. 111 of Randolph County. No request for authority to convey the west half of the tract was submitted to the Board of Trustees at that time because the language in the deed by which it was conveyed to the University raises difficult legal questions as to who is entitled to it. Some of the original purchasers of the lots referred to in the deed from the Deans are still living, a number are dead, and others have left Randolph County, and it

1 Deduct, overdraft.
would be difficult to locate them. It would also be difficult and expensive to locate the heirs of the original purchasers who are now deceased, the heirs of the grantors, and others who may claim an interest in this land. After further study of the question of who is entitled to the west half of the tract under the provisions of the deed from the Deans, the Legal Counsel is inclined to the opinion that the agreement and understanding referred to in the deed is probably not legally enforceable and that the University can probably convey the west half to the High School District without incurring liability to anyone who might assert an interest in the land under the provisions of the 1915 deed. However, he also regards this conclusion sufficiently debatable so that he advises the University not to assume the risk of conveying the west half of the tract without first securing either a judicial determination of the question or some other protection against potential liability. As a result of negotiations with counsel for the Board of Education of the High School of the Sparta Township High School District No. T, the latter has arranged to secure a title guaranty policy insuring, upon certain conditions, the title to the property if it is conveyed by the University to and for the use of the District. As further protection, the District will enter into an agreement with the University to indemnify and hold the University harmless against any liability to others which the University might incur through so conveying that property.

Since the University has abandoned all use of the entire tract, it should not continue to hold title indefinitely, and the land should not remain unoccupied and without care. If the west half of the tract is conveyed to the High School District, the property will be used for public and educational purposes. The importance and value of judicial determination of the question of ownership would not justify the expense of such a legal proceeding; the title guaranty policy along with the agreement between the District and the University should give reasonable protection.

The Dean of the College of Agriculture, the Legal Counsel, and the Vice-President and Comptroller recommend, and I concur, that the west half of the tract be conveyed as specified in the following resolution upon the conditions set forth therein, and that the Comptroller and the Secretary of the Board be authorized to execute and deliver a quit claim deed to convey the property upon these conditions.

Resolution

WHEREAS, by deed bearing date of July 1, 1915, one Thomas G. Dean and Mary Dean, his wife, of Randolph County, Illinois, conveyed to the Board of Trustees of the University of Illinois and their successors in office a tract of land, situated in said county, containing twenty acres more or less and described as follows:

Beginning at a stone at the northwest corner of the S. E. Quarter of the S. E. Quarter of Section 36, T 4 S, R 6 W, Randolph County, Illinois, thence running east along the north line of said S. E. Quarter of the S. E. Quarter of said Section 36 for a distance of 1,177.5 feet, thence running south parallel to and 147.5 feet west of the east line of said Section 36 for a distance of 727.5 feet, thence running west parallel to and 592.5 feet north of the south line of said Section 36 for a distance of 1,181 feet to the west line of said S. E. Quarter of the S. E. Quarter of said Section 36, thence running north along said west line of the S. E. Quarter of the S. E. Quarter of said Section 36 for a distance of 727.5 feet more or less to the point of beginning;

which deed is recorded in Book 78 at page 63 of the records of the Recorder's Office of Randolph County, Illinois; and

WHEREAS, said deed provided that the grantee therein was to use the tract conveyed to it thereby for the purpose of agricultural experimentation and demonstration and further provided that if the grantee should discontinue using said land for said purposes for a period of more than two consecutive years it shall, when requested, convey by proper deed the west half of said above described tract of land to the original purchasers of the sixty-four lots of the Thomas G. Dean Addition to the City of Sparta, Illinois, and

WHEREAS, the grantee in said deed has now discontinued the use by it of said land for said purposes for a period of more than two consecutive years, has
heretofore conveyed, by quit claim deed, and at the request of the Board of Education of Sparta Township High School District No. 111, Randolph County, Illinois, the east half of said hereinabove described tract of land to the County Board of School Trustees of Randolph County, Illinois, for the use of said High School District, and said Board of Education of said District has now requested that the west half of said tract of land be also so conveyed and has offered and agreed that, in consideration for the west half of said tract being so conveyed, it will secure a title guaranty policy from the Chicago Title and Trust Company insuring the title thus conveyed for the use of said District and will also fully and forever indemnify and hold the Board of Trustees of the University of Illinois, its officers, agents, and employees harmless from any and all claims asserted to said portion of said hereinabove described tract by any and all other persons under the provisions of said above mentioned deed conveying the same to this public corporation; and

Whereas, this public corporation has no further use for any portion of said hereinabove described tract of land and the conveyance by it of the west half of the same as requested by the Board of Education of said High School District will enable the same to be devoted to public and educational uses and will benefit the citizens and residents of said High School District including the original purchasers of and the present owners of the lots in said Addition;

Therefore, It Is Hereby Resolved by this Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that, upon the Board of Education of Sparta Township High School District No. 111 securing a title guaranty policy, approved by the University Legal Counsel, insuring the title to the west half of said land and the execution and delivery to the University of an agreement, approved by the University Legal Counsel, upon the part of Sparta Township High School District No. 111, Randolph County, Illinois, through its proper authorities to fully and forever indemnify and hold this public corporation, its officers, agents, and employees harmless from any and all claims of others asserting an interest in said land, the Comptroller and Secretary of this public corporation be, and they are hereby authorized and directed to sign, execute, acknowledge, and deliver upon behalf of this public corporation a quit claim deed conveying the west half of said hereinabove described tract of land from this public corporation to the County Board of School Trustees of Randolph County, Illinois, and to their successors in office, for the use of the Sparta Township High School District No. 111, Randolph County, Illinois.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

ADDITION TO CONTRACT FOR ABBOTT POWER PLANT ADDITION

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $2,985 in the contract with the R. V. Monahan Construction Company for the substructure and miscellaneous work for the construction of the cooling tower (Division “7G”) for the addition to the Abbott Power Plant.

The increase is to compensate the contractor for added costs due to delay in the delivery of pipe furnished by the piping contractor, a delay occasioned by the University's changing the schedule. This occurred when bids taken on September 5, 1957, on the construction of the cooling tower under one contract, including substructure, electrical work, and piping, were found excessive, were rejected, and separate bids were subsequently taken on the three phases of the project. This resulted in a saving of $60,020, and contracts on the three phases of the work were awarded to the three on October 10, 1957.

Sargent and Lundy, Consulting Engineers for the project, and the Physical Plant staff have checked the cost sheets submitted by R. V. Monahan Company and find the cost attributable to the delay to be $2,985.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Swain, this recommendation was approved.
ADDION TO CONTRACT FOR REMODELING OF STOCK PAVILION

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase, not to exceed $27,000, in the contract with English Brothers Company, Champaign, for exterior reconstruction and interior remodeling of the Stock Pavilion, and for the replacement of roof rafters and sheathing as found necessary.

Replacements of roof rafters and sheathing were anticipated when bids were taken, but the extent of the additional work could not be determined until the roof was actually removed, permitting examination of the condition of the sheathing and supporting rafters. Accordingly, contractors were instructed to include in their bids unit prices for such replacements as were found necessary. English Brothers Company submitted a quotation of $1.50 per lineal foot for replacement of rafters and $0.50 per square foot for replacement of sheathing. In view of the amount of the additional work which may have to be done, they reduced their quotations to $1.20 and $0.32 respectively. Complete replacement of the sheathing and rafters would cost approximately $27,000; replacement of all of the sheathing and 50 per cent of the rafters would cost approximately $20,000. Authorization has been requested to proceed with the replacement of the sheathing and rafters as found necessary by actual inspection as the roof is removed, at unit prices of $1.20 per lineal foot for rafters and $0.32 per square foot for sheathing.

Funds are available in the state capital appropriations to the University for 1957-59. To take advantage of favorable weather conditions, it was necessary to proceed immediately with the work. Hence, the recommendation was submitted to the Executive Committee of the Board which has authorized the Comptroller to execute this increase in the contract. Confirmation of the Committee's action is requested.

On motion of Mr. Johnston, the action of the Executive Committee was confirmed.

ADDION TO CONTRACT FOR LANDSCAPING OF MEN'S RESIDENCE HALLS AREA

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $3,988.53 in the contract with the Twin City Nursery and Landscape Service, Urbana, for landscaping of the areas of the three new units of the Men's Residence Halls and for construction of asphalt paved areas and racks for parking bicycles. Funds are available in the allocation for landscape work in the Men's Residence Halls construction account.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mrs. Holt, this recommendation was approved.

PURCHASES

Purchases Authorized

(13) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. In each case, the purchase was recommended on the basis of the lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 tons diammonium phosphate</td>
<td>Agricultural Economics, Allerton Farms</td>
<td>Tennessee Valley Authority, Knoxville, Tenn.</td>
<td>$2,751 25 f.o.b. Sheffield, Ala.</td>
</tr>
<tr>
<td>Five tons ammonium phosphate nitrate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Consulting engineering services for radio astronomy project sponsored by the Office of Naval Research under the direction of Dr. G. C. McVitie and Dr. G. W. Swenson, Jr.</td>
<td>Astronomy</td>
<td>Hanson, Collins, and Rice, Springfield</td>
<td>5,000 00 (maximum)</td>
</tr>
<tr>
<td>One packaged high vacuum pumping system including evaporator assembly</td>
<td>Control Systems Laboratory</td>
<td>Vacuum Equipment Division, the New York Air Brake Co., LaGrange</td>
<td>3,673 00 f.o.b. Camden N.J.</td>
</tr>
</tbody>
</table>
Board of Trustees

September 30

Labor, equipment, and seed necessary to establish a stand of grass on Wittenweber Site, 3 1/2 miles south of Bondville, Illinois (this is the site of antenna installation for the Department of Electrical Engineering).

Labor and materials for painting two Tuscon and one Blaw-Knox self-supporting steel towers.

7,500 copies Atlas of Illinois Resources.

One lot structural steel for use in Electrical Engineering Annex alterations.

On motion of Mrs. Watkins, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed, and the Vice-President and Comptroller recommends, the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

Labor, equipment, and seed necessary to establish a stand of grass on Wittenweber Site, 3 1/2 miles south of Bondville, Illinois (this is the site of antenna installation for the Department of Electrical Engineering).

Labor and materials for painting two Tuscon and one Blaw-Knox self-supporting steel towers.

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Purchases Recommended

The Director of Purchases has proposed, and the Vice-President and Comptroller recommends, the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

Department | Vendor | Cost
--- | --- | ---
Electrical Engineering | Illini Tree & Lawn Service, Urbana | $2,892.00
Radio Station WILL | Alpha Erection Corp., West Branch, Iowa | 7,300.00
Geography | R. R. Donnelley & Sons, Chicago | 9,215.00
Physical Plant Edwin Pratt's Sons Co., Kankakee | 9,381.00

Department | Vendor | Cost
--- | --- | ---
Admissions and Records | W. M. Welch Manufacturing Co., Chicago | $7,977.50
Agricultural Engineering | Russ Law Concrete Contractor, Champaign | 2,658.74
Agriculture—Dixon Springs Experiment Station | J. C. Sams, Bardwell, Ky. | 3,000.00
Agronomy | Altoona Map Co., Altoona, Pa. | 6,445.50
Bacteriology and Physiology | Hamilton Manufacturing Co., Two Rivers, Wis. | 41,192.55
Bacteriology and Physiology | All-Steel Equipment Inc., Aurora | 11,548.46
Biochemistry | Nuclear-Chicago Corp., Chicago | 6,143.94
Ceramic Engineering | The New York Air Brake Co., Camden, N.J. | 8,848.00
Chemical Engineering | Consolidated Electrodynamics Corp., Chicago | 49,645.00
Chemical Engineering | Minneapolis-Honeywell Regulator Co., Peoria | 3,596.00
Histology (Dentistry) | All-Steel Equipment Co., Chicago | 1,061.55

Unidrides and Records | W. M. Welch Manufacturing Co., Chicago | $7,977.50
Agricultural Engineering | Russ Law Concrete Contractor, Champaign | 2,658.74
Agriculture—Dixon Springs Experiment Station | J. C. Sams, Bardwell, Ky. | 3,000.00
Agronomy | Altoona Map Co., Altoona, Pa. | 6,445.50
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Chemical Engineering | Minneapolis-Honeywell Regulator Co., Peoria | 3,596.00
Histology (Dentistry) | All-Steel Equipment Co., Chicago | 1,061.55

90 chairs
43 posture chairs
Two operator chairs
Nine swivel chairs
Seven four-drawer file cabinets
Isotope laboratory equipment consisting of:
One scintillation scanning system
One gas flow counting system
One multi-channel pulse height analyser

Duplicating machine and necessary forms for handling customer orders received by the Visual Aids Service.

Equipment for intercommunicating telephone and paging system for installation in Visual Aids new location on the second floor, Sixth and Green Streets.

215 16 mm. films, titles as listed

66 reams 22 3/4 x 35 41/4 lb. white offset regular finish paper
100 reams 25 x 38 70 lb. white offset regular finish paper
100 reams 22 3/4 x 35 58 lb. white offset regular finish paper
2,000 reams 8 3/4 x 11 50 lb. offset paper

Office Supply Stores

One multilith offset duplicator, model 1250, with mechanical jogger and work organizer

Stainless steel equipment for Illini Union Building Food Service consisting of:
One refrigerator
One combination refrigerator and work table
Two storage units
30,000 bags rock salt (in 50-lb. bags), Grade A, Southern Louisiana, 98.5 per cent NaCl
15,000 lbs. soft white lead paste
30,000 double bag garbage container liners

Financial information:

- Cost: $3,160.00 delivered
- Cost: $3,055.64
- Cost: $4,207.70
- Cost: $3,340.00
- Total: $12,035.34
- Cost: $5,617.75
- Cost: $4,986.00 delivered
- Cost: $4,617.00 delivered
- Cost: $2,512.66 delivered
- Cost: $3,781.80 delivered
- Cost: $4,944.25 delivered
- Cost: $4,739.60 delivered
- Cost: $6,516.40
- Cost: $2,682.18
- Cost: $8,046.54
On motion of Mrs. Watkins, these purchases were authorized.

REPORT ON LAND ACQUISITIONS

(14) Since July 1, 1957, the Board of Trustees has authorized purchases of a number of properties in Urbana and Champaign needed as sites for future University buildings and for expansion of the campus. These purchases are related to the University's building program, and an appropriation was made by the Seventieth General Assembly for the biennium of 1957-59 for land acquisitions. Actions of the Board of Trustees authorizing purchase of specific properties were taken at various meetings during the past year in executive session with the understanding that a complete report would be made public when the land acquisitions program was completed. Now that it has been substantially completed, there is submitted herewith, as a public report, the following list of land acquisitions authorized during this period.

Site for Residence Halls for Undergraduate Men

<table>
<thead>
<tr>
<th>Address</th>
<th>Owner</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(All in Urbana)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000 West Illinois Street</td>
<td>Mr. and Mrs. Walter C. Nogle</td>
<td>$37,000</td>
</tr>
<tr>
<td>1002 West Illinois Street</td>
<td>Mr. and Mrs. Ivan Stearns</td>
<td>33,000</td>
</tr>
<tr>
<td>1006 West Illinois Street</td>
<td>Mrs. Flossie M. Hocking</td>
<td>23,000</td>
</tr>
<tr>
<td>1008 West Illinois Street</td>
<td>Mr. and Mrs. Walter C. Nogle</td>
<td>33,500</td>
</tr>
<tr>
<td>1010 West Illinois Street</td>
<td>Miss Elizabeth I. Keener</td>
<td>25,700</td>
</tr>
<tr>
<td>1102 West Illinois Street</td>
<td>Miss Ruth Linton</td>
<td>32,000</td>
</tr>
<tr>
<td>1104 West Illinois Street</td>
<td>Mr. and Mrs. F. W. Thompson</td>
<td>39,000</td>
</tr>
<tr>
<td>1101 West Green Street</td>
<td>Mr. and Mrs. F. W. Thompson</td>
<td>32,500</td>
</tr>
<tr>
<td>1113 West Green Street</td>
<td>Mr. and Mrs. F. W. Thompson</td>
<td>39,000</td>
</tr>
<tr>
<td>Tract 4 (land adjoining the above three parcels)</td>
<td>Mr. and Mrs. F. W. Thompson</td>
<td>22,000</td>
</tr>
<tr>
<td>1011 West Green Street</td>
<td>Mrs. Marie L. Wueblner</td>
<td>32,500</td>
</tr>
</tbody>
</table>

Site for Residence Hall for Unmarried Graduate Students

<table>
<thead>
<tr>
<th>Address</th>
<th>Owner</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(All in Urbana)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>201 South Gregory Street</td>
<td>Mr. and Mrs. M. V. Kreismanis</td>
<td>$18,500</td>
</tr>
<tr>
<td>1006 West Green Street</td>
<td>Mr. and Mrs. Alfred E. Bach</td>
<td>32,000</td>
</tr>
<tr>
<td>1008 West Green Street</td>
<td>Mr. and Mrs. W. R. Hunsicker</td>
<td>37,500</td>
</tr>
<tr>
<td>1008½ West Green Street (this includes a new apartment house)</td>
<td>Mr. and Mrs. W. R. Hunsicker</td>
<td>55,000</td>
</tr>
</tbody>
</table>
**Site for Student Services Building**

<table>
<thead>
<tr>
<th>Address</th>
<th>Contact</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>610 East John Street,</td>
<td>Mr. Henry K. Vreeland</td>
<td>$45,000</td>
</tr>
<tr>
<td>Champaign</td>
<td></td>
<td></td>
</tr>
<tr>
<td>614 East John Street,</td>
<td>Mr. and Mrs. Cyrus W.</td>
<td>49,700</td>
</tr>
<tr>
<td>Champaign</td>
<td>Vaughn</td>
<td></td>
</tr>
</tbody>
</table>

**Other Land Acquisitions**

<table>
<thead>
<tr>
<th>Address</th>
<th>Contact</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1011 West Springfield</td>
<td>Mr. and Mrs. Ernest F.</td>
<td>$15,000</td>
</tr>
<tr>
<td>Avenue, Urbana</td>
<td>Flock</td>
<td></td>
</tr>
<tr>
<td>508 East John Street,</td>
<td>Mr. George Milleville</td>
<td>29,000</td>
</tr>
<tr>
<td>Champaign</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS**

(15) The Comptroller's report of contracts executed during the period July 1 to August 31, 1958.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Board of Education, Melvin-Sibley Community Unit, District No. 4</td>
<td>School survey</td>
<td>$2,000.00</td>
<td>July 15, 1958</td>
</tr>
<tr>
<td>Creole Petroleum Corp.</td>
<td>Effects of compaction on liners and casings</td>
<td>35,000.00</td>
<td>June 15, 1958</td>
</tr>
<tr>
<td>Creole Petroleum Corp.</td>
<td>Consolidation characteristics of soils under high pressures</td>
<td>26,000.00</td>
<td>June 15, 1958</td>
</tr>
<tr>
<td>Exercycle Corp.</td>
<td>Effects of various amounts and intensities of exercycle riding on human subjects</td>
<td>2,500.00</td>
<td>June 3, 1958</td>
</tr>
<tr>
<td>Illinois Division of Highways, Project IHR-47</td>
<td>Use of admixtures for chemical stabilization of natural soils for road building</td>
<td>8,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Illinois Division of Highways, Project IHR-58</td>
<td>Equipment for the establishment and maintenance of roadside cover</td>
<td>12,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Illinois Division of Highways, Project IHR-59</td>
<td>Widths and cross sections for medians of divided highways</td>
<td>8,500.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>National Lime Association</td>
<td>X-ray diffraction and other methods of analysis</td>
<td>19,500.00</td>
<td>August 11, 1958</td>
</tr>
<tr>
<td>Sandia Corp.</td>
<td>Improvement in present knowledge of strong shock interactions</td>
<td>19,000.00</td>
<td>May 12, 1958</td>
</tr>
<tr>
<td>The Texas Co.</td>
<td>Toxicity to corn of corrosion inhibitors in nitrogen solutions</td>
<td>1,000.00</td>
<td>July 18, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 29(600)-1687</td>
<td>Electrical phenomena on the VIII cranial nerve during gravity loads</td>
<td>15,743.00</td>
<td>June 1, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-5905</td>
<td>Classification of tasks for ordering knowledge of human learning</td>
<td>35,859.00</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 41(672)-339</td>
<td>Analysis of psychomotor skills and computers for social data</td>
<td>1,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-417</td>
<td>Diffusion in semiconductors and related problems</td>
<td>40,000.00</td>
<td>September 15, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-222-ORD-2835</td>
<td>Interplanetary flight problems</td>
<td>12,970.00</td>
<td>September 16, 1958</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-67</td>
<td>Resonance studies on paramagnetic crystals</td>
<td>38,408.00</td>
<td>June 26, 1958</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-663</td>
<td>Develop and manufacture detection and measuring equipment for the two millimeters wave length</td>
<td>77,000.00</td>
<td>June 15, 1958</td>
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<tr>
<td>United States Navy N216-24665</td>
<td>Educational instruction</td>
<td>550.00</td>
<td>July 1, 1958</td>
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<tr>
<td>United States Navy Non-18245(53)</td>
<td>Theory of group representations</td>
<td>28,950.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Win Buehren</td>
<td>Music for a dance to be held at the Chicago Undergraduate Division</td>
<td>192.00</td>
<td>September 20, 1958</td>
</tr>
<tr>
<td>Albert B. Grossman Concerts</td>
<td>Appearance of Martha Schlamme at the Chicago Undergraduate Division</td>
<td>300.00</td>
<td>May 10, 1958</td>
</tr>
<tr>
<td>University of Miami</td>
<td>Furnish photographs using a special raindrop camera</td>
<td>2,145.53</td>
<td>July 14, 1958</td>
</tr>
<tr>
<td>With Whom</td>
<td>Purpose</td>
<td>Amount to be Paid by the University</td>
<td>Effective Date</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>J. I. Case Co.</td>
<td>One No. TOASCX14 turnover plow; one No. 200 side delivery rake</td>
<td>$99.50 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>J. I. Case Co.</td>
<td>One No. 660 stalk shredder</td>
<td>63.48 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>J. I. Case Co.</td>
<td>One model H stalk shredder No. 61194</td>
<td>49.15 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One model 720 row crop tractor</td>
<td>403.96 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One model No. 30 engine driven combine</td>
<td>245.06 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One model No. 420-W tractor</td>
<td>265.57 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 202 two furrow, two-way (four bottom) plow</td>
<td>48.57 annually</td>
<td>June 27, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 227 corn picker with attachments</td>
<td>97.84 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 810 four-bottom plow with attachments</td>
<td>54.40 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 55-H three-bottom plow with attachments</td>
<td>43.21 annually</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 415 lift plow with two HS-314 bottoms</td>
<td>47.42 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 55-H plow with three HS bottoms</td>
<td>52.82 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 1824 model No. 43 shelter with attachments</td>
<td>40.77 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 1913 50 ft. portable elevator with bale hopper</td>
<td>97.45 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 851 side delivery rake</td>
<td>57.50 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 45 combine with attachments</td>
<td>64.50 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. RW-1018 disk harrow</td>
<td>63.32 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 177-FB grain drill with attachments</td>
<td>80.00 annually</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>Evenman Manufacturing Co.</td>
<td>One model 2-SD Evenman scraper with attachments</td>
<td>113.50 annually</td>
<td>June 16, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick No. 3-CU-F1 back fill blade</td>
<td>18.24 annually</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick No. 35-A 8 ft. 6 in. wheel controlled disk</td>
<td>51.58 annually</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick SC-24 7 ft. tractor with attachments</td>
<td>32.91 annually</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick No. 4924; one Farmall tractor No. 4922; one McCormick 34 ft. C4A 7 ft. mower; one McCormick 34 HM 33 power loader; one McCormick No. 1SCUK-FTC (back fill blade) one McCormick No. 40 manure spreader; one McCormick No. 30 manure spreader</td>
<td>96.14 annually</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick No. 350 International tractor</td>
<td>337.45 annually</td>
<td>July 29, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick No. 3798 7 in. wheel controlled disk harrow</td>
<td>52.94 annually</td>
<td>July 29, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One No. F30 tractor; one No. 21 mower; one No. 254K cultivator with adapter unit</td>
<td>279.22 annually</td>
<td>July 29, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick No. 57 9 ft. 7 in. wheel controlled disk harrow</td>
<td>57.74 annually</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One Greathart posthole digger; one Wagner loader; one MF sweeper; one LF-36 harrow; one No. 194 plow</td>
<td>163.90 annually</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick cub No. 22 5 ft. mower; one McCormick No. 1-11 fast hitch rotary hoe</td>
<td>24.86 annually</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>Two Farmall No. 350 tractors with attachments</td>
<td>796.87 annually</td>
<td>July 1, 1958</td>
</tr>
</tbody>
</table>
UNIVERSITY OF ILLINOIS

With Whom

International Harvester Co.

Purpose

One McCormick No. 247 ft. tractor mower; one McCormick No. 37 10 ft. 9 in. tractor disk

Amount to be Paid by the University

$ 103.36 annually

Effective Date

June 5, 1958

International Harvester Co.

Purpose

One International No. 350 utility tractor; one McCormick 34-F-50A 14 in. three-bottom moldboard plow; one McCormick No. 200 100 tooth peg harrow

Amount to be Paid by the University

$ 143.33 annually

Effective Date

July 1, 1958

International Harvester Co.

Purpose

One McCormick No. 34 HM-20 corn picker; one McCormick No. 34-255 two-row cultivator

Amount to be Paid by the University

$ 166.77 annually

Effective Date

July 1, 1958

International Harvester Co.

Purpose

One McCormick No. 34-UF31 fast hitch rotary hoe; one No. 34-F34 fast hitch plow; one No. 3U-F31-T fast hitch toolbar; one No. 2C-F4 fast hitch harrow

Amount to be Paid by the University

$ 159.35 annually

Effective Date

July 1, 1958

International Harvester Co.

Purpose

One McCormick No. 46 twine hay baler

Amount to be Paid by the University

$ 183.28 annually

Effective Date

June 5, 1958

International Harvester Co.

Purpose

One McCormick No. 260 fast hitch drill corn planter

Amount to be Paid by the University

$ 40.00 annually

Effective Date

June 5, 1958

International Harvester Co.

Purpose

One McCormick No. 20C engine drive field harvester

Amount to be Paid by the University

$ 207.60 annually

Effective Date

May 28, 1958

International Harvester Co.

Purpose

One No. 37 10 ft. 9 in. disk harrow

Amount to be Paid by the University

$ 63.24 annually

Effective Date

June 16, 1958

International Harvester Co.

Purpose

One No. 14 UF1 platform; one No. 2CUF1 blade with scarifier; one No. 37 disk harrow; and one UF 28 mower with 7 ft. bar

Amount to be Paid by the University

$ 125.45 annually

Effective Date

June 30, 1958

International Harvester Co.

Purpose

One McCormick No. 34-F 30 quick hitch plow

Amount to be Paid by the University

$ 42.48 annually

Effective Date

June 30, 1958

International Harvester Co.

Purpose

One No. C120 two-row corn planter with attachments; one No. 298 fertilizer unit

Amount to be Paid by the University

$ 33.32 annually

Effective Date

June 27, 1958

International Harvester Co.

Purpose

One McCormick No. 34-26-1 two-row cultivator with equipment

Amount to be Paid by the University

$ 39.06 annually

Effective Date

June 5, 1958

Oliver Corp.

Purpose

One No. 550 HC Oliver tractor

Amount to be Paid by the University

$ 275.95 annually

Effective Date

July 1, 1958

Wood Brothers Manufacturing Co.

Purpose

One model No. 80 Wood’s rotary mower with attachments

Amount to be Paid by the University

$ 54.40 annually

Effective Date

August 7, 1958

With Whom

Aluminum Co. of America

Purpose

Suitability of aluminum for equipment, devices, and structural parts for use under the conditions found in and around farm buildings

Amount to be Paid by the University

$ 7,500.00 annually

Effective Date

May 12, 1958

American Dairy Association

Purpose

Anti-atherogenic effect of butterfat

Amount to be Paid by the University

$ 6,000.00 annually

Effective Date

June 15, 1958

Commercial Solvents Corp.

Purpose

Hot water venting

Amount to be Paid by the University

$ 800.00 annually

Effective Date

August 26, 1958

American Society of Heating and Air Conditioning Engineers, Inc.

Purpose

Vitamins and growth factors in swine nutrition

Amount to be Paid by the University

$ 3,000.00 annually

Effective Date

August 8, 1958

Institute of Boiler and Radiator Manufacturers

Purpose

Performance of steam and hot water heating systems and related equipment

Amount to be Paid by the University

$ 35,500.00 annually

Effective Date

July 24, 1958

National Warm Air Heating and Air Conditioning Association

Purpose

Heating, ventilating, and air conditioning as related to warm-air furnace heating

Amount to be Paid by the University

$ 3,340.00 annually

Effective Date

July 11, 1958

Reinforced Concrete Research Council

Purpose

Multiple panel reinforced concrete floor slabs

Amount to be Paid by the University

$ 20,000.00 annually

Effective Date

July 16, 1958

State of Illinois, Department of Public Works and Buildings, Division of Highways, Project IHR-2

Purpose

Highway problems

Amount to be Paid by the University

$ 25,000.00 annually

Effective Date

July 1, 1958

Contract Changes

Amount to be Paid to the University

$ 7,500.00

Effective Date

May 12, 1958
<table>
<thead>
<tr>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riveted and bolted structural joints</td>
<td>$14,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Impact on highway bridges</td>
<td>$24,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Prestressed reinforced concrete highway bridges</td>
<td>$29,500.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Soil exploration and mapping</td>
<td>$25,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Lateral stability of retaining walls and abutments</td>
<td>$13,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Determination of waterway areas</td>
<td>$9,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Soil-aggregate mixtures for highway pavement</td>
<td>$29,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Vehicular speed regulation</td>
<td>$24,500.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Spaces admitting significant fixed point indices</td>
<td>$852.00</td>
<td>July 11, 1958</td>
</tr>
<tr>
<td>Secret</td>
<td>$12,999.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Secret</td>
<td>$12,500.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Alloys of the transition elements</td>
<td>$16,666.00</td>
<td>June 26, 1958</td>
</tr>
<tr>
<td>Electrochemistry of fused salts</td>
<td>$16,000.00</td>
<td>June 26, 1958</td>
</tr>
<tr>
<td>Experimental research in electrodeposition</td>
<td>$6,000.00</td>
<td>June 26, 1958</td>
</tr>
<tr>
<td>Experimental investigations in the College of Medicine</td>
<td>$8,406.00</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>Diffusionless phase changes in non-ferrous metals and alloys</td>
<td>$13,000.00</td>
<td>June 23, 1958</td>
</tr>
<tr>
<td>Diffusionless phase changes in non-ferrous metals and alloys</td>
<td>$45,000.00</td>
<td>August 8, 1958</td>
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<tr>
<td>Isotopic exchange reactions in non-aqueous solutions</td>
<td>$8,000.00</td>
<td>June 16, 1958</td>
</tr>
<tr>
<td>Fatigue behavior of dilute nitrogen</td>
<td>$12,013.00</td>
<td>June 27, 1958</td>
</tr>
<tr>
<td>Carbohydrate interconversions by microbienzymes</td>
<td>$13,500.00</td>
<td>June 15, 1958</td>
</tr>
</tbody>
</table>
UNIVERSITY OF ILLINOIS

With Whom

Amount to be
Purposes
Paid to the
Effective
Purpose
Unclassified research on electronic
19581
July 23, 1958
United States Atomic
high-speed digital computers
Energy Commission
AT(11-1)-415

145 000 00

June 26, 1958
United States
Technical assistance to Allahabad
1834(05)
Agricultural Institute and north
central region in India

463 000 00

June 6, 1958
United States Navy
Nord-1834(12)

7 000 00

May 1, 1958
United States Navy
Nord-1834(15)

7 000 00

May 23, 1958
United States Navy
Nord-1834(17)

20 000 00

May 14, 1958
United States Navy
Nord-1834(21)

21 000 00

June 2, 1958
United States Navy
Nord-1834(21)

19 000 00

July 31, 1958
United States Navy
Nord-1834(21)

4 800 00

July 15, 1958
VioBin Corp.
Value of wheat germ oil in physical
fitness programs

720 00

August 25, 1958
Hiram Walker & Sons, Inc.

Nutritive properties of dried distillers’ solubles in swine nutrition

Adjustments Made in 1957-58 Cost-Plus Contract

With Whom

Purpose

Amount

E. T. Drewitch
Fourteen items: $124.74 deduct to
$565.00

$854 38

June, July, and
August, 1958
(Plastering)

Adjustments Made in 1958-59 Cost-Plus Contract

With Whom

Purpose

Amount

E. T. Drewitch
Forty-one items: $93.69 deduct to
$4,000.00

$10 375 05

July and
August, 1958
(Plastering)

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(16) The Comptroller presents his quarterly report to the Board as of June 30, 1958.

This report was received for record and a copy has been filed with the Secretary of the Board.

REGULATIONS GOVERNING ASSESSMENT OF RESIDENT AND NONRESIDENT FEES

(17) The regulations governing assessment of resident and nonresident fees, adopted by the Board of Trustees on December 17, 1957, as amended June 19, 1958, provide that staff members and the spouses and children of staff members of the University on full-time appointment at the University shall be permitted to attend the University upon paying the same tuition and other fees as assessed against students who are residents of Illinois during the period the staff member holds such appointment and is performing the duties of the University position to which he has been appointed.

Each year some members of the faculties of state-supported institutions of higher education in Illinois and teachers in the elementary and secondary schools enroll for part-time programs of study at the University. As a matter of public service, these members of the teaching profession should be given the same status with respect to assessment of fees as staff members of the University. Accordingly, I recommend that the Dean of Admissions and Records be authorized to assess fees against such students on the same basis as fees are assessed residents of Illinois during the period these staff members hold appointments at their respective institutions. Most of these individuals are already legal residents of Illinois so that this authorization would be applicable in only a few cases.

On motion of Mrs. Watkins, this recommendation was approved.
COMMITTEE REPORTS

The Board considered the following reports and recommendations from its committees.

THE STATE BOND ISSUE REFERENDUM

Mr. Williamson, for the Committee on Buildings and Grounds, presented the following resolution, and moved its adoption:

Resolution

The Board of Trustees of the University of Illinois endorses the proposed bond issue authorized by the General Assembly of Illinois for referendum at the general election on November 4, 1958.

Approval of the bond issue will enable the state of Illinois to provide funds in the immediate future for the construction of critically needed buildings at the state universities and the state hospitals. The total amount involved is $248,000,000 of which $167,000,000 would be for the universities and $81,000,000 for the hospitals, subject to allocation by the General Assembly of Illinois.

Demands upon our state educational institutions to enhance ongoing programs and services and to prepare for prospective increased enrollments together with the requirements of the state hospitals make the needs of these institutions far in excess of the amounts proposed in this bond issue.

The Board of Trustees of the University of Illinois records its approval of the bond issue as a practical means to help the state make a substantial reduction in accumulated building needs and to prepare for essential services in the future.

This resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.

USE OF UNIVERSITY AUTOMOBILES ASSIGNED TO CHICAGO COLLEGES

Mr. Swain, for the Finance Committee, reported that the Committee has approved the following statement of policy relating to use of automobiles assigned to the Chicago Professional Colleges and the Chicago Undergraduate Division for official University business:

The Vice-President in charge of the Chicago Professional Colleges and the Executive Dean of the Chicago Undergraduate Division shall have use of automobiles for the convenience of the University. Cars will be available to them for use on University business and for transportation to and from their homes as such business may require. These cars shall also be available to other staff members for transportation on University business, subject to approval of such use by the Vice-President in charge of the Chicago Professional Colleges or the Executive Dean of the Chicago Undergraduate Division.

On motion of Mr. Swain, the action of the Finance Committee was confirmed.

INVESTMENTS

Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds:

<table>
<thead>
<tr>
<th>Par Purchase</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$9,000</td>
<td>Commercial Credit</td>
<td>3%</td>
<td>2/1/76</td>
<td>$8,730.00</td>
</tr>
<tr>
<td>1,000</td>
<td>Commercial Credit</td>
<td>3%</td>
<td>2/1/76</td>
<td>970.00</td>
</tr>
<tr>
<td>50,000</td>
<td>Consolidated Edison</td>
<td>4%</td>
<td>1988</td>
<td>49,875.00</td>
</tr>
<tr>
<td>50,000</td>
<td>New York Telephone Ref.</td>
<td>4%</td>
<td>7/1/93</td>
<td>50,875.00</td>
</tr>
<tr>
<td>32,000</td>
<td>Phillips Petroleum</td>
<td>2 1/4%</td>
<td>2/1/64</td>
<td>31,280.00</td>
</tr>
<tr>
<td>3,000</td>
<td>Phillips Petroleum</td>
<td>2 1/4%</td>
<td>2/1/64</td>
<td>2,921.25</td>
</tr>
<tr>
<td>5,000</td>
<td>Phillips Petroleum</td>
<td>2 1/4%</td>
<td>2/1/64</td>
<td>4,887.50</td>
</tr>
<tr>
<td>50,000</td>
<td>U. S. Steel</td>
<td>4%</td>
<td>7/15/83</td>
<td>51,187.50</td>
</tr>
</tbody>
</table>
Report of the Comptroller

The Comptroller reports the following changes in unexpended plant funds investments, over which he has authority as shown:

**Urbana-Champaign**

*Women's Residence Halls Revenue Bond Fund of 1956*

(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)

**Purchase**

- $20,000 U. S. Treasury bills 9/4/58 $19,991.39
- 15,000 U. S. Treasury bills 10/2/58 $14,982.79
- 100,000 U. S. Treasury bills 10/30/58 $99,787.33

*Men's Residence Halls Revenue Bond Fund of 1957*

(Authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)

**Exchange**

- $530,000 U. S. Treasury bills 10/2/58 $529,142.58
- 225,000 U. S. Treasury notes 10/1/58 $224,859.39

*Men's Residence Halls Revenue Bond Fund of 1956 Sinking Fund*

(Authorized by Board of Trustees resolution dated March 23, 1956, minutes page 982)

**Exchange**

- $23,000 U. S. Certificates 4% 8/1/58 for
- 23,000 U. S. Certificates 1½% 8/1/59

**Chicago**

*Dentistry-Medicine-Pharmacy Building Revenue Bond Funds — Construction*

(Authorized by Board of Trustees resolution dated March 15, 1951, minutes page 632)

**Purchase**

- $10,000 U. S. Treasury bills 6/26/58 $9,998.67
- 10,000 U. S. Treasury bills 7/10/58 $9,996.83
- 10,000 U. S. Treasury bills 7/24/58 $9,995.38

This report was received for record.

**Sale of Securities**

The First National Bank of Chicago has reviewed the securities held in the various funds for the Board of Trustees of the University of Illinois and recom-
ommends that the following stocks be sold and the proceeds of the sale be reinvested in other securities: 210 shares of Industrial Rayon, 300 shares of International Harvester, 90 shares of Montgomery Ward, and 5 shares of Standard Oil of New Jersey. These securities are held as the investment securities of the Endowment Fund.

The Finance Committee concurs in the recommendations of the First National Bank and recommends the adoption of the following resolution by the Board of Trustees authorizing the sale of stock:

Resolution

WHEREAS, the Board of Trustees of the University of Illinois is the owner of the following stocks:

- 210 shares Industrial Rayon
- 300 shares International Harvester
- 90 shares Montgomery Ward
- 5 shares Standard Oil of New Jersey, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above listed securities,

NOW, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

On motion of Mr. Swain, the foregoing resolution was adopted.

WAGE RATES OF LABORATORY MECHANICS

Mr. Swain, for the Committee on Nonacademic Personnel, presented the following report and proposal from the President of the University, the Vice-President and Comptroller, and the Director of Nonacademic Personnel. This report and proposal were considered by the Committee on Nonacademic Personnel, in consultation with the other members of the Board of Trustees and University officials, including the Legal Counsel, at a meeting held earlier in the day.

During the spring of 1957, University representatives negotiated with representatives of Local 698, State, County, and Municipal Employees, AFL-CIO, with reference to pay scales for the biennial period of 1957-59. Agreements were reached by October, 1957, with the exceptions of the Laborer Electricians and the Laboratory Mechanics groups. The question with reference to Laborer Electricians was finally resolved by arbitration in April, 1958, authorized by the Board on January 16, 1958.

In October, 1957, negotiations with the Laboratory Mechanics reached an impasse, with the Union threatening a strike to enforce its demands. The University's position was that rates for this group should properly be compared: (a) with those paid for similar services at other universities which have comparable research and laboratory programs and which use comparable classes of employees, and (b) with rates paid for comparable type skills in the machinist area since the basic skill of most laboratory mechanics is in this area, and that furthermore, any increases for this group should be approximately the same percentagewise as those available to other groups whether or not represented by a union. The Union's position was that these men are highly skilled and that the University should pay rates comparable to those paid for other skills in the community such as those in the construction trades, printing crafts, and the like, and that exceptional treatment was justified because of the long delay in properly recognizing these skills.

In a final effort to reach a satisfactory conclusion, the University appealed to Mr. Arnold Zander, International President of the State, County, and Municipal Employees Union. In accepting the request of the University, Mr. Zander asked that he be joined in a mediation attempt by Mr. Robben W. Fleming, Professor of Law and former Director of the Institute of Labor and Industrial Relations. Agreement was reached in this negotiation as to adjustments for the first year of the biennium and certain further adjustments for those below the range midpoints in 1958. With reference to general increases for the second year, however,
it was impossible to reach an agreement satisfactory to both parties. A proposal was finally made jointly by Mr. Fleming and Mr. Zander, to which both parties agreed, as the basis of temporary settlement. This proposal was: "The parties will confer for the purpose of establishing a fact-finding procedure which will be used as a basis for deciding what across-the-board adjustments, if any, are to be made as of July 1, 1958."

However, when attempts were made to implement this agreement, it became evident that the understandings of the University and of the Union were quite different. That of the Union, supported by Mr. Zander, was that this agreement provided for open end arbitration on wages. The University's position was that while it would attempt to make applicable in pay adjustments the results of any fact-finding procedure, its ability to do so with reference to available funds and the effect on other employee groups would have to be considered, and that it must therefore reserve the right of final decision as to wages after hearing from the fact-finder.

A number of meetings were held to resolve this difference. The proposal which follows has been agreed to by the Union and has certain advantages. This matter needs to be settled without delay, and the proposal as made will accomplish that result. It meets one University objection in that it provides a limit within which a total finding can be made. The University has funds presently reserved for increases which will be sufficient to meet even the maximum findings possible within the proposal, without involving any overdraft on a cash basis at the end of this year.

The differences between the parties have been honest ones, both as to the original question as to the basis of establishing rates and as to the understanding of the fact-finding formula. The proposal provides a method for settling the issues.

The Proposal

1. The across-the-board adjustment shall fall between $0.00 and $50.00 per month.
2. Adjustments shall be retroactive to July 1, 1958.
3. Adjustments shall apply uniformly, regardless of the position of an employee in his wage range.
4. The Submission shall read: "What across-the-board adjustment, falling between $0.00 and $50.00 per month, effective July 1, 1958, shall accrue to employees in the Laboratory Mechanics group?"
5. This memorandum shall be submitted to the Board of Trustees at its meeting on September 30 and, if approved, the Submission shall be executed not later than October 1.

On motion of Mr. Swain, the foregoing proposal was approved.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee reports that it has approved the following recommendations submitted by the President of the University with his concurrence:

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One continuous culture apparatus, biogen design</td>
<td>Bacteriology</td>
<td>American Sterilizer Co., Erie, Pa.</td>
<td>$8,000.00</td>
</tr>
<tr>
<td>One recording assembly, six channel, transistorized, sensitivity</td>
<td>Electrical Engineering</td>
<td>Pivan Engineering Co., Chicago</td>
<td>4,767.75</td>
</tr>
<tr>
<td>One microvolt/mm. to 50 v/cm., frequency response 0-300 cycles, eight chart speeds, twenty-five rolls recording paper</td>
<td>Electrical Engineering</td>
<td>Philips Electronics, Inc., Chicago</td>
<td>5,525.00</td>
</tr>
<tr>
<td>One X-ray diffraction generator and control, 60 kv., 50 ma. capacity, vertical operation, four-window tube housing, complete with accessories</td>
<td>Geology</td>
<td>Superior Air Products Co., Newark, N.J.</td>
<td>2,940.00</td>
</tr>
<tr>
<td>One four-window molybdenum-target X-ray tube</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One water cooler for above X-ray unit</td>
<td>Physics</td>
<td>Superior Air Products Co., Newark, N.J.</td>
<td></td>
</tr>
<tr>
<td>One helium cryostat, thirty liter capacity, loss rate less than 300 ce per day evacuated to 10^-4 mm. of mercury at room temperature</td>
<td></td>
<td>Superior Air Products Co., Newark, N.J.</td>
<td></td>
</tr>
</tbody>
</table>
I02 BOARD OF TRUSTEES [September 30

One recorder, X-Y, flat bed type, rectilinear, high sensitivity; one curve follower adapter; one input keyboard

One electron microscope, fifteen angstrom resolution complete with voltage stabilizer, high voltage focusing kit, service and parts for one year's operation

25,000 copies Illinois Farm Account Book

250 reams 25 x 38 60-lb. English Finish book paper


<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One recorder. X-Y, flat bed type, rectilinear, high sensitivity; one curve follower adapter; one input keyboard</td>
<td>Theoretical and Applied Mechanics</td>
<td>Crosley Associates, Inc., Chicago</td>
<td>$2,950.00 f.o.b. Pasadena, Calif.</td>
</tr>
<tr>
<td>One electron microscope, fifteen angstrom resolution complete with voltage stabilizer, high voltage focusing kit, service and parts for one year's operation</td>
<td>Zoology</td>
<td>Radio Corp. of America, Chicago</td>
<td>$2,900.00 f.o.b. delivered</td>
</tr>
<tr>
<td>25,000 copies Illinois Farm Account Book</td>
<td>Agricultural Economics</td>
<td>Interstate Printers &amp; Publishers, Inc., Danville</td>
<td>$4,101.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>

Special Appropriations for Nonrecurring Expenditures

Assignments of funds from the General Reserve for the following purposes:
1. Department of Psychology, partitioning of rooms on the fourth floor of Gregory Hall ..................................................... $6,700
2. Department of Theoretical and Applied Mechanics, alterations in Talbot Laboratory .................................................. 7,325
Total ........................................................................ $14,025

Addition to Contract for Engineering Services

The University has a standing contract with Brown, Manthei, Davis, and Mullins, Champaign, formerly Consulting Engineering Services, for engineering services on various buildings and utilities extension projects. The Director of the Physical Plant and the Vice-President and Comptroller recommend an addition to this contract to cover engineering services in the preparation of drawings and specifications for plumbing, heating, ventilating, air conditioning, and wiring required in the remodeling of the Electrical Engineering Annex for use by the Bioacoustics Laboratory, at an estimated cost, including fees, of $6,500. Funds are available in the appropriation made for the construction of the Bioacoustics Laboratory from the General Reserve.

Contract for Refrigeration System in Ice Rink

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $51,250 to R. H. Bishop Company, Champaign, the lowest bidder, for replacement of the present ammonia-operated compressor system and auxiliary equipment in the Ice Rink with a new Freon refrigeration system.

They also recommend the employment of the firm of Brown, Manthei, Davis, and Mullins, Champaign, for the engineering services required in connection with this new installation, at an estimated cost, including professional fees, of $4,300. The University now has a standing contract with this firm for engineering services on various buildings and utilities extension projects, and it is recommended that the employment of this firm on the Ice Rink installation be by an addendum to the existing contract.

The Director of Athletics and the Business Manager of the Athletic Association join in these recommendations.

Funds will be advanced by the Athletic Association for all this work. The program was approved by the Board of Trustees on July 29, 1958.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) degrees conferred; (2) appointments made by the President; (3) graduate fellows; (4) resignations, declinations, and cancellations; (5) leaves of absence; (6) changes in sabbatical leaves of absence.
DEGREES CONFERRED

The Secretary presented for record the following list of degrees conferred at Urbana on August 11, 1958.

Summary

Degrees in the Graduate College:
- Master of Arts .......................................................... 70
- Master of Science ....................................................... 203
- Master of Music .......................................................... 2
- Master of Education ..................................................... 182
- Master of Fine Arts .................................................... 4
- Master of Social Work .................................................. 4
- Advanced Certificate .................................................... 20

Total, Graduate College .................................................. (485)

Degrees in Law:
- Bachelor of Laws ......................................................... 12

Baccalaureate Degrees:
- Bachelor of Science, College of Agriculture ...................... 23
- Bachelor of Science, College of Engineering ...................... 112
- Bachelor of Arts, College of Liberal Arts and Sciences ........ 52
- Bachelor of Science, College of Liberal Arts and Sciences .... 24
- Bachelor of Science, College of Education ......................... 27
- Bachelor of Science, College of Commerce and Business Administration ........................................ 59
- Bachelor of Science, College of Journalism and Communications .................................................. 9
- Bachelor of Architecture, College of Fine and Applied Arts ......................................................... 3
- Bachelor of Fine Arts, College of Fine and Applied Arts .... 9
- Bachelor of Music, College of Fine and Applied Arts .......... 1
- Bachelor of Science, College of Fine and Applied Arts ...... 8
- Bachelor of Science, College of Physical Education .......... 12
- Bachelor of Science, Division of Special Services for War Veterans ............................................... 21

Total, Baccalaureate Degrees ............................................. (360)

Total, Degrees Conferred at Urbana ................................... 857

GRADUATE COLLEGE

Degree of Master of Arts

In Art Education

RUTH MARILYN COON, A.B., State University of Iowa, 1954
GEORGE JOHN DREW, B.A.E., School of the Art Institute of Chicago, 1953
NANCY LOU GRATIGNY SAARLAS, A.B., 1956
DAVID EDWARD TEMPLETON, B.F.A., 1955

In Economics

PICHITR CHANKOWET, A.B., University of Manchester, 1954
BYONG WOO KIM, A.B., Lincoln Memorial University, 1957
DONALD RALPH THUROW, A.B., 1949
PATRICIA POOD WEBBER, A.B., Wellesley College, 1952

In Education

SABIT ZIYAETTIN BURSALELU, Diploma, Gazi Teachers State College, 1948

In English

THOMAS EDGAR BOYLE, A.B., Richmond College, 1952
VIVIAN EATON BUCHAN, A.B., Coe College, 1933
EVELYN CROSSMAN BURGESS, A.B., Millikin University, 1932
GERALD ADOLF KAMINSKI, A.B., 1953
JACQUELINE FRIEDMAN KAMINSKI, A.B., 1956
EUGENIA GAIL KELMAN, A.B., University of California (Berkeley), 1956
NANCY SHAO-LAN LEE LIU, A.B., University of California (Berkeley), 1954; Ed.M., Harvard University, 1955
Marion Joseph Reis, B.S., St. Louis University, 1952
Lockwood Elon Wiley, A.B., B.S., B.S., 1931, 1932, 1934
Clifford Gilbert Wood, Jr., A.B., 1952

**In German**

Justine Bernadette Bizjak, A.B., 1956
Vincent LoCicero, A.B., Brooklyn College, 1955
Sidney Rosenfeld, A.B., Temple University, 1953
Phoebe Burnett Snetsinger, A.B., Swarthmore College, 1953

**In History**

Leonard Ferdinand Becker, A.B., 1957
Richard Dean Burns, B.S., 1957
Norman Otto Kurz, B.S., 1953
Julie Ann Mathews, A.B., 1957
Robert Alfred Waller, A.B., Lake Forest College, 1953
Roy Arthur Wehmhoefer, A.B., Monmouth College, 1953

**In Labor and Industrial Relations**

Joseph Sexton Carlson, B.S., 1952
Roy Martin Douglas, A.B., St. Ambrose College, 1956
Grover William Durnell, B.S., Southwest Missouri State College, 1951
Jerome Maurice Miller, A.B., Southern Illinois University, 1955
Frank Wootton Sanders, B.S., Northern Illinois University, 1956
John Bruce Tipton, A.B., DePauw University, 1956

**In Philosophy**

Leonard Ray Weitzel, A.B., Albright College, 1954

**In Political Science**

Ronald Dean Abel, B.S., Eastern Illinois University, 1957
George Wescott Carey, A.B., Northwestern University, 1955
Helen Dratsidou, Dipl.Law, University of Salonika, 1953
Charles Seymour Lieberman, B.B.A., University of Miami, 1956
Laurence Johnson Paul, A.B., University of New Hampshire, 1955
Alvin David Sokolow, B.S., 1956
David Michael Wood, A.B., Miami University, 1956

**In Psychology**

Diane Eleanor Bergner, B.S., Illinois Institute of Technology, 1954
William Glenn Steiner, A.B., Aurora College, 1948

**In Sociology**

William Charles Jenne, B.S., Illinois State Normal University, 1953
Ruth Rue Rittenhouse, A.B., Oberlin College, 1956

**In Spanish**

Ruth Cady Adams, B.S., 1928
Helen Irene Below, A.B., 1945
Grazina Oma Stepantis, A.B., 1957
Clarece Ann Stock, B.S., University of Missouri, 1957
Eileen May Wickline, A.B., Ohio University, 1957

**In Speech**

Byron Eugene Chrisman, B.S., Bradley University, 1950
John Darrell Gooch, A.B., College of Wooster, 1957
Patricia Julia Haynes, B.S., Ball State Teachers College, 1956
Ronald George Jerit, A.B., 1956
Jack Leavitt, A.B., Brooklyn College, 1951
JOSEPH BERNARD ROBERTS, A.B., University of Puerto Rico, 1957
ALAN JOHN ROST, Jr., B.S., 1957
GLENN CARL SCHUERMANN, B.S., Illinois State Normal University, 1953
DOYLE GLYNN WARD, A.B., Harding College, 1956
JOHN BERNARD WEAVER, B.S., 1956
ROBERT CALHOUN WHITLATCH, A.B., Denison University, 1957

In Statistics

HOWARD EMBRY BELL, B.S., 1950
DEVRAJ RAHEJA, A.M., University of the Panjab, 1942
NICK TEO THOMPSON, B.S., 1953

In the Teaching of French

JEANNE LOUVENIUS FOREMAN, A.B., 1957

In the Teaching of Social Studies

FREDERICK GEORGE CHRISTENSEN, B.S., University of Wisconsin, 1950
RONALD THOMAS HAFTER, A.B., DePauw University, 1957
KENNETH LEROY McCONOUGHY, A.B., St. Ambrose College, 1956

Degree of Master of Science

In Accountancy

LOUIS EDWIN MULLEN, B.B.A., University of Georgia, 1957
EMIL MERRICK PHILLIPS, Jr., B.S., Arkansas State College, 1957

In Agricultural Economics

RICHARD EUGENE BELL, B.S., 1957
EDWARD McCORERY CORLEY, B.S., Colorado State University, 1957
TEKALIGN GEDAMU, A.B., University College of Addis Ababa, 1950
STANLEY DAVID HONN, B.S., 1952
LESLIE WINFIELD JONES, B.S., 1957
FAY MONTROSE SIMS, B.S., 1941; I.A., Harvard University, 1943
ROBERT ELI WHITE, Jr., B.S., 1956

In Agricultural Education

DONALD STUART ROBERTSON, B.S., 1955

In Agricultural Engineering

JOHN ASHER REPOLGLE, B.S., 1956
AJJAMPUR ANANDA SWAMY RAO, B.Tech., Indian Institute of Technology, 1956

In Agronomy

ARTHUR JAMES CROWLEY, B.S., Illinois State Normal University, 1956
JOSEPH ALOIS ECK, B.S., Oklahoma State University, 1954
LEROY HAROLD LINDBLOM, B.S., 1957
PATRICK MATTHEW MCDONNELL, B.Agr.Sc., National University of Ireland, 1950
ROBERT FRANKLIN MUMM, B.S., 1957
EDWARD ELMER SCHWEIZER, B.S., 1957

In Animal Science

RONALD LEO DEININGER, B.S., 1957

In Architectural Engineering

RAYMOND ANTHONY DI PASQUALE, B.S., Purdue University, 1951
LLOYD ALLEN LEFFERS, B.Arch., 1955

In Biological Sciences

WILLIAM BUKOVSAN, B.S., 1955
In Botany

Aurelia Mendoza Abo, B.S., The Philippine Women's University, 1944
Ikuko Fukuda, A.B., International Christian University, 1957
Lois Foust Oppermann, A.B., College of Wooster, 1951

In Ceramic Engineering

Richard Charles Anderson, B.S., 1954
Donald Joe Romine, B.S., 1957

In Chemical Engineering

James Bernhard Anderson, B.S., Pennsylvania State University, 1957

In Chemistry

Raymond Clyde Burrows, A.B., Kenyon College, 1957
John Allard Chandler, B.S., Ohio University, 1955
Yu-Lan Chang, B.S., Cheng Kung University, 1956
Harlan Dayle Frame, Jr., A.B., Municipal University of Wichita, 1955
William Carl Kidwell, B.S., Spring Hill College (Alabama), 1949
John Frank Porter, A.B., Drew University, 1955
Earle Carlton Smith, B.S., Berry College, 1949
Raymond Hadley White, B.S., Suffolk University, 1953

In Civil Engineering

James Donavon Andrews, B.S. (C.E.), Iowa State College, 1943; B.S., United States Naval Academy, 1946
Richard James Beck, B.S., University of Wisconsin, 1951
Leonidas Theodore Delvannis, Graduate, Technical Training School (Athens, Greece), 1954
Carlos Luis Flamand, Ing. Agronomo, National School of Agriculture (Mexico), 1954
Harold Seichi Hamada, B.S., University of Hawaii, 1957
Stanley Craig Moleski, B.C.E., Rensselaer Polytechnic Institute, 1957
Jose Juan Muniz, B.C.E., Villanova University, 1955
Kantilal Ranchodji Patel, B.Eng., Gujarat University, 1956
William Kenneth Stockdale, B.S., United States Military Academy, 1951
Raymond R. Vadnais, Jr., B.S., Kansas State College, 1953
William Hamilton Walker, B.S., University of Massachusetts, 1956
Tsu Ming Yang, B.S., National Taiwan University, 1953
James Tsu-fing Yao, B.S., 1957
Shih Nan Yao, Graduate, Ta Tung University, 1947
Khalid Mahmoud Yasin, B.S., 1957

In Dairy Science

Frank Norris Dickinson, B.S., University of Massachusetts, 1953
Heye Heeren Groenewold, Dr.Agr., Friedrich Wilhelm University, 1951
Donald Cecil Shreffler, B.S., 1954

In Economics

Bernard Joseph McCarney, B.S., Illinois State Normal University, 1957

In Education

Robert Frederick Thomas Hooban, Jr.

In the Education of the Deaf

Geraldine Toy Bowser, B.S., Florida State University, 1956

In the Education of Mentally Handicapped Children

Rosa Christopher Grier, B.S., Fort Valley State College, 1957
Martha Harriett Parker Jeffers, B.S., 1956
ERHARD GEORGE KUGEL, B.S., 1954
MARGARET JUNE BILLINGS SCHAPIRO, B.S., Indiana State Teachers College, 1949

In Electrical Engineering

HENRY KARL ALBRECHT, B.S., Colorado State University, 1950
JOSEPH ALVIN DOMBROWSKI, Graduate, United States Air Force Institute of Technology, 1953
ENRIQUE HAFTEL, B.S., 1957
RICHARD DEWITT HARRELL, B.S., United States Naval Academy, 1950
HAROLD GUFFEY KIMBALL, B.S., Wayne University, 1955
RICHARD ANTHONY KUCHENBECKER, B.S., 1957
HARRY GENE LAFUSE, B.S., Purdue University, 1957
RAYMOND GILBERT RYNDELS, B.E.E., Pratt Institute, 1951
DELMAR EDWARD SNIDER, Jr., B.S., United States Naval Academy, 1957
JOHN INGERSOLL WATERS, B.S., 1956
LEO LEMUEL WILLIAMS, Jr., Graduate, United States Air Force Institute of Technology, 1953
SOK MYINT WIN, B.S., 1957
RICHARD ANTHONY KUCHENBECKER, B.S., 1957

In Entomology

ISABEL SANABRIA, Licenciada, Universidad Pedagogica (Columbia), 1950

In Food Technology

HARRY YOSHIMI YAMAMOTO, B.S., University of Hawaii, 1955

In Geology

DONALD WILSON LANE, A.B., Dartmouth College, 1956
JOHN EZRA MOORE, A.B., Ohio Wesleyan University, 1953
DANIEL FRANCIS WEILL, A.B., Cornell University, 1956

In Health Education

RICHARD GROVER SCHLAADT, B.S., Lewis and Clark College, 1957
PUNYA SOMBOONSILP, B.S., 1957

In Home Economics

PAULINE AANERUD JELLM, A.B., St. Olaf College, 1956
CORINNE MALONEY, B.S., 1955

In Home Economics Education

MARTHA JANE PRATHER, B.S., 1954
JOSEPHINE ANNE SCHECK, B.S., 1948

In Horticulture

RONALD DEAN PARKER, B.S., 1956

In Journalism

BARBARA DUNHAM DENNIS, B.S., 1940

In Library Science

LUCY ELIZABETH ANDREW, A.B., 1957
PATRICIA ANNE ARLEDGE, B.S., 1950
BARBARA BALLINGER, A.B., University of Kansas, 1951
HUGH RICHARD BERGMAN, B.S., St. Louis University, 1953
FREDA IRENE CARR, B.S., Southeast Missouri State College, 1934; Ed.M., University of Missouri, 1942
SHERYL HOWARD CLAYTON, A.B., Prairie View Agricultural and Mechanical College, 1948
RUBY WILEY DUFFY, A.B., Carthage College, 1925; M.S., 1949
EILEEN SHERIDAN DUNN, A.B., Wheaton College (Illinois), 1947; B.L.S., University of Toronto, 1956
JEWEL KENT FOLLOWELL, B.S., Wheaton College (Illinois), 1929
EVELYN MAE GOURLEY, B.Ed., Illinois State Normal University, 1938; M.B.A., University of Denver, 1948
DIANA CHRISTINE HASKELL, A.B., 1957
EMERSON WALLACE HILKER, A.B., 1953
MARGARET ANN HORKIN, Ph.B., Northwestern University, 1956
OLGA KOHANSKY, Cand. in Phil., University of Gottingen, 1948; A.M., 1952
HARRY JOSPEH MAIBERGER, B.S., 1951
FRANCES MARLIN, A.B., Indiana University, 1950; B.Mus., Roosevelt University, 1956
HAROLD W. MARSHALL, B.S., University of Massachusetts, 1940; M.S., 1953
JANICE LESSLEY HARTLE NUNNELEE, B.S., Southeast Missouri State College, 1942
GUSIE WEBB SCOTT, A.B., Western Kentucky State College, 1947
EDMOND ALONZO WILLIAMS, A.B., 1950
GEMALYNNE SMITH WILLIAMS, A.B., Tougaloo College, 1957
RUTH ELIZABETH WILLS, A.B., John Brown University, 1956
CLYDE WILLIAM YOUNG, B.S., Southwest Missouri State College, 1941; M.Mus., University of Michigan, 1949; Ph.D., 1957

In Mathematics

KEY HONG GOEU, B.S., University of Indonesia, 1950
DONN LEROY KLINGLER, B.S., 1957
RICHARD LEMUEL MONROE, A.B., Augustana College, 1955
DANIEL AUDIN MORAN, B.S., St. Mary's University (San Antonio, Texas), 1957
DOLORES MARGARET RICHARD, B.S., Southern University, 1957
OLGA MARY SLEZNICK, B.S., 1956
JOHN EVERETT STROUT, B.S., 1957
ROBERT MARTIN VOGT, B.S., 1956

In Mechanical Engineering

MADHUSUDAN SURYARAM BHATT, B.Eng. (M.E.), B.Eng. (E.E.), Gujarat University, 1956, 1957
JOHN FREDERICK HAWDON, B.S., Bradley University, 1957
JAYANT KAMAT, B.M.E., George Washington University, 1957
JAMIE PARKER LAMB, Jr., B.M.E., Alabama Polytechnic Institute, 1954
CHARLES MERRICK PHIFFS, Jr., B.S., Massachusetts Institute of Technology, 1948

In Metallurgical Engineering

BADRI NARAYAN DAS, B.E., Bengal Engineering College, 1952
THEODORE JAMES KOPPENAAL, B.S., University of Wisconsin, 1954
DANIEL WEINSTEIN, B.S., 1957

In Music Education

EUGENE ANTOINE ADAM, A.B., Central College, 1950
DIANE HELEN BERKOWITZ, B.S., Temple University, 1957
JOHN WILLIAM CHIDDIK, B.S., Illinois State Normal University, 1955
JOHN EDWARD DEROULE, B.S., 1957
JOE WILSON FIGG, Jr., B.Mus., Oklahoma City University, 1953
LAWRENCE NEVTON GNAGAY, B.S., 1952
EVALYN NORRIS GRANT, B.Mus., Millikin University, 1953
DAVID ASHLEY KOZELKA, B.Mus.Ed., Vandercook College of Music, 1956
ROSCE EUGENE MCMISH, B.Mus.Ed., Illinois Wesleyan University, 1957
GLEN ROGER MORTONSON, B.S., 1955
THOMAS ELBERT NEICE, B.S., Western Illinois University, 1950
ARTHUR ELLIOTT PRICE, Jr., B.S., 1956
LOUIS JEROME REHBERG, B.S., State Teachers College (West Chester, Pennsylvania), 1957
UNIVERSITY OF ILLINOIS

GEORGE NATHAN REID, B.Mus., DePauw University, 1951
WAYNE FRANKLIN RICHARDS, B.S., 1952
KENNETH HOWARD ROOKER, B.S., 1957
SISTER ANNA CLARE HANNA, A.B., St. Ambrose College, 1953
SISTER MARGARITA HEISSERER, B.Mus., Fontbonne College, 1954
SISTER MARY ROSA RAUTH, A.B., Rosary College, 1948
JOHN HARPER SWICKARD, B.S., 1952
ANNE ELAINE ZAHNISER, B.S., Greenville College, 1954

In Physical Education

HARRY HURLBURT BELL, Jr., B.S., Springfield College, 1952
ROLAND GUNNARD BROMBERG, B.S., State Teachers College (Bemidji, Minnesota), 1955
CHARLES BUTLER, B.S., 1957
THEODORE WALTER CONNER, B.S., Springfield College, 1955
RAYMOND BROOKE ESSICK, Jr., B.S., 1955
ROBERT BARRIE EYNON, A.B., University of Western Ontario, 1957
GEORGE MICHAEL FARLEY, B.S., 1958
ELIZABETH ANN GEORGE, B.S., Pennsylvania State University, 1955
RUBY ALMA GREMEL, B.S., Central Michigan College, 1957
Mervyn B. Haycock, B.S., 1957
FRANCIS JOSEPH HAYDEN, A.B., University of Western Ontario, 1955
RICHARD ARTHUR HOLMES, B.Ed., University of Alberta, 1957
André Siméon Huép, A.B., University of Ottawa, 1957
Lynne Dorothy Knippler, B.S., Brooklyn College, 1957
Glynn Arthur Leysin, A.B., University of Western Ontario, 1954
RICHARD LEON MARSH, B.S., Eastern Michigan College, 1957
Norma Jean Munie, B.S., University of Oregon, 1953
EUGENE ROBERT Norris, B.S., 1957
Fred William Ohnmacht, B.S., State University of New York Teachers College (Brockport), 1957
LAWRENCE LEE Fattee, B.S., Tarkio College, 1957
Robert Louis Slusarek, B.S., Southwest Missouri State College, 1957
Roger Gilbert Soule, B.S., State University of New York Teachers College (Courtland), 1957
James Dale Stableford, A.B., Albion College, 1957
Ronald Kent Stewart, B.S., University of Dubuque, 1951
Sidney Bernard Sward, B.S., 1957
Helen Elizabeth Wils, B.S., Northern Michigan College, 1948

In Physics

JOHN JOSEPH EHRLICH, B.S., Illinois Institute of Technology, 1953
ROBERT JOHN LITWILLER, B.S., Beloit College, 1956
ROBERT FOSS SEYMOUR, B.S., 1956
PAUL ERNEST WESTON, A.B., Wesleyan University, 1956

In Physiology

MARINUS FLUX, B.S., Memphis State College, 1957
MARVIN ZEFT KURLANCHEEK, A.B., Wilkes College, 1957

In Recreation

JOSEPH JOHN BANNON, B.S., Ithaca College, 1957
ROBERT EUGENE CRYER, B.S., 1953
JOHN PHILIP HOSINSKI, B.S., University of Notre Dame, 1955
MILDRED KATHRYN McMANUS, B.S., Southwest Missouri State College, 1956
LAURA JOAN WECKWORTH, B.S., Springfield College, 1954

In Speech Correction

PHILIP RUSSELL BREIDING, B.S., Carthage College, 1950
In the Teaching of Biological Sciences and General Science
Hugh William Hulsey, A.B., Evansville College, 1954
Garland Howard Lacey, B.S., 1957
John David Van de Ven, B.S., 1958

In the Teaching of Chemistry
Lorraine Mary Truzynski, B.S., Illinois Institute of Technology, 1954

In the Teaching of Mathematics
Jesse Booker Curtis, B.S., Illinois State Normal University, 1953
Benjamin Whitford Maxson, B.S., 1952
Walter Bro Bror Peterson, B.S., Elmhurst College, 1957
Sister Marie Celeste Gatti, A.B., Rosary College, 1952

In Veterinary Medical Science
John Patrick Manning, D.V.M., Kansas State College of Agriculture and Applied Science, 1951

In Zoology
Richard Allen Albach, B.S., 1956
Jacques Berger, B.S., Pennsylvania State University, 1955
Jon Roderick Culbertson, B.S., 1956
Margaret Pratt Dysart, A.B., Winthrop College, 1956

Degree of Master of Music
Joseph Lee Dechario, B.Mus., Kansas State Teachers College (Pittsburg), 1957
David Ward-Steinman, B.Mus., Florida State University, 1957

Degree of Master of Education
Susan Abbott, B.S., 1957
Ralph Earl Abell, B.S., 1955
Jesse David Allen, B.S., 1942
Wilda McKown Ash, B.S., 1939
Norman Charles Ashcraft, B.S., 1958
Marian Halberta Barnhart, B.S., 1950
Leona Rowena Barr, B.S., Southern Illinois University, 1954
Donald Carl Barrett, B.S., 1951
Sten-Tolle Bay, Teacher's Cert., Teachers College (Denmark), 1955
Leonard Everett Belote, B.Ed., Western Illinois University, 1943
Robert Frank Berkley, A.B., George Peabody College for Teachers, 1952
William Thomas Blackwood, B.S.A., University of Arkansas, 1948
John David Blakeman, B.S., Western Illinois University, 1955
Ronald William Boehm, A.B., Monmouth College, 1954
Dolores Del Rio Branch, A.B., Harris Teachers College, 1955
Robert Dean Bright, B.S., Illinois State Normal University, 1956
Carl Sylvan Brock, B.S., McKendree College, 1933; B.S., 1939
Frank Brooks, B.S., Western Illinois University, 1952
Frances Elizabeth Brown, A.B., 1950
Philip Eugene Brown, B.S., 1955
Anna May Brummett, B.Ed., Eastern Illinois University, 1942
Elizabeth Coleman Buckley, B.Ed., Western Illinois University, 1943
David Spencer Burgett, B.S., Eastern Kentucky State College, 1953
Ralph Delos Buswell, B.S., 1950
Donnie June Larimer Calvin, B.S., Southwest Missouri State College, 1953
Janie Lyn Campbell Carey, B.S., Jackson College, 1951
Paul Curtis Carey, B.S., 1953
Jean Baysinger Carruthers, B.S., 1941
Eldon Ray Chapman, B.S., 1951
Shirley Hope Michell Cherry, B.F.A., 1942
Mary Cecelia Clifford, Ph.B., Marquette University, 1951
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<th>Name</th>
<th>School/College</th>
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<td>Marlyn Margaret Hennenfent Clute</td>
<td>Western Illinois University</td>
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<td>Kenneth Hugh Connell</td>
<td>Eastern Illinois University</td>
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<td>Janie Washington Conrad</td>
<td>Lincoln University</td>
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<td>Dorothy Haen Conway</td>
<td>Aurora College</td>
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<td>Paul Wilburn Cox</td>
<td>Morehead State College (Kentucky)</td>
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<td>Tam Thi Dang</td>
<td>University of Geneva</td>
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<td>Buford Franklin Daniel</td>
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<td>Joseph Lee DeGuile</td>
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<td>Mary Ann Garrett Dixon</td>
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<td>Rose Martha Gammill</td>
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<td>Leannah Settle Hogett</td>
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<td>Keith Junes Hunt</td>
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<td>Emmitt Charles Jeffress</td>
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<td>Jessie Louise Johnson</td>
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<td>Luretta Vern Cook Johnson</td>
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<td>Winfield Scott Judy</td>
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<td>Frances Lucille Kautsky</td>
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<td>Ewald Robert Kessler</td>
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<td>Jesse Harold Keyser</td>
<td>B.S., 1953</td>
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<td>Ardell Wright Kimmel</td>
<td>B.S., 1950</td>
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<td>Chester Edward Knight</td>
<td>B.S., University of Missouri</td>
<td>1951</td>
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<td>William Koert Kopp</td>
<td>A.B., Valparaiso University</td>
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<td>Nancy Berquist Kort</td>
<td>B.S., 1955</td>
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<td>Jane Cameron Lake</td>
<td>A.B., Occidental College</td>
<td>1957</td>
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<td>Phyllis Wanda Laske</td>
<td>B.S., Bradley University</td>
<td>1953</td>
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<td>Kenneth John Limkeman</td>
<td>B.S., Western Illinois University</td>
<td>1951</td>
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<td>Lloyd Jolley Lowe</td>
<td>B.S., Ball State Teachers College</td>
<td>1941</td>
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<td>Henry Joseph Maracci</td>
<td>B.S., Western Illinois University</td>
<td>1947</td>
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JOSEPH RICHARD MASON, B.S., Greenville College, 1956
CHARLES CURTIS MATTHEWS, B.S., Southwest Missouri State College, 1954
GEORGE RANDOLPH MATTOX, B.S., Illinois State Normal University, 1952
OLIVER WENDELL MCCAIN, B.S., Iowa State College, 1952
MILDRED McCLOHAN, B.S., Northeast Missouri State Teachers College, 1938
CHARLES RAYMOND MCCLURE, B.S., Western Illinois University, 1950
EMILY K. McINTOSH, B.S., Illinois Institute of Technology, 1935
DONALD CLARENCE MCDOWARD, B.S., 1950
ROBERT HAYES MCWHERTER, B.S., Illinois State Normal University, 1955
LOIS JOHNSON MECHLING, B.S., 1954
CHARLES RAYMOND MCDOWARD, B.S., Western Illinois University, 1952
EMILY BALL MCINTOSH, B.S., Illinois Institute of Technology, 1935
DONALD CLARENCE MCDOWARD, B.S., 1950
ROBERT HAYES MCWHERTER, B.S., Illinois State Normal University, 1955
LOIS JOHNSON MECHLING, B.S., 1954
VIRGINIA MARIE MERO, B.S., 1948
JOE LEWIS MILDRED, B.S., Illinois State Normal University, 1954
DOUGLAS HOLLIDAY MOEWS, B.S., 1952
GERTRUDE CATHERINE MORGAN, B.S., St. Louis University, 1944
IRENE KING MORGAN, B.S., Central State College (Ohio), 1949
GLADYS ELIZABETH MOLAY, A.B., Iowa State Teachers College, 1942
WILLIAM CLIFFTON MULCH, B.S., Culver-Stockton College, 1941
GEORGE JOHN NAPIER, Ph.B., Illinois Wesleyan University, 1949
VERLA JENKINS NASH, B.S., Illinois State Normal University, 1951
ROBERT Oakes, B.S., Millikin University, 1955
RUTH NIVEN OLIVER, A.B., University of Arkansas, 1931
HOWARD DAVID OLSN, B.S., 1956
EMILY L. PERKINS O'NEAL, B.S., Alcorn Agricultural and Mechanical College, 1950
CHARLOTTE ELIZABETH ORRUTI, B.S., 1952
HENRY PEMBERTON ORGAN, B.S., Bishop College, 1951
ALAN LEROY PERRY, B.S., Illinois State Normal University, 1953
JOHN ROBERT PETERS, A.B., Illinois Wesleyan University, 1950
PHYLIS EILEEN PIPER, B.S., Southern Illinois University, 1954
ROBERT OAKES, B.S., Millikin University, 1955
GEORGE WESLEY PRUITT, B.S., University of Missouri, 1955
JEAN QUINN, A.B., Illinois Wesleyan University, 1949
HERBERT DEAN RAAB, B.S., Illinois State Normal University, 1954
PAUL FREDERICK RAAB, Ph.B., Illinois Wesleyan University, 1953
GILBERT GLEN RAGSDALE, B.S., Southern Illinois University, 1954
CATHERINE VELORES RAMSEY, B.S., Tennessee Agricultural and Industrial University, 1952
GERALDINE HULEY REISS, A.B., 1938
JOHN ANDREW RENFRO, B.S., Southern Illinois University, 1954
LURENE JONES ROBINSON, B.S., Alcorn Agricultural and Mechanical College, 1947
MERRY SHINE MOST ROGERS, B.S., 1954
ALICE PREWITT ROSS, B.S., 1940
DOROTHY DARLENE ROUSE, B.S., Southern Illinois University, 1953
MARY CATHERINE RUSSELL, B.S., Southern Illinois University, 1947
DOROTHY FLORENCE HARWEG SAMS, B.S., Illinois State Normal University, 1953
EDWIN WILLIAM SAUER, B.S., 1949
MAIDA WOOD SHARPE, A.B., University of California (Los Angeles), 1930
EFFA ESTHER SIDDWELL, B.S., Eastern Illinois University, 1950
ALICE MARGARET SIMMONS, B.S., Southern Illinois University, 1954
VELMA LOUISE SIMMONS, B.S., Western Illinois University, 1952
SISTER MARY BERNADETTE HERMAN, B.S., DePaul University, 1950
SISTER MARY LEONORA HERMAN, B.S., DePaul University, 1951
SISTER MARY PETER KENNEDY, A.B., Mount St. Scholastica College, 1951
SISTER MARY ROSA MARRON, B.S., DePaul University, 1952
SISTER MARY PAULA SCHLEPENER, B.S., Loyola University (Illinois), 1951
SISTER M. EVANGELINE TALARICO, B.S., DePaul University, 1950
SISTER MARY VERONA THOMPSON, A.B., DePaul University, 1950
BEVERLY MARLENE SKYLES, B.S., 1957
ROYAL JACKSON SMALL, A.B., Arkansas State College, 1949
HARRY WILLARD SMITH, Jr., B.S., 1940
JESSE ROBERT SMITH, B.S., 1958
RUTH BLACK SMITH, A.B., West Virginia State College, 1952
HAROLD EDWIN SPENCER, A.B., Southern Illinois University, 1950
ROGER EARL STEINGRABER, B.S., 1957
THOMAS CRAWFORD STEWART, B.S., 1950
VIVIAN ADELE STILES, B.S., 1956
LELAND NEWELL SWENGEI, A.B., Indiana Central College, 1939
FRANCES JOHNETTA TAYLOR, A.B., Stowe Teachers College, 1950
MINNIE ELLA STORY THOMAS, B.S., Agricultural, Mechanical and Normal College (Arkansas), 1949
YUN TIEH, A.B., National Taiwan University, 1955
LEOLA ISOM TOLEN, A.B., Harris Teachers College, 1955
DONALD LEROY TOLLE, B.S., Illinois State Normal University, 1952
ELIZABETH ANN TOWNSEND, B.S., Southern Illinois University, 1955
DONALD HERBERT TRIMBLE, B.S., Illinois State Normal University, 1953
KUSADE TURUNC, Dipl. of License, Istanbul University, 1955
JAMES JOSEPH VALEK, B.S., 1949
MARY SWERMUS WATSON, B.S., 1956
MARY KATHRYN WATTS, B.S., 1951
EVELYN RUTH WEEKLEY, B.S., Olivet Nazarene College, 1950
ROBERT JOSEPH WEHRLI, B.S., 1939
LILLIE MAE WILLIAMS, A.B., Harris Teachers College, 1955
DONIS TILLMAN WILSON, B.S., Eastern Illinois University, 1955
JOHN FINLEY WITHERSPOON, B.S., 1955
ELDON EARL WITT, B.S., 1952
MARGARET ANNE WOOD, B.S., Eastern Illinois University, 1953
DOROTHY ELIZABETH WOODWORTH, A.B., John B. Stetson University, 1949
DAISY IRENE WOODWARD, B.S., Eastern Illinois University, 1955
MILDRED ERLENE WRIGHT, B.S., 1950
YU-YU WU, A.B., Taiwan Normal University, 1957
ANNA KATHERINE YOUNG, B.Ed., Southern Illinois University, 1956

Degree of Master of Fine Arts

RICHARD WILLIAM KINNAIRD, A.B., Carleton College, 1953
RUTH AZUSS MAGDAL, B.A., Ed., School of the Art Institute (Chicago), 1954
JOANN WATTS, B.F.A., Washington University, 1956
JOHN SIDNEY WELLER, B.F.A., 1955

Degree of Master of Social Work

HAROLD ERNEST GRAY, A.B., University of Minnesota, 1953
JOSEFINA SAN AGUSTIN LOPEZ, B.S., Centro Escolar University (Manila), 1956
DONNA LOU STARR, A.B., Capital University, 1956
KIYO YOSHIMURA, A.B., 1956

Advanced Certificate

In Education

DAVID RAY ANDERSON, B.S., M.S., 1936, 1951
FLOYD OLIVER BECHERER, A.B., A.M., Washington University, 1947, 1950
MARY KAY CULVER, B.S., Ed.M., 1951, 1953
HILMA RUTH DAVIS, B.S., Kansas State Agricultural College, 1932; Ed.M., Colorado State University, 1943
KATHRYN MARIE GUNIER, B.S., Arizona State College, 1951; M.S., 1953
ROBERT FERDINAND HILLENBRAND, A.B., North Central College, 1950; A.M., University of Chicago, 1952
LOIS LULU LILLY, B.S., Illinois State Normal University, 1946; M.S., 1950
LAMIA EMINE OZINONU, Diploma, Ankara University, 1942; Ed.M., 1957
JAMES LEROY ROOKER, B.S., Ed.M., 1950, 1953
STANLEY BERNARD SINGER, B.S., Southwest Missouri State College, 1956; A.M., 1958
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<th>Name</th>
<th>Degree(s)</th>
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<tr>
<td>Dorothy Steiner Stuhlmann</td>
<td>B.Ed., Illinois State Normal University, 1941; M.S., Millikin University, 1954</td>
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<td>Jesse Davis Wallace</td>
<td>B.S., Murray State College, 1950; Ed.M., University of Missouri, 1953</td>
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<td>Grace Katherine Watson</td>
<td>B.S., Stout Institute, 1935; M.S., University of Wisconsin, 1951</td>
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<td>Willis Henry Weber</td>
<td>B.S., Eastern Illinois University, 1948; M.S., 1951</td>
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<td>Rose Helen Wirchak</td>
<td>B.S., M.S., 1929, 1949</td>
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<td>Harold Peter Yung</td>
<td>B.S., Ed.M., 1950, 1953</td>
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<td>Paul Joseph Scharfenberg</td>
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<td>Edward Charles Carlson</td>
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<tr>
<td>Karen Louise Clark</td>
<td>Degree of Bachelor of Science In Food Technology</td>
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<tr>
<td>Judith Virginia Hage</td>
<td>Lorna June Hoge Taraki</td>
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<tr>
<td>Shirley Joan Hantack</td>
<td>Carol Virginia Tomlinson</td>
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<tr>
<td>Mary Jo Fain Matheson</td>
<td>Verna Mae Vogt</td>
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<td>Doris Samuelson Wetzel</td>
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<td>Degree of Bachelor of Science In Home Economics</td>
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<td></td>
<td>Degree of Bachelor of Science In Civil Engineering</td>
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</tbody>
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In Electrical Engineering

ALBERT ANATAS BARTKUS
JOHN WAYNE BARTLEY, High Honors
JACK DEAN BETZ
JAMES VINCENT BLOOMQUIST
RONALD VERN BOWMAN
LEONARD BRONSWICK
JAMES FRANCIS GRUDE
THOMAS ELWOOD GUERIN
JAMES EDWARD HARWARD
HENRY RICHARD HEGNER
JOSEPH ANTHONY HEINTZ
ENRIQUE GUILLERMO HERNANDEZ
RICHARD LEE HUIJEMA
ROBERT MASON JEPSON
FRANCIS KICZUK
JOHN ALLAN KLOBUCHAR
ROBERT PAUL KOLB
JOHN WILLIAM KUTZ
ROGER SMITH LAYMAN
ALVARO LEOA-RUEDA
HAROLD RAY MALESKI
EVERETT DAME METCALF
DONALD PAUL MICHAL
ROBERT EUGENE MOLL
THOMAS MARTIN MORGAN, JR.
HERBERT TAKAO NAGATA
RAYMOND JULIUS NEVENNER
GEORGE HISASHI OKUBO
ORIN DANE PEARMAN
JOEL KELLY ROACH
RICHARD ANTHONY URBAN
CREIGHTON STANLEY WARREN, JR.
RAYMOND JOHN WILFGINGER
JAMES JOSEPH YAKICH

DONALD ALLAN LEHR

In Engineering Physics

RICHARD CARDWELL ANDERSON
JOHN PATRICK HUFF
HAROLD CARL ERICSON
JOHN ROBERT MARCHETTI
WAYNE ARTHUR HAMILTON
JON LEROY PEACY
WALTER HARRY HOLM
JESSE FLOYD RIGGS

In General Engineering

RICHARD CARDWELL ANDERSON
JOHN ROBERT MARCHETTI
HAROLD JOHN MARCHETTI
CARL ERICSON
ROBERT WAYNE ARTHUR HAMILTON
JON LEROY PEACY
RAY EUGENE HOWLAND

In Mechanical Engineering

LEONARD EARL BALTZELL
JOHN GWINFORD BARTON, Honors
NELS HARRY BERG
BERNARD BULLARD BURNETT
WILLIAM EDWARD CUNNINGHAM
WILLIAM PETER DAHM
DEMETRIOS CONSTANTINE DIAMANTAKIS
BENJAMIN RAPHAEL DRONE
GLEN SHAO ENG
ROBERT VICTOR ENSTROM
CARLOS ALBERTO ESCOBAR-MELENDO
JOSEPH RUDOLPH GARTNER
ROY FRANZ GOERN
CHARLES DUANE KING
ROBERT JACC KOSTAL
WESLEY EDWARD LINDBERG
ROLF ALFRED MARLAND
JOSEPH WILLIAM MARCHELLO
EARL BURNELL MUIR, Honors
CHARLES RICHARD PETERSEN
JOSEPH ACHILLE PLAMONDEN
ANTANAS JURATIS RUMSA
WILLIAM FREDERICK SHARP, High Honors
THOMAS PATRICK SULLIVAN
MAUNG TUN THEIN
TAT TE WU, High Honors
JOHN HENRY ZIMMERMAN

In Metallurgical Engineering

RONALD CHARLES LARSON
JOHN HECTOR MACKENZIE

In Mining Engineering

ROBERT ROY WEHRLE

In Sanitary Engineering

HENRY HERMAN KOERTGE
ARNOLD MICHAEL TINKEY

Degree of Bachelor of Naval Science

ERMETT THEODORE MUELLER
COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

THERESA KAPLAN ABRAMS
ROBERT STUART BALLER, Honors in Liberal Arts and Sciences
NORMAN PAUL BASKES
GAIL ELIZABETH BEAVERS
JOHN DAVIDSON BRASWELL
JULES GERROLD COGAN
RAY EDWARD CONVERSE
ROBERT ALLEN COOPER
BETTY JEAN DEUSS
WILLIAM KEITH FEWKES
MARSHALL ALAN FLEISCHMAN
PETER ANTHONY FREY, Honors in Liberal Arts and Sciences
JERRY ELI FRIEDMAN, Honors in Liberal Arts and Sciences
ARNOLD LARRY GILBERG
DONALD NATHANIAL GOLDSTEIN
KENNETH HEYWOOD GOODWIN
HUGH JOSEPH GRAHAM III
VIRGINIA DAVID HAMILTON
PHYLLIS FISHER HENDERSON
MARILOUISE HEXDALL, Honors in Liberal Arts and Sciences with Highest Distinction in Spanish
RODERICK STEPHEN HUBER, Honors in Liberal Arts and Sciences
HELEN SHUMAN HUGHES, Honors in Liberal Arts and Sciences with Distinction in Rhetoric
MARY LOUISE REYES JOHNSON
JOHN MARTIN KEMPTON, JR.
LOIS ELAINE KYLE
MARGARET ELLEN LARSON
MORRIS ALLEN LEVY
BARBARA DIXON LINDBURG
RONALD BAILEY LYON
JERRY ELMER MERZON
RICHARD BRYANT NEU, Honors in Liberal Arts and Sciences
NANCY LOIS PAXTON
PATRICIA MARGARET PETERSON
DONALD JOHN RENINGER
RICHARD BUHRMAN ROBERTSON
BERNARD EDWARD SCHANER
JOAN IOVE SILVERSTEIN, Honors in Liberal Arts and Sciences with High Distinction in Psychology
JAMES SLOAN, Honors in Liberal Arts and Sciences with High Distinction in Philosophy
THOMAS BENEDICT SOWKA
ELEANOR STRATTON STEFFENS
LARRY CHESTER STULTZ
ALICE WATSON THURROW, Honors in Liberal Arts and Sciences
VYTAUTAS UZGIS
DORIS MARIE VANIS
TERRY MARSHALL WADE
WALTER SVEN WIGERT

In the Teaching of English

ALAN NOEL SWANSON, Honors in Liberal Arts and Sciences

In the Teaching of German

MYRON EMILIAN NOWOSAD

In the Teaching of Social Studies

CHARLES WILLIAM HALEY
HELEN FRANCES NASS

In the Teaching of Speech

CARL RICHARD EK
RONALD JACK JOHNS

Degree of Bachelor of Science

In Chemical Engineering

HOMER ROBERTS Foster
ROBERT JOHN HAGEDORN
RAYMOND JOHN KIZIOR
REUVEN ASHER MORAIN
LEE EDWARD PEARSON, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
ELISON WILLIAM PETERSON
HENRY JOHN SNELLA

In Liberal Arts and Sciences

NANCY KERR CORN
SIDNEY ALLAN COPLOW
JOHN SCOTT DECKER, Honors in Liberal Arts and Sciences
GEORGE ANN SMITH GRAMMER, Honors in Liberal Arts and Sciences
GEORGE RAYMOND HONIG, Honors in Liberal Arts and Sciences
MODESTAS JAKAITIS
KENNETH NEAL KRIEGLER
JOHN DOUGLAS LAMOT
DUANE MILTON MOORE, Honors in Liberal Arts and Sciences

GEORGEANN SMITH GRAMMER, Honors in Liberal Arts and Sciences
GEORGE RAYMOND HONIG, Honors in Liberal Arts and Sciences
MODESTAS JAKAITIS
KENNETH NEAL KRIEGLER
JOHN DOUGLAS LAMOT
DUANE MILTON MOORE, Honors in Liberal Arts and Sciences

LAVERNE AGNES NOWAK
KENNETH JOHN PALMER
ARYL EUGENE RENKES
JOANNA GAIL SKEIVYS, Honors in Liberal Arts and Sciences
HUBERT GUSTAV HILMAR WILHELM, Honors in Liberal Arts and Sciences with Highest Distinction in Geography

In the Teaching of the Biological Sciences and General Science
JUDITH BYER MOSTOVY, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
THOMAS FRANK VALENTINO

In the Teaching of Chemistry
ROGER KENT BUNTING

COLLEGE OF LAW
Degree of Bachelor of Laws

GLEN LAFON BORDEN, A.B., Nebraska State Teachers College, 1935; A.M., State University of Iowa, 1940
ROBERT PAUL BOWMAN, A.B., 1955
ROGER ARTHUR CLARK, B.S., 1954; Honors
WILLIAM JAMES GENTLE, A.B., St. Benedict's College, 1952
JAMES MARTIN GUTHRIE, A.B., Monmouth College, 1955

WILBUR SPENCER JOHNSON, B.S., Illinois State Normal University, 1951
FRANK JOHNSON MERRILL, B.S., Illinois Wesleyan University, 1954
ROBERT RITTER NELSON, B.S., 1953
RONALD WAYNE POLSTON, B.S., Eastern Illinois University, 1953
CHELLIS EUGENE TAYLOR, B.S., 1953

ROGER KENT BUNTING

COLLEGE OF EDUCATION
Degree of Bachelor of Science
In Education

ROSE GREEN BURNS
Marilyn Edna Fris
PATRICIA ANN HILL
JOHN LESLIE RICHARDS

GARY LEE SCHULTZ
HAZEL MARIE SHAFFER
MARY INGRAM STAYTON
EVELYNNE MAE STILES

In Elementary Education

GENEVA MAXINE BOHN
RUTH VOS BURNEET, Highest Honors
GAIL NEWMAN GOLSTEIN, High Honors
VIRGINIA SHIMP HECK
DAVID NEALE JEFFREY
CAROL LEE MCAABO
RUBY MARIE MORGAN

IVA LUCILLE NORBECK
SUSAN JOAN PRATT
EVA MARTIN SMITH
JOANN TOWERS SMITH
LEOLA McQUERRY SPURLIN
BONNIE ANN TIDD
ROBERTA BECK WOLF

In Industrial Education

ROBERT STEWART DANIELS

In the Education of Mentally Handicapped Children

MICHAEL ANGELO DONZELLA
RUTH WEIGLE DUMBAUGH

In the Education of the Deaf

JEANETTE CZYZ
COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

WALTER EVERETT BAKER
JULIAN ROSS BOCKSERMAN
JAMES GRONAU CARR
RICHARD HANSEN
JAMES AVERY HOLT, HONORS
JEROME DAVID MALLER
EDWIN VINSON MATNEY

RICHARD JOHN MIELCARZ
SHELBY ALLEN ORRELL
FINLEY WILLIAM PHILLIPS
ROBERT EUGENE RITTER
JOE BOB SCOTT
ROBERT VINCENT SHEEN
CARL RUSSELL THOMPSON

In Commerce and Law

GUS JAMES ATHAS

In Economics

WALTER JOHN LESIUK
JOLANTA SZAWDYN MARSZALK

SEONG YAWNG PARK
ROBERT FERDINAND SEVERSON, JR.

In Finance

DONALD EDWARD CROOK, HONORS
JULIAN JOSEPH GORSKI

JOHN HEATON LEE

In General Business

ALAN MURRAY GUNN

In Industrial Administration

ROBERT MARTIN BOJARZIN
ROBERT BRUCE ELLIOTT
DENNIS PHILIP MANNING

THOMAS ALAN MCCOWEN
PHILLIP THOMAS SCHMITT
MILTON JESSE YOUNG

In Management

ROMAN J. BARTUSKA
WILLIAM EUGENE DUCK
ROBERT EDWARD FORSER
WILLIAM THEODORE HERMAN
BYAN LEE HOUSER
RICHARD NEIL HUFFMAN
CHARLES THOMAS PETERSON

CARL RICHARD SPLETZER
DANIEL BERNARD THOM
STEWARD ARMSTRONG TRIMBLE
GERALD WILLARD VAN TREECK
JOHN WILLIAM WALL
RONALD WOOD WRIGHT

In Marketing

WALTER LOUIS CARL
FRANCIS WOODY CHEATHAM
WINIFRED FLORABELLE CATHERINE ERICKSEN
ROBERT RICHARD GREENFIELD
WILLIAM GREENGOSS
JERRY LEON JUNAS
DARRELL GENE KAHN
LEE RUBIN LIPPMAN

WILLIAM THOMAS LOUTHMAN
THANES OSCAR MALMSTON, JR.
THOMAS GARFIELD MOORE
GERARD PETER NUGENT
EDWARD JOSEPH ROHN
RONALD SHELDON SCHWARTZ
KENNETH FREDRICK SUTTER
DONALD ROBERT THORPE

In Secretarial Training

RUTH ANN KELLER

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

JAMES LAWRENCE BEAUMONT
THEODORE RONALD COUCH

DOLORES HODGES KENNEDY
RUDOLPH KOLAK
COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

Uriah Robert Davis, Jr.  Richard William Zeiner, High Honors
Michael Davitt Murphy, Jr.

Degree of Bachelor of Fine Arts

In Advertising Design

Douglas Edmund Deuss  Dorothy Jean Stanley
Jean Marie Krause

In Art Education

Barbara Anne Beretich  Marguerite June Kasprowick

In Industrial Design

Elmer William Griese, Jr.  Mahlon Bruce Slocum
Buddy Jack Realey

In Painting

Lois Marilyn Player

Degree of Bachelor of Music

Joel Stephen Thrawl

Degree of Bachelor of Science

In City Planning

John Hanik Slimak

In Music Education

William Peter Callahan  Marjorie Ann Nelson, Highest Honors
Rachel Lucia Day
Norman George Duensing
Dale Montgomery Hamilton

In Recreation

Kenneth Ross Ricks, Jr.  Carolyn Jean Snader
Martha Ruvel

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

Joe Finley Bellephant  Andrew John Hauptman
Billy Joe Bolk  Richard Joseph Nordmeyer
Theodore Martin Caiazza  John Ernest Sabalaskey
Anthony Joseph Canino  William James Sandvos, Jr., High Honors
Dominick John Dileo

In Recreation

Kenneth Ross Ricks, Jr.
Martha Ruvel

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

Ronald George Arney  Harry Dale Donoho
Henry George Becker, Jr.  Earl Frederick Evans, Jr.
Paul Francis Cahill  Charles Albert Francois
Richard Dieterich  Joseph Lawrence Ganns, Jr.
APPOINTMENTS MADE BY THE PRESIDENT
(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ADDITION, Archie W., Research Assistant in the Control Systems Laboratory (S), September 1, 1958-January 15, 1959, $475 a month, supersedes (8-1-58).

AMIOKA, Shiro, Instructor in Education, 1/2 time, academic year beginning September 1, 1958, $2250 (7-28-58).

ANDERSON, Truman O., Research Associate in Medicine (Medicine), 1/4 time, one year from September 1, 1958, $1870, supersedes (8-14-58).

ANDREWS, Charles B., Assistant in Orthopaedic Surgery and Staff Physician in the Respiratory Center (Medicine), five months from August 1, 1958, $900 a month (9-9-58).

ARMSTRONG, Mrs. Mary B., Assistant in Speech, nine months from September 16, 1958, $3600 (8-7-58).

ARTHUR, Mrs. Marika H., Research Assistant in Medicine (Medicine), one year from September 1, 1958, $1400 (9-9-58).

ASTON, Katharine O., Instructor in English (Division of English for Foreign Students), academic year beginning September 1, 1958, $4500 (8-22-58).

BALLOWE, Charles B., Instructor in Orthopaedic Surgery and Staff Physician in the Respiratory Center (Medicine), nine months from September 16, 1958, $3900, supersedes (8-6-58).

BARGH, George H., Administrative Assistant in the President’s Office and Director of the Citizens Committee, one year from September 1, 1958, $8400, supersedes (7-29-58).

BARKULIS, Samuel S., Research Associate in Psychiatry (Medicine), one year from September 1, 1958, $8700 (7-29-58).

BARNES, Fred P., Professor of Education, one year from September 1, 1958, $10,010, and on indefinite tenure beginning September 1, 1959, $9200 a year, to render service during each academic year, supersedes (8-22-58).

BARR, Thomas R. B., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine and Graduate College), 1/2 time, one year from September 1, 1958, $4350, supersedes (8-22-58).

BARTON, Harlan G. H., Visiting Lecturer in Education (University High School), nine months from September 16, 1958, $4000 (7-15-58).

BEILER, Helen, Clinical Assistant Professor of Psychiatry (Medicine), 1/2 time, one year from September 1, 1958, $2500, supersedes (9-9-58).

BERMAN, Jules, Instructor in Operative Dentistry (Dentistry), 1/2 time, one year from September 1, 1958, $1400, supersedes (9-9-58).

BENNERT, Bernadine A., Instructor in Home Economics (C), academic year beginning September 1, 1958, $4400 (8-6-58).

BHATERAO, Vasant R., Research Assistant in Food Technology (S), one year from September 1, 1958, $5500, supersedes (8-5-58).

BILLINGER, Wilbert, Registered Pharmacist in Hospital Pharmacy (Illinois Eye and Ear Infirmary) (Pharmacy), August 1, 1958-August 31, 1959, $5600 a year (8-6-58).

BITZER, Donald L., Research Associate in the Control Systems Laboratory (S), one year from September 1, 1958, $7500, supersedes (8-22-58).

BLACK, Charles E., Clinical Instructor in Obstetrics and Gynecology (Medicine), July 1, 1958-August 31, 1959, without salary (7-28-58).
BLAU, ZENA S., Instructor in the School of Nursing, academic year beginning September 1, 1958, $5250 (9-9-58).

BOGDONOFF, MAURICE L., Instructor in Radiology (Medicine), one year from September 1, 1958, without salary (7-28-58).

BOLIN, RICHARD R., Instructor in Psychiatry (Medicine), ½ time, August 1, 1958-August 31, 1959, $5200 a year, supersedes (9-9-58).

BONSIGNORE, PATRICK V., Research Associate in Chemistry, one year from September 1, 1958, $6000 (8-20-58).

BORNSTEIN, IRENE, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, $5000, supersedes (9-9-58).

BRADFORD, VIRGIL E., Research Assistant in Ceramic Engineering (S), September 1-September 15, 1958, $433.33 a month (9-2-58).

BRAUNFELD, G., Research Associate in the Control Systems Laboratory (S), one year from September 1, 1958, $8200, supersedes (8-7-58).

BRENNAN, BETSY B., Assistant in Dermatology (Medicine), one year from July 1, 1958, without salary (7-17-58).

BRIDGER, CLYDE A., Lecturer in Health Education (College of Physical Education), nine months from September 16, 1958, without salary (8-6-58).

BROHM, E. L., Professor of Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, $1867 for the period (7-21-58).

BRUCKNER, W. H., Research Professor of Civil Engineering (C), July 16-July 31, 1958, $469.45; this is in addition to his present appointment (7-28-58).

BUCHAN, VIVIAN E., Assistant in English, first semester of the academic year 1958-59, September 1, 1958-January 31, 1959, $1800 (8-4-58).

BUTLER, MR. BEVERLY J., Assistant Professor of Agricultural Engineering (C and S), one year from September 1, 1958, $7500 (9-10-58).

CHANG, ISABEL L., Research Assistant in Bacteriology, July 1-August 15, 1958, $400 a month (7-17-58); and August 16, 1958-January 31, 1959, $2200 for the period (7-31-58).

CHAPMAN, JOHN M., Instructor in Sociology, academic year beginning September 1, 1958, $6000 (7-19-58).

CHATTORAJ, MRS. RABINENDRA, Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine) and in Veterinary Research (S), July 8, 1958-June 30, 1959, $325 a month (8-9-58).

CHEN, CHENG-LIN, Research Associate in Electrical Engineering (C), ¾ time, one year from September 1, 1958, $4030 (7-31-58).

CHERTACK, CHERRY B., Medical Consultant in the Health Services (Chicago Professional Colleges) and Clinical Assistant Professor of Medicine (Medicine), 35/100 time, one year from September 1, 1958, $3850, supersedes (9-9-58).

CHOW, YUAN SHIH, Research Associate in Music, nine months from September 16, 1958, $5000 (7-31-58).

CHOW, YUAN SHIH, Research Associate in the Digital Computer Laboratory, academic year beginning September 1, 1958, $5000, supersedes (8-13-58).

CONRAD, H. EDWARD, Research Associate in Chemistry, one year from July 1, 1958, $6000 (7-28-58).

COOPER, GLORIA S., Research Assistant in Medicine (Medicine), July 1, 1958-August 31, 1959, $4400 a year (7-17-58).

COPELAND, ALFRED, Assistant Professor of General Engineering (C), academic year beginning September 1, 1958, $5800 (8-6-58).

COURTER, JOHN W., Instructor in Horticulture (E), eight months from January 1, 1959, $500 a month (8-25-58).

CRADDOCK, JOHN R., Assistant in Agricultural Education (Education), one month from August 1, 1958, $356 (7-28-58).

CRAWFORD, ISABELLE M., Lecturer in Health Education (Physical Education), nine months from September 16, 1958, without salary (8-6-58).

CSOW, SAMUEL E., Extension Specialist (State of Illinois Public Safety, Fire Prevention), Division of University Extension, eleven months from October 1, 1958, $7000 a year (8-26-58).

DASKINAMURTI, K., Research Associate in Animal Science (S), eleven months from October 1, 1958, $5454.60 a year (9-2-58).
DANIELZADEE, ALBERT, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, $4800 (8-25-58).


DEBRULER, OLIVE C., Instructor in Library Science (Library and University Extension), academic year beginning September 1, 1958, $6000 (8-22-58).

DEMPSEY, CEDRIC, Assistant in Physical Education for Men, nine months from September 16, 1958, $5000, supersedes (8-13-58).

DICKENS, RUTH E., Assistant in Rural Recreation (E), one year from September 1, 1958, $4800, supersedes (8-25-58).

DI GIULIO, VINCENT S., Clinical Assistant in Obstetrics and Gynecology (Medicine), August 1, 1958-August 31, 1959, without salary (7-29-58).

DOUGAL, ARWIN A., Assistant Professor of Electrical Engineering (C), one year from September 1, 1958, $9500, supersedes (9-10-58).

DUNNING, ARTHUR S., Jr., Visiting Lecturer in English, Summer Session of 1958, July 7-July 11, 1958, $350 for the period (7-28-58).

EARL, FRANCIS A., Assistant in Food Technology (S), one year from September 1, 1958, supersedes (8-7-58).

EBNER, DOROTHY C., Research Assistant in Home Economics (C and S), one year from September 1, 1958, $4400 (8-1-58).

EDWARDS, HAROLD M., Administrative Assistant in the Vice-President and Comptroller's Office, full time for one month from September 1, 1958, $1166.67, and on ½ time for eleven months from October 1, 1958, $7000 a year (8-15-58).

EHRLICH, JOHN R., Research Assistant in the Digital Computer Laboratory, in the Graduate College on ½ time and in the Summer Session of 1958 on ½ time, June 16-August 9, 1958, $800 for the period, supersedes (7-28-58).

ENGELMANN, REID O., Clinical Assistant Professor of Surgery (Medicine) and Clinical Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1958, without salary (8-14-58).

EISEN, NATHANIEL H., Assistant Professor of Psychology, ½ time, academic year beginning September 1, 1958, $1800 (8-6-58).

ENCHOLZ, ALEXANDER, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, $4400 (9-9-58).

FLANAGAN, HUGH J., Instructor in Crowns and Fixed Partial Dentures (Dentistry), ½ time, one year from September 1, 1958, $3125 (9-9-58).

FLORIO, AURELIO E., Professor of Safety Education (Physical Education), indefinite tenure beginning September 1, 1958, to render service during each academic year, $10,500 a year, supersedes (8-6-58).

FRASER, DOROTHY K., Research Associate in Bacteriology, one year from September 1, 1958, $7700, supersedes (8-20-58).

FULLER, HARRY J., Professor of Botany, indefinite tenure, September 1, 1958, annual salary of $11,000, for services rendered during each academic year, supersedes (8-12-58).

GALINSKY, ALVIN M., Instructor in Chemistry (Pharmacy), ½ time, academic year beginning September 1, 1958, $2400 (7-28-58).

GALL, RUTH, Research Associate in Chemistry, one month from October 1, 1958, $458.34 (7-28-58).

GAULT, IRVING, Instructor in Full and Removable Partial Dentures (Dentistry), one year from September 1, 1958, without salary (8-6-58).
Glaysher, Gordon A., Instructor in Operative Dentistry (Dentistry), ½ time, one year from September 1, 1958, $2600 (9-9-58).

Goldberg, Moshe G., Clinical Instructor in Pathology (Medicine), one year from September 1, 1958, without salary (9-9-58).

Gourishankar, Venko, Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1958, $3500, supersedes (8-6-58).

Greenisen, Jon F., Assistant Extension Editor, with rank of Instructor (E), one year from September 1, 1958-August 31, 1959, $7800 a year (8-15-58).

Grove, Pearce S., Education, Philosophy, and Psychology Library Assistant, with rank of Instructor, one year from September 1, 1958, $5370 (8-14-58).

Gunther, Richard I., Instructor in Crowns and Fixed Partial Dentures (Dentistry), ½ time, one year from September 1, 1958, $4500, supersedes (7-29-58).

Haber, Robert M., Instructor in Mathematics, academic year beginning September 1, 1958, $6000 (8-22-58).

Hale, William T., Assistant in Education (University High School), nine months from September 16, 1958, $5500 (8-27-58).

Harada, Masaro, Instructor in Applied Materia Medica and Therapeutics (Dentistry), ½ time, one year from September 1, 1958, $2400 (8-12-58).

Harden, Lura A., Instructor in Home Economics (C), academic year beginning September 1, 1958, $4900 (8-5-58).

Harrod, John P., Jr., Clinical Assistant Professor of Obstetrics and Gynecology (Medicine), one year from September 1, 1958, without salary (8-14-58).

Harward, Arnold M., Research Assistant Professor of Chemistry, one month from July 9, 1958, $666.67; this is in addition to his present appointment (7-28-58).

Hartmann, Leah N., Resident Assistant in Allen Hall, ten months from August 18, 1958, $1600; for the convenience of the University she will also be furnished room and board valued at $31 a month while on duty (7-28-58).

Hashimoto, Tatsuhiro, Research Associate in the Institute for Tuberculosis Research, eleven months from October 1, 1958, $7500 a year (9-2-58).

Hazelkorn, Herbert N., Instructor in the Admitting Clinic (Dentistry), ½ time, one year from September 1, 1958, $2600, supersedes (7-29-58).

Harms, Mrs. Ruth W., Assistant in Medical Social Work (Medicine), one year from September 1, 1958, $5100 (8-5-58).

Henkel, David J., Instructor in Civil Engineering (C), one year from September 1, 1958-February 28, 1959, $2700 (9-2-58).

Henry, John P., Assistant in Medicine (Medicine), one year from July 1, 1958, without salary (9-11-58).

Hepler, Roger W., Research Associate in Horticulture (S), one year from September 1, 1958, $5400 (8-25-58).

Hesselmann, Paul R., Assistant Health Physicist, one year from September 1, 1958, $6200 (9-2-58).

Hilsch, Rudolf, George A. Miller Visiting Lecturer in Physics, September 10, 1958-November 9, 1958, $4000 for the period (8-4-58).

Hoffman, Jarrett D., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois Natural History Survey), ½ time for nine months from September 1, 1958, $185 a month, and full time for three months from June 1, 1959, $370 a month (8-7-58).

Holden, Mrs. Margaret G., Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1958, $8550 (9-2-58).

Holshouser, Don F., Research Assistant Professor of Electrical Engineering (S), one year from September 1, 1958, $8500, supersedes (8-14-58).

Hoover, Charles R., Research Associate in Dairy Science (S), one year from September 1, 1958, $6250 (9-2-58).

Hopkins, Jerry D., Assistant in English (Division of English for Foreign Students), nine months from September 16, 1958, $3900 (8-22-58).

Hough, Howard E., Jr., Lecturer in Health Education (Physical Education), one month from September 16, 1958, without salary (8-6-58).

House, Helen M., Assistant in Home Economics (C), nine months from September 16, 1958, $4400 (8-1-58).

Howard, Francis M., Clinical Instructor in Orthopaedic Surgery (Medicine), August 1, 1958-August 31, 1959, without salary (7-29-58).

Howell, Ronald H., Assistant in Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, $800 for the period (7-21-58).
HUBBARD, MRS. MARY O., Instructor in Home Economics (C), academic year beginning September 1, 1958, $4700 (8-1-58).
HUFFMAN, WARREN J., Assistant Professor of Physical Education, Division of University Extension, on ½ time, and Counselor on the University Council on Teacher Education, on ½ time, academic year beginning September 1, 1958, $7700, supersedes (8-7-58).
HUSEK, THEODORE R., Research Associate in the Institute of Communications Research, one year from September 1, 1958, $7000, supersedes (8-25-58).
IRELAND, HERBERT O., Associate Professor of Civil Engineering (C), June 16-August 31, 1958, $888.89 a month, supersedes his additional appointment (7-28-58).
IRVINE, DAVID E. G., Research Associate in Botany, one year from September 1, 1958, $5370 (8-5-58).
IRVINE, PETER M., Instructor in Crowns and Fixed Partial Dentures (Dentistry), ½ time, one year from September 1, 1958, $4800 (8-25-58).
ISAACS, HARRY, Research Associate in Biological Chemistry (Medicine), 80/100 time, one year from September 1, 1958, $4800 (9-9-58).
JACOBS, LESTER, Instructor in the Admitting Clinic (Dentistry), ½ time, one year from September 1, 1958, $3900, supersedes (8-12-58).
JACOBSEN, MARVIN, Research Associate in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1958, without salary (8-12-58).
JAMNIE, DARKO, Research Associate in Physics (C), one month from August 1, 1958, $500 (7-19-58).
JORDAN, DAVID M., Consulting Psychiatrist, with rank of Associate Professor, Department of Psychology (College of Liberal Arts and Sciences and Graduate College), ½ time, academic year beginning September 1, 1958, $4400 (8-1-58).
KAGLER, MILTON N., Research Associate in Mining and Metallurgical Engineering (C), May 1 to August 1, 1959, $541.67 a month (8-27-58).
KLEIN, KURT, Instructor in Russian, ½ time, academic year beginning September 1, 1958, $3600 (8-5-58).
KLUGER, MRS. SONIA R., Research Assistant in Medicine (Medicine), one year from September 1, 1958, $4500 (8-18-58).
KNOXIES, ROBERT C., Professor of Naval Science and Head of the Department, indefinite tenure beginning September 1, 1958, without salary (8-6-58).
KOEPHLE, CHARLES L., Instructor in General Engineering (C), academic year beginning September 1, 1958, $6000 (8-1-58).
KOTK, JUTA V., Physician in the Health Service (Chicago Professional Colleges), 65/100 time, $7000, and Instructor in Medicine (Medicine), without salary, one year from September 1, 1958, $3600 (8-14-58).
KOWALSKI, THEODORE L., Instructor in Radio-Television, and Producer in the Television Station (Journalism and Communications), one year from September 1, 1958, $5400 (8-22-58).
KOSZLO, MARVIN, Instructor in Pedodontics (Dentistry), ½ time, one year from September 1, 1958, $300, supersedes (8-6-58).
KUZMANIC, MRS. BETTY W., Instructor in Mathematics (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1958, $2300, supersedes (9-9-58).
KYLEN, ANNE M., Research Associate in Home Economics (S), one year from September 1, 1958, $5370 (8-1-58).
LAXRITZ, AMRUM, Instructor in Ophthalmology (Medicine), ¾ time, one year from September 1, 1958, $5200 (8-4-58).
LANDON, MRS. MARJORIE M., Assistant (Intern) in the Student Counseling Service, one year from September 1, 1958, $4400 (8-22-58).
LARSON, VIVIAN P., Assistant in Home Economics (C), nine months from September 16, 1958, $3800; for the convenience of the University she will also receive one meal a day while on duty, supersedes (8-1-58).
LASKIN, DANIEL M., Associate Professor of Oral and Maxillofacial Surgery on 45/100 time, and Associate Professor of Oral Surgery on 15/100 time (Dentistry), $6600 a year, and Clinical Associate Professor of Surgery (Medicine), without salary, indefinite tenure beginning September 1, 1958, supersedes (8-14-58).

LECHOWICZ, RICHARD V., Assistant in Food Technology (S), one year from September 1, 1958, $4400 (8-7-58).

LEIR, KARL E., Visiting Professor of Management, nine months from September 1, 1958, $5000 (7-28-58).

LENNOX, EDMUND S., Research Assistant Professor of Chemistry, two months from June 16, 1958, $944.50 a month; this is in addition to his present appointment (7-28-58).

LETKO, ALEXANDER N., Instructor in Ophthalmology (Medicine), 85/100 time, one year from July 1, 1958, $4800, supersedes (9-10-58).

LEVINGS, CHARLES S., Assistant in Agronomy (S), one year from September 1, 1958, $4700, supersedes (8-7-58).

LEWIS, WALTER H., Assistant Professor of Architecture, academic year beginning September 1, 1958, $5700, supersedes (8-12-58).

LINDSAY, SHEILA I., Assistant in Education (University High School), nine months from September 16, 1958, $4700 (8-5-58).

LINGARD, DONALD R., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), one year from September 1, 1958, $6000, supersedes (8-25-58).

LONGABAUGH, B., Assistant in Medicine (Medicine), one year from July 1, 1958, without salary (8-18-58).

LONCOME, DANIEL T., Research Associate in Chemistry, one year from September 1, 1958, $5400 (8-20-58).

LOWE, JOHN A., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois Natural History Survey), 1/2 time for nine months from September 1, 1958, $185 a month, and on full time for three months from June 1, 1959, $370 a month (8-5-58).

LUMLEY, JEANNETTE, Instructor in Mathematics (Chicago Undergraduate Division), academic year beginning September 1, 1958, $4400, supersedes (9-9-58).

LYON, RICHARD O., Assistant Professor of Agricultural 4-H Club Work (E), two months from July 1, 1958, $616.67 a month, supersedes; Assistant Professor of Agricultural Extension (E), one year from September 1, 1958, $7750, supersedes (8-15-58).

MADEMBERG, FRED, Assistant Professor of Hygiene, Health Service (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1958, $1500, supersedes (8-25-58).

MAGNON, LUCILLE M., Instructor in Speech, academic year beginning September 1, 1958, $4500 (8-7-58).

MAHAFEEY, MRS. ANNA K., Assistant in Business Education, nine months from September 10, 1958, $4150 (9-6-58).


MAROTTA, SARAH F., Research Associate in the Aeromedical and Physical Environment Laboratory, September 8, 1958-August 31, 1959, $7000 a year (7-28-58).

MARTIN, BRUCE D., Assistant in Physics (Chemistry) (Pharmacy), nine months from September 16, 1958, $3600 (7-28-58).

MAZUR, BOLESŁAW, Instructor in Crowns and Fixed Partial Dentures (Dentistry), one year from September 1, 1958, $6500, supersedes (7-29-58).

McCLAIN, ROY C., Research Assistant in Medicine (Medicine), one year from September 1, 1958, $4900, supersedes (9-9-58).

McDONALD, JAMES H., Assistant Professor of Urology (Surgery) (Medicine), 95/100 time, one year from September 1, 1958, $11,000 (8-25-58).
Mc ELROY, DONALD L., Assistant Professor of Clinical Dentistry in the Admitting Clinic (Dentistry), ½ time, one year from September 1, 1958, $3520, superseded (8-6-58).

MEYER, JOHN H., Instructor in Foreign Languages (Chicago Undergraduate Division), academic year beginning September 1, 1958, $5200, superseded (8-5-58).

MIKOUCHI, TAKE MARU, Research Assistant in Preventive Medicine (Respiratory Center) (Medicine), four months from September 1, 1958, $385 a month, superseded (9-9-58).

MILLBROOK, MAY I., Associate Professor of Hygiene and Medical Adviser in the Health Services, indefinite tenure beginning September 1, 1958, $6800 a year, superseded (8-14-58).

MILLER, ARTHUR R., Assistant in Radiology (Medicine), two months from July 1, 1958, without salary (7-29-58).

MILLS, QUEENIE B. B., Assistant Professor of Child Development (Home Economics), one year from September 1, 1958, to render service during the academic year, $8700, and Acting Head of Child Development and Family Relations, five months from September 1, 1958, $500, superseded (8-6-58).

MITCHELL, GRAHAM S., Assistant in English (Division of English for Foreign Students), nine months from September 16, 1958, $4000 (8-22-58).

MORAN, JAMES J., Instructor in Civil Engineering (C), academic year beginning September 1, 1958, $6000, superseded (8-22-58).


MOROKOFF, GENE E., Assistant Editor, with rank of Assistant (S), ½ time, ten months from November 1, 1958, $2000 (8-12-58).

MOWRER, MRS. WILLIE M., Assistant Professor of Home Economics (C), academic year beginning September 1, 1958, $5900 (8-14-58).

MURPHY, ROBERT H., Clinical Associate in Ophthalmology (Medicine), July 1, 1958-August 31, 1959, $6000 a year, superseded (7-28-58).

NAKAMICHI, MASUMI, Instructor in Chemistry (Pharmacy), one year from September 1, 1958, $2400 (7-28-58).

NARDINI, WILLIAM, Research Associate in Sociology, one year from September 1, 1958, $6250 (8-20-58).

NOON, ZENAS B., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois Natural History Survey), ½ time, nine months from September 1, 1958, $185 a month, and full time for three months from June 1, 1959, $370 a month (8-5-58).

NORSEN, JEANNETTE, Research Assistant in Medicine (Medicine), July 1, 1958-August 31, 1959, $5200 a year, superseded (7-17-58).

OHMURA, TAKAO, Research Associate in Agronomy, Graduate College on 65/100 time, and Agricultural Experiment Station on 35/100 time, eleven months from August 1, 1958, $5400 a year, superseded (8-15-58).

OLSON, ROY E., Instructor in Civil Engineering (C and S), ½ time, academic year beginning September 1, 1958, $3750, superseded (8-2-58).

PAGE, DAVID, Assistant Professor of Education (University High School), 7/10 time, academic year beginning September 1, 1958, $5700, superseded (8-27-58).

PAPPAS, APERIOTIE, Instructor in Pedodontics (Dentistry), ½ time, one year from September 1, 1958, $1200 (8-14-58).

PARTHASABATHY, GRACE M., Research Assistant in Pathology (Medicine), ten months from September 1, 1958, without salary (8-25-58).

PECK, RALPH B., Professor of Civil Engineering (C), one month from July 1, 1958, $1444.44; this is in addition to his present appointment (7-28-58).

PETERS, HARRY E., Research Assistant in the Control Systems Laboratory (S), one month from August 1, 1958, $600, superseded (8-18-58).

PETTESON, BEVERLY J., Commerce and Sociology Library Assistant, with rank of Instructor, one year from September 1, 1958, $370 (8-6-58).

PHEPPS, WILMA, Assistant Professor of Nursing, one year from September 1, 1958, $7330, superseded (8-14-58).
PLISKE, LEONA K., Assistant in Medical Social Work (Medicine), one year from September 1, 1958, $2,000, supersedes (8-9-58).

PORTER, LOUISE J., Research Assistant in Chemistry, one year from June 16, 1958, $1,400 (8-4-58).

POWELL, CAROLYN, Instructor in Music, academic year beginning September 1, 1958, $600 (8-15-58).


PYLE, R. W., Visiting Lecturer in Music, Summer Session of 1958, June 29-July 19, 1958, $180 for the period; for the convenience of the University he will also receive room and board for the period (7-28-58).

RAE, DOROTHY F., Assistant to the Dean of Women, 1/2 time, nine months from September 1, 1958, $2,000 (8-26-58).

RAO, TARA, Assistant in Animal Science (S), two months from July 1, 1958, $366.66 a month, supersedes (8-1-58).

RAOB, LUCILLE J., Assistant Serials and Acquisitions Librarian, and Instructor in Library Science (Chicago Undergraduate Division), one year from September 1, 1958, $3,730 (9-10-58).

Raven, DONALD J., Acquisition Assistant in the Library, September 15, 1958-August 31, 1959, $4,000 a year (9-2-58).

RAYSON, GLENNON E., Assistant Professor of Hygiene and Medical Adviser for Men (Chicago Undergraduate Division), 1/2 time, one year from September 1, 1958, $3,000 (8-12-58).

READ, HELEN J., Instructor in Medical Social Work (Medicine), September 15, 1958-August 31, 1959, $475 a month (9-9-58).

REICH, CLAUDE V., Instructor in Microbiology (Medicine), one year from September 1, 1958, $6,000 (8-15-58).

REPLOGLE, JOHN A., Instructor in Agricultural Engineering (S), two months from July 1, 1958, $500 a month (8-7-58); and for one year from September 1, 1958, $6,000 (9-10-58).

REYES, FRISCILA, Assistant in Pediatrics (Medicine), nine months from September 1, 1958, $4,800 a year (7-17-58).

RICHEY, ROBERT D., Assistant in Education (University High School), nine months from September 16, 1958, $4,700 (8-5-58).

RINGEER, ALEXANDER L., Visiting Lecturer in Music, nine months from September 16, 1958, $1,000 (7-28-58).

ROSEMAN, NORMAN, Research Assistant, 1/2 time in School-University Articulation (Admissions and Records), and 1/2 time in Education Articulation (Education), one year from September 1, 1958, $3,000 (7-28-58).

ROSENBerg, ALLEN, Instructor in Full and Removable Partial Dentures (Dentistry), 3/10 time, one year from September 1, 1958, $1,950, supersedes (7-28-58).

ROSENBerg, HENRY M., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry), 1/2 time, one year from September 1, 1958, $3,750 (8-9-58).

ROSENBerg, RONALD, Assistant in Anesthesiology (Surgery) (Medicine), one year from July 1, 1958, without salary (7-29-58).

ROSMan, RICHARD R., Research Associate in Psychiatry (Medicine), one year from September 1, 1958, $6,500 (9-2-58).

ROSTAS, FRANCOIS M., Research Assistant in Electrical Engineering (C), nine months from September 16, 1958, $3,800 (8-6-58).

ROSTENBERG, ADOLPH, JR., Professor of Dermatology (Medicine), indefinite tenure beginning September 1, 1958, $13,270 a year, and Acting Head of the Department of Dermatology (Medicine), one year from September 1, 1958, or to such earlier date as a permanent Head of the Department is appointed, at an additional salary of $800, supersedes (7-29-58).

RUBENIS, MARY E., Research Assistant in Medicine (Medicine), one year from September 1, 1958, $2,000 a year (6-19-58).

RUDNICK, ROLAND, Instructor in Crowns and Fixed Partial Dentures (Dentistry), 3/4 time, one year from September 1, 1958, $4,500 (8-9-58).

RYAN, RObERT J., Instructor in Medicine (Medicine), one year from September 1, 1958, $8,300 (8-14-58).
SAMFORD, Edward T., Coordinator of Veterans Educational Benefits (Admissions and Records), one year from September 1, 1958, $7800, supersedes (9-10-58).

SARGENT, Hugh W., Assistant Professor of Advertising (Journalism and Communications), academic year beginning September 1, 1958, $6900, supersedes (7-29-58).

SCHIMMEL, Rowena K., Resident Assistant in Allen Hall, ten months from August 18, 1958, $1600; for the convenience of the University, she will also be furnished board and room valued at $31 a month, while on duty (9-10-58).

SCHMIDT, John E., Instructor in Veterinary Anatomy and Histology (Veterinary Medicine) and in Veterinary Research (S), ¾ time, one year from September 1, 1958, $4350 (8-1-58).


SEKIGUCHI, Tadashi, Research Assistant Professor of Electrical Engineering (C), one year from September 1, 1958, $7200, supersedes (8-6-58).

SHERRIF, Fawzy, Research Assistant in Chemistry, four months from September 1, 1958, $425 a month (8-6-58).

SIMONS, John C., Instructor in Agricultural Engineering (S), June 16-August 31, 1958, $500 a month, supersedes (8-7-58); and on ¾ time, one year from September 1, 1958, $4500 (9-10-58).

SIMS, Nicholas L., Instructor in Histology (Dentistry), ½ time, one year from September 1, 1958, $3250 (7-31-58).

SKINNER, Edgar R., Research Associate in Animal Nutrition (S), eleven months from October 1, 1958, $5154 a year (8-7-58).

SMITH, Robert, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1958, $4700 (8-25-58).

STEIMLEY, Leonard L., Associate Professor of Mathematics, 7½ time, academic year beginning September 1, 1958, $5000 (7-28-58).

STENSTROM, Ralph H., Library Assistant, one year from September 1, 1958, $4800 (8-25-58).

TAYLOR, J. W., Instructor in Foreign Languages (S), one month from September 1, 1958, $335 a month (8-7-58).

TAYLOR, Robert, Instructor in Political Science, nine months from September 1, 1958, $4250 (9-9-58).

TUCKER, Ross N., Research Associate in Mining and Metallurgical Engineering (C), January 12, 1959-August 31, 1959, $6500 a year (7-31-58).
VALENTINE, BERNARD L., Research Scholar in Neurology, nine months from September 1, 1958, $3000, supersedes (9-9-58).

VAUGHAN, HERBERT E., Associate Professor of Mathematics (College of Liberal Arts and Sciences and Graduate College), academic year beginning September 1, 1958, $5000, supersedes (9-9-58).

VAUGHAN, RICHARD, Instructor in the Library, with rank of Assistant Professor, one year from September 1, 1958, $5370, supersedes (8-25-58).

WEISS, MARVIN, Assistant Professor of Operative Dentistry (Dentistry), one year from September 1, 1958, $9000 (9-9-58).

WESTON, PATRICIA G., Research Assistant in Chemistry, two months from June 16, 1958, $300 a month (7-28-58).

WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and Illinois Natural History Survey), ½ time, nine months from August 1, 1958, $2220 a year; and on full time for three months from June 1, 1959, $4440 a year (8-12-58).

WHITE, ROBERT A., Assistant in Mechanical Engineering, Summer Session of 1958, June 16-August 9, 1958, $800 for the period (7-22-58).

WITT, JOHN G., Lecturer in Health Education (Physical Education), nine months from September 16, 1958, $800 a month (9-9-58).

YARBOROUGH, KEITH A., Instructor in Civil Engineering (C), one year from September 16, 1958, $2750, supersedes (8-22-58).

YEH, KING C., Research Associate in Electrical Engineering (C), one year from September 16, 1958, $7800 (9-10-58).

ZABORETZKY, T., Apprentice Pharmacist in Manufacturing Pharmacy (Pharmacy), one year from July 1, 1958, $4800 (7-21-58).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)


AUBUCHON, MAX I., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1958, $400 (7-21-58).

BAER, ROBERT W., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).

BAILEY, NORMAN L., Sun Oil Company Fellow in Chemistry, nine months from September 16, 1958, $1800 (8-12-58).

BEULIGMANN, RAYMOND F., Motorola Corporation Paul V. Galvin Fellow in Electrical Engineering, nine months from September 16, 1958, $2000 (8-5-58).

BRODIE, CHARLES M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2800 (9-3-58).

CHONG, ELAINE, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, three months from July 1, 1958, $200 a month, and for nine months from October 1, 1958, $233.33 a month (7-22-58).

DAVIES, DANNY, Parke-Davis Fellow in Chemistry, June 16-August 15, 1958, $300 (7-21-58).

 DIAMOND, PETER T., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1958, $400 (7-21-58).
DILWORTH, James F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, $3900, supersedes (8-12-58).

DOPUCH, Nicholas, Ford Foundation Fellow in Accountancy, nine months from September 16, 1958, $2450 (9-6-58).

ELLIOTT, Rogers, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2400 (9-3-58).

ENDERBY, Charles E., Bendix Aviation Corporation Fellow in Electrical Engineering, nine months from September 16, 1958, $2000; this appointment is in addition to his 1/2 time Instructorship in Electrical Engineering (7-25-58).


ENRIETTO, Joseph F., Inland Steel-Ryerson Foundation Fellow in Mining and Metallurgical Engineering, nine months from September 16, 1958, $2400 (7-21-58).


FEARY, Mary-Jane C., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2000 (9-4-58).


FUHRER, Marcus J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2000 (9-3-58).

GAGNON, Patricia A., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).


HADDOX, Blanche E., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $2000 (9-4-58).

HAERTLE, Lois Wells Irwin Fellow in Library Science, nine months from September 16, 1958, $500 (7-29-58).


HIEBERT, Vern D., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, $3000, supersedes (9-10-58).

HOMAN, Virginia L., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).

JOHNSON, Elwin L., Owens-Corning Fiberglas Corporation Fellow in Ceramic Engineering, nine months from September 16, 1958, $1440 (8-29-58).

JOHNSON, Harold J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2000 (9-3-58).

KAUFMAN, Lee N., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $1800 (9-3-58).

LAWLESS, Jean C., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $2000 (9-4-58).

LEPPER, Margaret L., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).

MCMICHAEL, Robert, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2400 (9-3-58).

MILLER, Donovan E., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).

MINKOFF, Corinne G., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $2000 (9-4-58).
Mordue, Dale L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, $3000, supersedes (8-7-58).

Newton, Stephen B., Rockefeller Foundation Fellow in Bacteriology, nine months from September 16, 1958, $1350 (9-9-58).

Ohren, Beverly A., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).

Pierce, Jan R., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2000 (9-3-58).

Porter, Maurice G., Fellow in Law, nine months from September 16, 1958, $750 (8-28-58).

Schulman, Robert E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $1800 (9-3-58).

Schwartz, Donald, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1958, $233.33 a month (7-22-58).

Steffy, Richard A., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $1800 (9-3-58).


Ticktin, Myrna, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1958, $2400 (9-3-58).

Wasserman, Edward, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, two months from July 1, 1958, $283.33 a month (7-22-58).

Weiss, Donna L., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).

Woloshin, Arthur A., United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, nine months from July 1, 1958, $233.33 a month, and for three months from April 1, 1959, $283.33 a month (7-22-58).


Zaborsky, James R., United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1958, $1800 (9-4-58).

Resignations, Declinations, and Cancellations

Alexander, Barbara L., Instructor in Medical Social Work (Medicine) — resignation effective September 1, 1958.

Anderson, Truman O., Research Associate in Medicine (Medicine) — declination effective September 1, 1958.

Arata, Lucian A., Assistant Professor of Hygiene and Medical Adviser in the Health Service — resignation effective September 1, 1958.

Bacso, Imre, Research Assistant in Pharmacology (Medicine) — declination effective September 1, 1958.

Bahn, Arthur N., Instructor in Microbiology (Medicine) — resignation effective January 1, 1959.

Baker, Lyle A., Clinical Associate Professor of Medicine (Medicine) — resignation effective September 1, 1958.

Baldwin, Robert L., Jr., Fellow in the Chicago Professional Colleges — resignation effective September 1, 1958.

Baron, David B., Clinical Instructor in Psychiatry (Medicine) — resignation effective September 1, 1958.

Bedford, Rangiah E., Visiting Assistant Professor of Electrical Engineering — resignation effective August 16, 1958.

Burrous, Mrs. Margaret W., Research Assistant in Bacteriology — resignation effective September 1, 1958.

Burrous, Stanley E., Research Assistant in Dairy Science — resignation effective August 14, 1958.

Burton, Dwight, Visiting Lecturer in English (Summer Session) — resignation effective June 16, 1958.

Chakraverty, Nani, Research Assistant in Mining and Metallurgical Engineering — declination effective September 1, 1958.
CHODAOWSKI, ALEXANDER S., Associate Professor of Electrical Engineering—resignation effective September 1, 1958.

COPPERSMITH, ROBERT L., Assistant Professor of Agricultural Economics—resignation effective October 1, 1958.

COWLES, HARRETT E., Instructor in Foreign Languages (Chicago Undergraduate Division)—resignation effective September 1, 1958.

CRADDOCK, JOHN R., Assistant in Agricultural Education—declination effective August 1, 1958.

CRANK, FLOYD, Assistant Professor of Business Education—resignation effective September 1, 1958.

CUNNINGHAM, HUGH B., Research Associate in Agricultural Entomology—resignation effective September 1, 1958.

DAY, DAVID A., Assistant Professor of Civil Engineering—resignation effective September 1, 1958.

DECK, NORMA L., Bibliographer in the Library, with rank of Instructor—declination effective September 1, 1958.

DEKKER, TUNISH, Extension Specialist in the Division of University Extension—resignation effective September 1, 1958.

DMUCHOWSKI, BERNICE, Research Assistant in Biological Chemistry (Medicine)—declination effective August 1, 1958.

Doo, YEN YOUNG, Research Associate in Mining and Metallurgical Engineering—resignation effective September 1, 1958.

DOOLEN, GLEN W., Acting Medical Director of the Health Services and Associate Professor of Hygiene—resignation effective November 1, 1958.

DUNCAN, JAMES W., Research Associate in Electrical Engineering—resignation effective September 1, 1958.

EISNER, MRS. BETH BRADLEY, Associate Professor of Music—resignation effective August 31, 1958.

ELSON, JAMES J., Instructor and Research Associate in Agricultural Law—resignation effective August 19, 1958.

FETTING, RUDOLF A., Research Assistant in Dairy Science—resignation effective September 13, 1958.

FIOURCA, VINCENT, Research Assistant in Animal Science—resignation effective September 1, 1958.

GANDER, JAMES, Associate Professor of Biological Chemistry (Medicine)—resignation effective August 1, 1958.

GRIFFITHS, ALBERT O., Instructor in Veterinary Clinical Medicine—resignation effective October 1, 1958.

HATCH, JOSEPH L., Instructor in Ophthalmology (Medicine)—resignation effective July 1, 1958.

HEILPERN, GISELA, Cataloger in the Library, with rank of Instructor—resignation effective October 1, 1958.

HILL, DEANE W., Bibliographer in the Library, with rank of Instructor—resignation effective September 1, 1958.

HORNBACK, VERNON T., Assistant in English—resignation effective September 16, 1958.

HWA, RUDOLPH C., Research Assistant Professor of Electrical Engineering—resignation effective September 1, 1958.

JABCON, DOROTHY A., Assistant in the School of Nursing—resignation effective September 17, 1958.

JACOBS, ALLEN, Fellow in the Chicago Professional Colleges—declination effective June 16, 1958.


KOIK, JUTA V., Physician in the Health Service and Instructor in Medicine (Medicine)—declination effective September 1, 1958.

KRISHNA, KUMAR, Assistant in Biological Sciences (Chicago Undergraduate Division)—declination effective September 16, 1958.

KUSUMOTO, HAZIME, Research Assistant in Chemistry—resignation effective August 17, 1958.

LAWRENCE, MADONNA, Catalog Assistant in the Library—resignation effective September 1, 1958.
LIU, RUEY WEN, Instructor in Electrical Engineering — declination effective September 1, 1958.
LYNCH, EUGENE D., Associate Professor of Ceramic Engineering — declination effective September 1, 1958.
MAROTTA, SABATH F., Research Associate in Animal Science — resignation effective September 1, 1958.
MASLOW, WILLIAM C., Clinical Instructor in Medicine (Medicine) — resignation effective September 1, 1958.
NAKABAYASHI, NICHOLAS, Assistant in Dairy Science — declination effective September 1, 1958.
NEUMANN, LORENA P., Instructor in Home Economics — cancellation effective September 1, 1958.
O'NEIL, ARTHUR L., Mathematics Institute Fellow in Mathematics — resignation effective September 16, 1958.
PAULL, ELISE T., Resident Assistant in Allen Hall — declination effective August 19, 1958.
PENNELL, ARTHUR E., Assistant in English — resignation effective September 16, 1958.
PETTE, RUTH E., Fellow in Music — resignation effective September 16, 1958.
RAMARAO, PALAMANDA B., Research Assistant in Animal Nutrition — resignation effective September 1, 1958.
RAMSAY, FREDERICK, Fellow in the Chicago Professional Colleges — resignation effective September 1, 1958.
RAPPORT, ANITA E., Assistant Professor of Anesthesiology (Medicine) — declination effective September 1, 1958.
RHOADES, MARCUS M., Professor of Cytogenetics (Agronomy) and of Botany — resignation effective September 1, 1958.
RIX, DOLORES M., Research Assistant in Medicine — resignation effective September 1, 1958.
ROMINE, DONALD J., Research Assistant in Ceramic Engineering — resignation effective September 1, 1958.
SAMS, BURNETT H., Research Associate in the Control Systems Laboratory — resignation effective September 1, 1958.
SIMPSON, IDA H., Instructor in the School of Nursing — resignation effective September 1, 1958.
SKINNER, EDGAR R., Research Associate in Animal Nutrition — declination effective October 1, 1958.
SLOCUM, CLYDE W., Research Assistant in Education and on the Committee on Admissions from Secondary Schools — resignation effective September 1, 1958.
SLOCUM, MRS. MARY BETH, Assistant in English — resignation effective September 16, 1958.
SMILEY, JOSEPH R., JR., Dean of the College of Liberal Arts and Sciences and Professor of French — resignation effective September 1, 1958.
SPIES, HENRY R., Assistant Editor in the Engineering Experiment Station — resignation effective September 1, 1958.
STENSTROM, PATRICIA F., Education, Philosophy, and Psychology Library Assistant — declination effective September 1, 1958.
STERN, MILTON R., Assistant Professor of English — resignation effective September 1, 1958.
STUWE, HEIN P., Research Associate in Mining and Metallurgical Engineering — resignation effective October 1, 1958.
TSUI, DAISY, Cataloger in the Library, with rank of Instructor — resignation effective September 1, 1958.
TUTTLE, FREESTON H., Assistant in English — declination effective September 16, 1958.
WALKER, WILLIAM G., Assistant in Radiology (Medicine) — resignation effective August 1, 1958.

WHALEY, ELSA A., Research Associate in the Institute for Research on Exceptional Children — resignation effective September 1, 1958.

WHITE, EDWIN L., Research Assistant in Microbiology (Medicine) — resignation effective September 1, 1958.

WILLIAMS, HENRY F., Instructor in Economics (Chicago Undergraduate Division) — resignation effective September 1, 1958.

WILLIAMS, MRS. DONNA T., Research Assistant in the State Water Survey — resignation effective August 22, 1958.

WOOD, WYLLIS A., Associate Professor of Bacteriology (Dairy Science) — resignation effective September 14, 1958.

WOODS, BILL M., Map Librarian and Assistant Professor of Library Science — resignation effective September 1, 1958.

YOUNG, CLYDE W., Music Library Assistant — resignation effective September 18, 1958.

LEAVES OF ABSENCE

Baldwin, Thomas W., Professor of English — change in status from retirement, effective September 1, 1958, to leave of absence, without pay, for one year from September 1, 1958, so that he may accept an appointment on the faculty of Southern Illinois University during the academic year 1958-59.

Braden, Betty J., Henderson County Home Adviser — leave of absence, with pay, for three months from July 1, 1958, on account of illness.

Curley, Daniel, Associate Professor of English — sabbatical leave of absence granted him for the academic year 1958-59, for the first semester on one-half pay and for the second semester without pay, changed to leave of absence for the first semester without pay and for the second semester on one-half pay.

Doyle, Lawrence E., Professor of Mechanical Engineering — leave of absence, without pay, for the academic year beginning September 1, 1958, so that he may devote this time to writing books.

Dunn, Dorothy F., Associate Professor of Hygiene and Public Health — leave of absence, without pay, for the academic year, 1958-59, so that she may complete work on her doctorate at Purdue University.

Edelman, Murray, Professor of Political Science, in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations — leave of absence, without pay, for four months from February 1, 1959, so that he may accept a Visiting Professorship in Political Science at the University of Texas.

Fuller, Harry J., Professor of Botany — leave of absence on account of illness, with full pay, from September 1, 1958, through February 28, 1959.

Jackson, Joseph A., Professor of Crop Production (Agronomy) — leave of absence, without pay, for two years from October 1, 1959, in order that he may accept an assignment in Poona, India, as a Range and Forage Crop Specialist with the Kansas State College Team.

Levinson, Ida, Counselor on University Council on Teacher Education and Assistant Professor of Speech — leave of absence on account of disability, without pay, from September 1, 1958, through February 28, 1959.

Lipe, Dale M., Assistant Professor of Full and Removable Partial Dentures (Dentistry) — leave of absence, without pay, for one year from September 1, 1958.

Page, David, Assistant Professor of Education (University High School) — leave of absence on 3/10 time, without pay, beginning September 1, 1958.

Ruina, Jack P., Research Associate Professor in the Control Systems Laboratory, and Associate Professor of Electrical Engineering — leave of absence, without pay, beginning August 1 and continuing through August 15, 1958, so that he may attend the National Academy of Science Summer Study Group, Woods Hole, Massachusetts.

Stone, Clarence W., Professor of Library Science — leave of absence for the academic year 1958-59, so that he may accept an appointment offered him by the United States Office of Education to serve as consultant on research and experimentation in television, radio, motion pictures, and related media for educational purposes.
TRUMP, J. LLOYD, Professor of Education and Head of Teacher Placement on the University Council on Teacher Education—leave of absence, without pay, on 83 per cent time, beginning September 1, 1958.

WOODS, GEORGE T., Assistant Professor of Veterinary Extension, in the Extension Service in Agriculture and Home Economics and in the College of Veterinary Medicine—leave of absence, without pay, for eleven months from September 1, 1958.

CANCELLATION OF SABBATICAL LEAVES OF ABSENCE

MADISON, KENNETH M., Associate Professor of Biological Sciences (Chicago Undergraduate Division)—sabbatical leave of absence for the academic year beginning September 1, 1958, cancelled, without prejudice.

STONE, CLARENCE W., Professor of Library Science—sabbatical leave of absence for the first semester with pay cancelled, without prejudice.

OCTOBER, NOVEMBER, AND DECEMBER MEETINGS

On motion of Mr. Johnston, the Board voted to hold its October meeting in Chicago, Illinois, on Thursday, October 23, 1958, at an hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Bissell, the Board voted to hold its November meeting in Chicago, Illinois, on Wednesday, November 19, 1958, at an hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Bissell, the Board voted to hold its December meeting in Chicago, Illinois, on Wednesday, December 17, 1958, at an hour and place to be determined by the President and Secretary of the Board.

EXECUTIVE SESSION

At this point, on motion of Mr. Williamson, an executive session was ordered for consideration of the following items of business.

PURCHASE OF PROPERTY AT 502 EAST JOHN STREET, CHAMPAIGN

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 502 East John Street at a price of $25,000.

The property, located at the northeast corner of John and Fifth Streets, consists of a lot 66 feet wide and 130 feet deep with a three-story frame house which has been used as a student rooming house, and is in an area which the University will ultimately need to acquire for expansion of the campus. In the meantime, there is a great need for additional parking facilities in this area. The Board of Trustees has recently approved the purchase of the property at 508 East John Street, Champaign, in the same block.

The property at 502 East John Street was offered to the University for $30,000 but the offer was rejected and the price was reduced to $25,000 which represents a cost of $2.91 per square foot and is within appraisals obtained by the University.

Funds are available in the state capital appropriations to the University for 1957-59. The balance remaining in the item for land has been scheduled for acquisition of other properties, but these acquisitions can be deferred.

Mr. Williamson stated that this recommendation, with the President of the University concurring therein, was previously considered by the Committee on Buildings and Grounds and that the Committee supports it.

On motion of Mr. Williamson, the purchase of this property, as recommended, was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton.
RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(19) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Method for destroying hardwood tree stumps — C. S. Walters, Professor of Forestry, and K. R. Peterson, Research Associate in Forestry, inventors. At its meeting on April 18, 1958, the Board of Trustees approved the transfer of this invention to the University of Illinois Foundation with authority to file a patent application if it appeared desirable. The Foundation has now requested the Patent Committee to make a recommendation as to the distribution of any net income that may be received from licenses or royalties on this invention.

The Patent Committee recommends that 15 per cent of the income received by the Foundation from licenses or royalties on this invention remaining after the payment of all expenses incurred in connection with such invention be paid to the inventors.

2. Electrolytic saw — Marvin Metzger, Associate Professor of Physical Metallurgy, inventor. This invention is a device for cutting electrically conducting materials without strain by passing a direct current from the specimen to a wire cathode held in close proximity to it through a suitable electrolyte. The novel feature of the present device is that it uses a cathode in close proximity to the specimen, and this can produce localized cutting action even when the electrolyte is applied over a large area of the specimen.

The Head of the Department of Mining and Metallurgical Engineering is of the opinion that this development will be of use only in the laboratory and has little or no commercial application; he does not recommend that funds be expended in attempting to secure a patent. The Patent Committee concurs in this opinion and recommends that it be released to the United States Navy, the sponsoring agency under which it was developed.

I concur in these recommendations.

On motion of Mr. Bissell, these recommendations were approved.

On motion of Mr. Bissell, the Board adjourned.

A. J. JANATA

Secretary

PARK LIVINGSTON

President
MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 23, 1958

The October meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Thursday, October 23, 1958, beginning at 10:00 a.m., central daylight saving time.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton and Mr. Timothy W. Swain were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Mr. Vernon L. Kretschmer, Director of Housing, Mr. H. A. Hazleton, Business Manager of the Chicago Colleges, Mr. H. W. Pearce, Superintendent of Buildings and Grounds at the Chicago Colleges, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. Richard L. Nelson, President of the Real Estate Research Corporation, Mr. William Hartmann of the firm of Skidmore, Owings, and Merrill; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on June 19, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 1273 to 1670, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

BIENNIAL OPERATING BUDGET

(1) Under state law the University must file with the Department of Finance not later than November 1 of each even-numbered year an estimate of the state appropriations it will request for the biennium beginning the following July.

The Board of Trustees at its meeting on July 29, 1958, approved recommendations for capital appropriations for 1959-61. I now submit the operating budget estimates for the two-year period beginning July 1, 1959. These estimates have been prepared after several months of study by the University's Budget Committee under the chairmanship of the Vice-President and Provost, and have been reviewed with the University Council. Substantial reductions were made in the original estimates prepared by the colleges, schools, institutes and other departments. The budget estimates as now submitted represent the minimum needed for the biennium of 1959-61.

These estimates have also been carefully considered by the Finance Committee of the Board in a special work session in which the other Trustees participated.

I recommend that these budget estimates be approved as a basis for filing with the State Department of Finance and presentation to the state administration and to the Illinois Budgetary Commission.

The recommendations of the President, including the budget estimates and supporting materials, had been sent to all members of the Board of Trustees for study in advance of the meeting, and had previously been considered by the Finance Committee in consultation with the other Trustees.

Following President Henry's presentation, President Livingston called for discussion by the Trustees, in which all members present participated.

At the conclusion of these discussions, on motion of Mr. Johnston, seconded by Mrs. Watkins, the following operating budget was approved, and the President of the University was authorized to present these recommendations to the Department of Finance. This motion was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

On motion of Mrs. Watkins, the President of the Board, the President of the University, and the Chairman of the Finance Committee
were authorized to represent the University in conferences regarding this budget with state officials.

UNIVERSITY OF ILLINOIS BIENNIAL BUDGET FOR OPERATIONS, 1959-61

INTRODUCTION

Budget for 1958-59

The University of Illinois annual budget is $46,341,140 from tax funds and $6,432,660 from University general income, or a total of $52,773,800.1 This budget encompasses not only teaching, but also research activities, extension teaching, and other services to the people of the state.

Many activities receive additional financial support from federal grants and contracts, and from private gifts. In addition, the University operates auxiliary enterprises such as residence halls, union buildings, and bookstores. Receipts from all these sources are included in the annual operating budget, which totals $77,043,000. Tax revenues of $46,341,140 make up 60 per cent of the total budget from all funds.

The biennial budget consists of only those funds which require appropriation by the General Assembly—the $52,773,800 for 1958-59 from tax funds and University income, plus $51,288,200 for 1957-58, or a total of $104,062,000 for the biennium. The funds appropriated by the Seventieth General Assembly total $104,562,000, but $500,000 will not be spent, since the increase in enrollment during 1957-58 was not as great as anticipated.

Procedures for Budget Request, 1959-61

In January, 1958, the Deans and Directors submitted requests for budget increases according to the classifications shown in Schedule A. Salary adjustments have been considered separately on a University-wide basis.

All requests have been studied by a Budget Committee appointed by the President. This Committee consists of the Vice-President and Provost as Chairman, the Vice-President and Comptroller, the Vice-President in charge of the Chicago Professional Colleges, the Dean of the Graduate College, and six faculty members from all three campuses, including representatives of the budget committees of the three Senates. The Committee has held weekly meetings during which it conferred with Deans and Directors to analyze their requests. The Committee has also given careful attention to the various proposals for salary increases and has concurred in the recommendations herein presented.

Budget Summary

The requests for additional funds submitted by Deans and Directors plus the salary recommendations total $36,755,544 for the biennium. After careful analysis of these requests, the Budget Committee has reduced this figure and recommends an increase of $26,948,000 over the appropriations for 1957-59 (an average of $13,474,000 a year) or approximately 26 per cent of the current appropriations. The total requested budget of $131,700,000 includes $118,410,000 from tax revenues of the state and $13,100,000 from University income. It is divided to provide $63,191,000 for the first year of the biennium and $68,319,000 for the second. The higher amount in the second year will be needed primarily for salary adjustments, but also because of a larger enrollment and new buildings put into operation in that year. This means an added $5,128,000 will be required in 1961-63 to maintain the level to be established during the second year of the coming biennium.

Schedule A is a summary statement of the various items included. In parallel columns are listed comparable figures for increases originally requested by Deans and Directors. Following Schedule A are explanatory statements concerning the purposes for which additional funds are requested.

1 This and all other figures in this request include separate appropriations made in 1957-59 for the Gerontological Committee, Horseradish Research, and Agricultural Extension, but it does not include the Institution for Tuberculosis Research.
Schedule A — Summary of 1959-61 Biennial Budget
(All amounts are for two years except as noted)

<table>
<thead>
<tr>
<th>Requested by Deans and Directors</th>
<th>Amount Recommended</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Contribution to University Retirement System</td>
<td>$997,200</td>
</tr>
<tr>
<td>II. A. To continue for a full biennium, funds required for one year only in 1957-59</td>
<td>$1,485,600</td>
</tr>
<tr>
<td>Less Income Fund not spent in 1957-59</td>
<td>$-500,000</td>
</tr>
<tr>
<td>Net Amount to continue present budget</td>
<td>$(985,600)</td>
</tr>
<tr>
<td>B. For essential increases in expense and equipment</td>
<td>$4,024,982</td>
</tr>
<tr>
<td>C. To continue on a permanent basis, expenditures financed temporarily from savings</td>
<td>$1,415,000</td>
</tr>
<tr>
<td>III. Salary adjustments for all staff</td>
<td>$12,000,000</td>
</tr>
<tr>
<td>IV. University's contribution to staff health insurance program</td>
<td>$600,000</td>
</tr>
<tr>
<td>V. To put new buildings into operation</td>
<td>$1,290,200</td>
</tr>
<tr>
<td>VI. For additional enrollment</td>
<td>$1,027,541</td>
</tr>
<tr>
<td>VII. To improve educational program</td>
<td>$14,334,918</td>
</tr>
<tr>
<td>VIII. Increases in refunds</td>
<td>$80,000</td>
</tr>
<tr>
<td><strong>Total Increases</strong></td>
<td>$36,755,544</td>
</tr>
<tr>
<td>Present Budget</td>
<td>$104,562,000</td>
</tr>
<tr>
<td>Proposed Budget</td>
<td>$131,510,000</td>
</tr>
</tbody>
</table>

Fund Distribution

<table>
<thead>
<tr>
<th>General Revenue</th>
<th>Income Fund</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Present Budget</td>
<td>$92,562,000</td>
<td>$12,000,000</td>
</tr>
<tr>
<td>Increase</td>
<td>25,848,000</td>
<td>1,100,000</td>
</tr>
<tr>
<td>Proposed Budget</td>
<td>$118,410,000</td>
<td>$13,100,000</td>
</tr>
</tbody>
</table>

EXPLANATION OF INCREASES REQUESTED

I. Contribution to Retirement System

The University Retirement System provides disability and retirement benefits to all permanent staff members and employees of the University, of the other state universities, and of the three scientific surveys. The University's share of the cost of the System is included regularly in University appropriations. An increase of $695,000 for the biennium is required for the benefits to be provided under the present law, mainly because of the larger number of persons who will be on retirement. An additional $302,000 is included to provide for needed improvements in the Retirement System, which have been approved by its Board of Trustees.

IIA. To continue for a full biennium, the funds required for one year only in 1957-59

As reported to the Seventieth General Assembly, $1,985,600 was included for additional enrollment, new buildings, and salary adjustments for 1958-59. In approving the budget, the General Assembly anticipated that additional appropriations equal to this amount would be required in 1959-61 to continue the level established in this budget. Because enrollments were below estimates, the 1958-59 budget exceeds the 1957-58 budget by $1,485,600 instead of by $1,985,600. The increases in the second year are:

- Salary adjustments: $1,007,074
- Operation of Biology Building: 84,000
- Operating expense of Research and Educational Hospitals from additional hospital income: 215,000
- For increased enrollment: 89,526

$1,485,600

1 Includes funds for second year of biennium only, as follows: salary adjustments, $4,000,000; new buildings, $348,000; additional enrollment, $785,000; total, $5,128,000.
2 Includes separate appropriations for Gerontological Committee, Horseradish Research, and Agricultural Extension.
As a result of the reduction in the budget, $500,000 of the 1957-59 appropriation from the University Income Fund will not be spent. The biennial appropriation can therefore be reduced by $500,000, making a net increase of $985,600 in the budget.

II.B. For essential increases in expense and equipment budgets......$4,000,000

No increases in biennial budget appropriations for increased costs of supplies and equipment have been made since 1949-51, all increases having been specifically for other purposes, such as contributions to the Retirement System, operation of new buildings, salary adjustments, and increased enrollment. In 1953-55, reductions were made in the expense and equipment budget of nearly every department. Thus, there are serious deficiencies, the correction of which is of high priority.

During this period, the price of nearly everything the University buys has been going up approximately 5 per cent a year. Coal has increased from five to six dollars a ton in the last three years. A dollar a ton is a significant increase since the University uses 60,000 tons a year. The increases in postal rates have contributed to the budget problems of many departments.

It has been impossible to replace all obsolete and worn-out equipment. Increased costs can no longer be met through internal adjustments and savings. The University's inventory of equipment is approximately $30,000,000, about three-fourths of which has been provided from state funds. The present appropriation for equipment is $1,000,000 a year, which provides for replacement on the average of once every thirty years. The most expensive type of equipment, scientific apparatus, becomes obsolete in less than half that time. Equipment budgets should be increased by at least 50 per cent to provide for an average replacement once every twenty years; however, the requested increase of 40 per cent will enable the University to inaugurate a program of regular replacement and to correct the most urgent deficiencies.

II.C. To continue on a permanent basis expenditures financed temporarily from savings.................................$1,415,000

During the present biennium it has been necessary to increase the various operating budgets, both for staff and for current operating expenses, by the use of temporary savings in other areas. All these needs, which are detailed in Schedule B, will continue in the next biennium and should be provided for on a permanent basis. The principal items include interior painting, rental and staff for an IBM Electronic System, increases in fellowship stipends, additional staff for extramural classes, and operating expense of the Departments of Chemistry and Chemical Engineering and of Admissions and Records.

III. Salary adjustments for all staff..............................................$12,000,000

While the increases provided in the 1957-59 budget have enabled the University to keep pace with increases at comparable institutions, further adjustments of considerable magnitude will be required during the next four biennia if faculty salaries are to be brought into line with comparable professions and other universities of great distinction. The President's Committee on Education Beyond the High School has recommended that faculty salaries be increased to twice the 1956 level within five to ten years.

From 1952 until 1956 the cost of living remained fairly constant, rising only 2 per cent during the four-year period. Thus, the increases made during that period represented substantial gains in purchasing power. During the last two years, however, in spite of the business recession, the Bureau of Labor Statistics Index of Consumer Prices has risen steadily month by month, so that the price level is now 6½ per cent greater than it was two years ago. There are good reasons for believing that a similar trend in living costs will continue.

The increases in faculty salaries at a number of other universities in the Middle West since 1951 on the average have exceeded those at the University of Illinois. These schools are planning increases comparable to those presented here. In 1957 the University ranked fourth among the Council of Ten Universities in average salaries for full professors, fifth for associate professors, third for assistant professors, and second for instructors.

Several leading universities now have minimum salaries of $12,000 for full professors. The minimum at the University of Illinois is now $8,400, and it
should be raised to $12,000 within the next two or three biennia. Approximately three-quarters of the academic staff are below the rank of professor.

The gap between faculty salaries and commercial and industrial positions requiring comparable training is so great that many of the most promising students go into other lines of work. The situation is particularly acute in engineering, but shortages also exist in architecture, law, commerce, medicine, dentistry, chemistry, and many other fields.

Business Week magazine has reported that the average salary of ten-year college graduates is $9,200 for industry and $10,400 for banking. This is from 20 to 30 per cent more than the average University of Illinois faculty member of similar seniority receives. A neighboring engineering school recently made a study of forty-seven teachers who left its faculty to enter industry. Two-thirds of the former staff members received industrial salaries which exceeded their academic salaries by 50 per cent, and one-sixth of them received more than twice as much.

The University of Illinois has the largest and one of the finest Colleges of Medicine in the country. Yet fewer than 10 per cent of the full-time staff of the College receive salaries above the national average for practicing physicians.

The most serious problem facing higher education in the next decade is recruiting enough personnel to staff classes adequately for twice the present enrollment. The University can ill afford to lose staff to other professions, and concerted efforts must be made to attract more people to the teaching profession. Many men and women are temperamentally attracted to the academic life, but to hold even these a generous increase in the salary level is essential.

Adjustments in nonacademic salaries must be made to keep pace with anticipated increases in industry and in private and federal employment. In most nonacademic groups the salaries are now reasonably in line with comparable positions elsewhere, but further adjustments are needed in some areas.

Altogether, $4,000,000 is needed for salary adjustments for all members of the staff in the first year of the biennium and an additional $4,000,000 in the second year, a total of $12,000,000 for the biennium. As indicated above, some increases in minimum salaries will be proposed. Otherwise, no percentage or across-the-board increases are contemplated, and each group will be considered on the basis of its relative position in comparison with comparable employment outside the University. With minor exceptions, every employee will receive some increase.

The amount requested is nearly half the new money asked for, and is approximately 10 per cent of the total proposed budget from tax funds. It is not the final answer to the salary problem, but it will permit a continuation of orderly improvement.

IV. University's contribution to the health insurance program

The University has provided, on a voluntary basis, hospital, medical, and surgical insurance for members of the staff and their dependents. A staff committee has made an exhaustive study and recommends a plan which would cover the first $250 of all hospital expenses, and 80 per cent thereafter. It would also cover 80 per cent of medical expenditures in excess of $100. Each person would be insured for a $15,000 maximum benefit. The committee recommends that the University pay the full cost of the insurance for staff members and half of the premium for dependents. This proposal is in line with a growing practice in industry and provides an excellent benefit at a relatively low cost to the state. The premiums for employees paid from other than state appropriations would be charged against funds from which the employees are paid.

V. To put new buildings into operation

Funds will be needed for operation of buildings to be completed during the next biennium. These include the new Physics Building, Library Addition, Fine Arts Building, Medical Research Laboratory, Classroom Addition in Chicago, and several minor structures. Funds for the Labor and Industrial Relations Building, Veterinary Isolation Unit, and the Assembly Hall in the amount of $348,000 are requested for one year only. An itemization of the amounts appears in Schedule C.

VI. For additional enrollment

From 1,000 to 1,500 additional students are expected to enroll on the three
camps each year of the new biennium. Only part of this increase can be served by the present staff. The enrollment of graduate students (the cost of graduate instruction is higher than the cost of teaching freshmen and sophomores) has substantially increased during the present biennium and this trend is expected to continue. Enrollment is not distributed evenly among all the departments, and additional staff will be required in areas where pressures are heavy. During 1959-60, approximately one-half of the additional enrollment can be taught by the present staff, but fifty-five more full-time staff members will be needed at a cost of $350,000. In the second year of the biennium, one hundred twenty more full-time staff members will be needed at a cost of $780,000, making a total of $1,480,000 for the biennium.

VII. To improve the educational program

Increases totaling $7,167,459 a year, or $14,334,918 for the biennium, have been requested by Deans and Directors for improving the educational program. Few new programs are contemplated in the reduced requests. Instead, the emphasis will be on expanding areas of teaching, research, and public service to maintain the University's position. The University Budget Committee is studying the relative merits of the total requests and will submit an itemization later. The sum proposed is less than 30 per cent of the requests from Deans and Directors, and represents the minimum amount needed to enable the University to meet current commitments and to provide for essential improvements in its educational program and services to the state.

VIII. Refunds

State law requires all income from fees to be deposited in the State Treasury. Students who leave the University early in a semester are entitled to a refund of all or a portion of the fees depending on time of withdrawal. Based on the experience of the present biennium, the amount to be appropriated for refunds should be increased by $80,000. This entire increase comes from the University Income Fund.

OBJECT CLASSIFICATIONS

The State Finance Act requires that appropriation requests be submitted in terms of certain designated object classifications. These are shown in Schedule D.

A word should be added about the classification, "Contingencies." This does not represent funds for which the University has no known need. The present appropriations have been allocated to departments in a line-item internal budget in which all salaried positions are listed. All increases for the coming biennium are based upon specific requests from Deans and Directors, with adjustments by the University Budget Committee.

It is not always possible to expand a budget exactly as planned, particularly when estimates must be made as much as three years in advance of some of the actual expenditures. New faculty can not always be found immediately to fill vacancies. A department might decide that it is more desirable to construct a piece of equipment than to purchase it. While the end result would be the same, "Personal Services" and "Commodities" would replace "Equipment" so far as the object classification of expenditures is concerned. Therefore, in order to provide reasonable flexibility, the Department of Finance permits setting up five per cent of the appropriation under "Contingencies," and this amount is later allocated to the other object classifications as the exact distribution becomes known.

Schedule B — Increases to Continue on a Permanent Basis

<table>
<thead>
<tr>
<th>Expenditures Financed Temporarily from Savings</th>
<th>Annual Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture — half-time Editor..</td>
<td>$ 2 200</td>
</tr>
<tr>
<td>Agricultural Economics — part-time Assistant</td>
<td>2 200</td>
</tr>
<tr>
<td>Plant Pathology — Typist.</td>
<td>2 700</td>
</tr>
<tr>
<td>Accountancy — half-time Typist.</td>
<td>1 500</td>
</tr>
<tr>
<td>Economics — half-time Secretary.</td>
<td>1 800</td>
</tr>
<tr>
<td>Executive Development Center — Secretary.</td>
<td>3 990</td>
</tr>
</tbody>
</table>
Engineering — editorial staff .................................................. $ 6,350
Mineral and Metallurgical Engineering — half-time Associate Professor 3,500
Architecture and Art — Assistant Professor ................................ 3,700
Bureau of Community Planning — Professor .................................. 12,000
Bands — Librarian ..................................................................... 4,800
Graduate Fellowships ................................................................ 52,500
IBM electronic data processing machine — rental and staff .............. 70,000
Astronomy — part-time Assistant Professor ................................. 2,000
Chemistry and Chemical Engineering — part-time Assistant Professor,
  Typist, and expense ............................................................... 25,700
Entomology — part-time Assistant ............................................... 1,700
French and Russian — two Assistant Professors ......................... 11,795
German — three-quarter time Assistant Professor ...................... 4,750
Mathematics — two Assistant Professors and half-time Typist ........ 13,500
Physiology — part-time Assistants ............................................. 900
Speech — Instructor .................................................................. 4,500
Zoology — part-time Assistants ................................................ 3,700
Recreation — community consulting program ................................ 5,400
Extramural Classes .................................................................... 35,420
Veterinary Pathology and Hygiene — Professor ......................... 10,300
Institute of Government and Public Affairs — Assistant Professor . 8,000
Institute of Labor and Industrial Relations — Assistant Professor ... 7,000
Social Work — Typist ............................................................... 3,600
Summer Session — teaching staff, Urbana and Chicago Undergraduate
  Division .................................................................................. 9,500
University Press — publications .................................................. 10,000
Library — additional book purchases .......................................... 35,900
Physical Plant — renewals and replacements ............................... 198,870
School of Nursing — Instructor ................................................ 4,800
Chicago Undergraduate Division — three Assistant Professors ....... 17,500
Administrative Assistant to the President .................................... 15,000
Citizens Committee — part-time staff ........................................ 1,700
Community Problems — expense ............................................. 6,000
Student Counseling Services — summer testing program for freshmen 9,880
Instructional Television — staff and expense ............................... 16,000
Admissions and Records — expense ........................................ 50,745
Coordinator of College Day Programs ....................................... 3,000
Business Office, Chicago Professional Colleges — expense .......... 5,500
Nonacademic Personnel — service awards and advertising expense. 6,000
Dean of Women — part-time Assistant ...................................... 2,600
Total, annual amount ................................................................ $ 707,500
Total for the Biennium ................................................................ $1,415,000

Schedule C — Increases to Put New Buildings into Operation

<table>
<thead>
<tr>
<th>Building Name and Addition</th>
<th>1959-60</th>
<th>1960-61</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Research Laboratory — Chicago Physical Plant</td>
<td>$ 128,600</td>
<td></td>
</tr>
<tr>
<td>Building operation</td>
<td>4,000</td>
<td></td>
</tr>
<tr>
<td>Total, Medical Research Laboratory</td>
<td>$132,600</td>
<td></td>
</tr>
<tr>
<td>East Dentistry-Medicine-Pharmacy Building Classroom Addition Physical Plant</td>
<td>13,350</td>
<td></td>
</tr>
<tr>
<td>Medical Center Steam Plant Addition Physical Plant</td>
<td>64,000</td>
<td></td>
</tr>
<tr>
<td>Fine and Applied Arts Building and Krannert Art Museum Physical Plant</td>
<td>75,400</td>
<td></td>
</tr>
<tr>
<td>Museum operation</td>
<td>30,600</td>
<td></td>
</tr>
<tr>
<td>Total, Fine and Applied Arts</td>
<td>$106,000</td>
<td></td>
</tr>
<tr>
<td>Physics Building Physical Plant</td>
<td>69,400</td>
<td></td>
</tr>
</tbody>
</table>
Veterinary Medicine Isolation Unit
Building operation

Library Addition
Physical Plant
Building operation

Total, Library Addition

Biology Building (in addition to 1958-59 funds)
Physical Plant
Building operation
Library

Total, Biology Building

Institute of Aviation Terminal Building and Tower
Building operation

Institute of Labor and Industrial Relations Building
Physical Plant

Total, Labor and Industrial Relations Building

Health Service Building
Physical Plant
Building operation

Total, Health Service Building

Assembly Hall

Physical Plant

Other areas

\[
\begin{align*}
\text{Schedule D — Summary By Object Classification and Fund} \\
\text{General Revenue} & \quad 1957-59^1 \quad \text{Change} \quad 1959-61 \\
\text{Personal Services.} & \quad $72,732,000 \quad $19,188,600 \quad $91,921,300 \\
\text{Travel.} & \quad 432,000 \quad 68,000 \quad 500,000 \\
\text{Contractual Services.} & \quad 9,000,000 \quad 3,000,000 \quad 12,000,000 \\
\text{Commodities.} & \quad 3,100,000 \quad 1,399,200 \quad 4,500,000 \\
\text{Equipment.} & \quad 1,400,000 \quad 800,000 \quad 2,200,000 \\
\text{Retirement Contributions.} & \quad 3,241,500 \quad 997,200 \quad 4,238,700 \\
\text{Permanent Improvements.} & \quad 350,000 \quad 50,000 \quad 400,000 \\
\text{Contingencies.} & \quad 5,000 \quad -5,000 \quad \\
\text{Artificial Appliances and Physical Examinations for Aided Persons.} & \quad 200,000 \quad 50,000 \quad 250,000 \\
\text{Hospital and Medical Services.} & \quad 2,100,000 \quad 300,000 \quad 2,400,000 \\
\text{Total, General Revenue.} & \quad $92,562,000 \quad $25,848,000 \quad $118,410,000 \\
\text{University Income} & \quad \text{Requested} \quad 1959-61 \\
\text{Personal Services.} & \quad $4,000,000 \quad $-7,300,000 \quad $3,360,000 \\
\text{Travel.} & \quad 70,000 \quad 30,000 \quad 100,000 \\
\text{Contractual Services.} & \quad 1,000,000 \quad 1,000,000 \quad \\
\text{Commodities.} & \quad 500,000 \quad 500,000 \quad \\
\text{Equipment.} & \quad 600,000 \quad 600,000 \quad \\
\text{Refunds.} & \quad 250,000 \quad 75,000 \quad 325,000 \\
\text{Awards and Grants.} & \quad 440,000 \quad 210,000 \quad 650,000 \\
\text{Claims under Workmen's Compensation Act.} & \quad 50,000 \quad 15,000 \quad 65,000 \\
\text{Contingencies.} & \quad 5,000,000 \quad 1,500,000 \quad 6,500,000 \\
\text{Total, University Income.} & \quad $12,000,000 \quad $1,100,000 \quad $13,100,000 \\
\end{align*}
\]

1 Includes Gerontological Committee, Horseradish Research, and special appropriation for Agricultural Extension.
General Revenue and Income Fund

Combined

<table>
<thead>
<tr>
<th>Category</th>
<th>1960</th>
<th>1959</th>
<th>1958</th>
<th>1957</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal Services</td>
<td>$ 76,822,700</td>
<td>$18,658,600</td>
<td>$ 95,281,300</td>
<td></td>
</tr>
<tr>
<td>Travel</td>
<td>502,000</td>
<td>98,000</td>
<td>600,000</td>
<td></td>
</tr>
<tr>
<td>Contractual Services</td>
<td>10,000,000</td>
<td>3,000,000</td>
<td>13,000,000</td>
<td></td>
</tr>
<tr>
<td>Commodities</td>
<td>3,600,800</td>
<td>1,399,200</td>
<td>5,000,000</td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td>2,000,000</td>
<td>800,000</td>
<td>2,800,000</td>
<td></td>
</tr>
<tr>
<td>Retirement Contributions</td>
<td>3,241,500</td>
<td>997,200</td>
<td>4,238,700</td>
<td></td>
</tr>
<tr>
<td>Permanent Improvements</td>
<td>350,000</td>
<td>50,000</td>
<td>400,000</td>
<td></td>
</tr>
<tr>
<td>Artificial Appliances and Physical Examinations for Aided Persons</td>
<td>200,000</td>
<td>50,000</td>
<td>250,000</td>
<td></td>
</tr>
<tr>
<td>Hospital and Medical Services</td>
<td>2,100,000</td>
<td>300,000</td>
<td>2,400,000</td>
<td></td>
</tr>
<tr>
<td>Refunds</td>
<td>250,000</td>
<td>75,000</td>
<td>325,000</td>
<td></td>
</tr>
<tr>
<td>Awards and Grants</td>
<td>440,000</td>
<td>210,000</td>
<td>650,000</td>
<td></td>
</tr>
<tr>
<td>Claims under Workmen’s Compensation Act</td>
<td>50,000</td>
<td>15,000</td>
<td>65,000</td>
<td></td>
</tr>
<tr>
<td>Contingencies</td>
<td>5,005,000</td>
<td>1,495,000</td>
<td>6,500,000</td>
<td></td>
</tr>
</tbody>
</table>

Total, General Revenue and Income Fund $104,562,000 $26,948,000 $131,510,000

INSTITUTION FOR TUBERCULOSIS RESEARCH BIENNIAL OPERATING BUDGET FOR 1959-61

(2) The Institution for Tuberculosis Research was created by the General Assembly for the “production, distribution, and application of the bacillus Calmette-Guerin (BCG), and other methods and materials for the prevention of tuberculosis and for conducting research in tuberculosis.” The responsibility for the professional operation and all other management and control of the Institution is vested in the University.

The Director of the Institution and the Vice-President in charge of the Chicago Professional Colleges recommend a budget for 1959-61 amounting to $71,150 for each year, or $142,300 for the biennium. This is an increase of $22,020 from the present appropriation.

The increase is requested for the following purposes:

- Salary adjustments in accordance with the policy adopted by the University............................ $5,020
- Increases in expense and equipment.......................... $4,000
- To improve the educational program (staff for studying method of preserving BCG vaccine at room temperatures).......................... $13,000

Total...........................................................$22,020

I recommend that this budget be approved for filing with the Department of Finance and presentation to the Illinois Budgetary Commission.

On motion of Mr. Herrick, this budget was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

APPOINTMENT OF HEAD OF DEPARTMENT OF PHYSIOLOGY IN THE COLLEGE OF MEDICINE

(3) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Arnold V. Wolf as Professor of Physiology on indefinite tenure and Head of the Department of Physiology in the College of Medicine beginning December 1, 1958, at an annual salary of $16,600 on “Y” basis.

This appointment is to fill the vacancy created by the resignation of Dr. G. E. Wakerlin on April 1, 1958, to become Medical Director of the American Heart Association. In the meantime, Dr. W. V. Whitehorn has been serving as Acting Head. The nomination of Dr. Wolf has been made after careful study by a search committee of the qualifications of candidates for the headship and consultation with members of the department of professorial rank. The Vice-
President and Provost and the Dean of the Graduate College concur in this appointment.
I recommend approval.

On motion of Mr. Nickell, this appointment was approved.

APPOINTMENTS TO THE FACULTY

The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. ALAN J. BARRY, Assistant Professor of Physical Education for Men, beginning September 1, 1958, at an annual salary of $6,500 (B).

2. HAROLD H. BEATY, Professor of Agricultural Engineering, beginning November 1, 1958, at an annual salary of $11,500 (C, E, S—AY).

3. ROBERT E. JONES, Lecturer with rank of Assistant Professor, in the Department of Psychology, beginning September 1, 1958, without salary (DY).

4. ROBERT LANNIGAN, Lecturer with rank of Associate Professor, in the Departments of Medicine and Pathology, for one year from January 1, 1959, at a salary of $8,000 (FY).

5. RICHARD E. MARCUS, Clinical Assistant Professor of Otolaryngology, beginning November 1, 1958, without salary (DY).

6. MARTIN M. ROSNER, Assistant Professor of Pharmacy Administration, beginning September 1, 1958, at an annual salary of $6,500 (D).

7. GENE C. SHOVE, Associate Professor of Agricultural Engineering, beginning November 1, 1958, at an annual salary of $9,000 (C-AY38; S-AY62).

8. EDWARD B. TITCHENER, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning September 1, 1958, at an annual salary of $8,000 (DY).

Nonacademic Appointments

The Director of Nonacademic Personnel reports the following appointments to supervisory positions of upper level responsibility.

1. MARY ALICE JOHNSTON, Dietitian in the Research and Educational Hospitals, at the rate of $5,000 per annum, effective September 8, 1958.

2. ELEANOR W. MCCULLY, Food Service Supervisor in the Research and Educational Hospitals, at the rate of $4,200 per annum, effective September 15, 1958.

3. SANDRA L. NEWLING, Food Service Supervisor in the Student Residence Halls, at the rate of $3,420 per annum, effective September 2, 1958.

On motion of Mr. Bissell, these appointments were confirmed.

ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

The Dean of the College of Veterinary Medicine recommends the reappointment of Mr. Russell V. McKee, Washburn, Illinois, as a member of the College of Veterinary Medicine Advisory Committee for the period of two years beginning September 1, 1958.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

The Director of the Institute for Research on Exceptional Children recommends the following reappointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1958: Professor James E. Hulett, Department of Sociology and Anthropology, representative of the University, and Mr. Harry McClintock, Assistant Director of the Department of Public Welfare, representative of the Department of Public Welfare.

The Board of Trustees on July 16, 1952 (Minutes, page 5) approved the plan for the organization of the Institute which includes an Advisory Committee consisting of three representatives from the University, two from the
The Dean of the College of Education and the Vice-President and Provost endorse these nominations.
I recommend approval.

On motion of Mr. Nickell, these appointments were approved.

**APPROPRIATIONS BY ATHLETIC ASSOCIATION**

(7) The Board of Directors of the Athletic Association has approved the following appropriations: $3,000 for services of the Alumni Association and $4,000 for replacement of two trucks.

Confirmation of these appropriations is requested.

On motion of Mr. Hughes, the action of the Board of Directors was confirmed.

**SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve Fund as follows:

1. Department of Animal Science, purchase of truck ...................................... $ 3,343 00
2. Department of Mining and Metallurgical Engineering, remodeling in the Mining Laboratory ........................................ 10,000 00
3. Department of Physiology, purchase of X-ray machine and auxiliary equipment ........................................ 8,700 00
4. School of Music, purchase of equipment ........................................ 4,000 00
5. Department of Entomology, remodeling and laboratory equipment for Room 311 Harker Hall .......................................... 4,160 00
6. Library of Medical Sciences, Chicago Professional Colleges, for budgetary deficiencies ........................................ 4,000 00
7. Chicago Undergraduate Division Library, acquisition of books and periodicals ........................................ 3,000 00
8. Urbana Library, acquisition of books ........................................ 20,000 00
9. Physical Plant Department, removal of diseased trees ........................................ 15,000 00
10. Physical Plant Department, improvement of Lincoln Avenue and Nevada Street ........................................ 16,790 04
11. College of Physical Education, for construction of the Sports Psychology Laboratory and Health, Safety, and Driver Education Laboratory ........................................ 5,380 00

This is supplementary to a previous assignment of $20,000 made last year of which $7,500 remains unexpended. It is recommended that the unexpended balance be made available for the project.

12. Research and Educational Hospitals, installation of security screens ........................................ 3,700 00

**Total** ........................................................ $98,073 04

I concur.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

**HOUSING CONSTRUCTION PROGRAM**

(9) On November 21, 1957, the Board of Trustees authorized the consolidation of six projects into a program to be covered by a single bond issue. The Housing and Home Finance Agency had given preliminary approval to a loan of $6,828,000 to cover approximately half the cost of the entire program.

After analyzing the enrollment for 1957-58, it was determined that construction of additional units of the Men's Residence Halls, a Graduate Student Residence Hall, and two hundred and fifty apartment units should be deferred, and a revised application was submitted to the Housing and Home Finance Agency for the Central Food Stores Building, the Snack Bar and Service Building in the Men's Residence Halls area, and one hundred and twenty apartment
units. Construction bids for these three projects have been received, and the total project budget is $3,150,000. The Housing and Home Finance Agency has approved a reservation of funds in the amount of $1,350,000 but has indicated that it will now approve $1,525,000 since construction costs are greater than originally estimated. The remainder of the $3,150,000 will be provided from a public offering of bonds.

The Graduate Student Residence Hall has been resubmitted to the Housing and Home Finance Agency as a separate project. Decision on the time schedule for the Men's Residence Halls and two hundred and fifty apartments will be deferred until further studies of enrollment estimates are completed.

The bonds should be sold, if possible, prior to the November meeting of the Board. Accordingly, I recommend: (a) confirmation of the above actions; (b) that the Executive Committee be authorized to sell the bonds to the bidder offering the lowest net interest cost to the University; and (c) that the Executive Committee be authorized to award construction contracts when the bonds have been sold.

On motion of Mr. Bissell, these recommendations were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

FINANCING OF CONSTRUCTION OF PARKING LOTS

(10) It is necessary that the Board of Trustees adopt a formal resolution implementing its action of July 29, 1958, authorizing the construction of parking lots on the campus at Urbana-Champaign. The improvements will be financed through a bank loan secured by the University of Illinois Foundation. The Foundation will acquire title to the lots and will lease them to the University until the loan has been paid, when title will revert to the University.

It was anticipated that interest on this loan would be 3½ per cent, but the Foundation has received a ruling from the Bureau of Internal Revenue that interest in its obligations is exempt from federal income tax and as a result the First National Bank of Chicago has agreed to reduce the interest rate on the loan from 3½ per cent to 2 per cent.

Mr. Williamson offered the following resolution and moved its adoption.

Resolution

WHEREAS, this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, which public corporation is hereinafter referred to as "University," at a regular meeting of this Board of Trustees held on July 29, 1958, approved in principle a parking lot program then outlined to it; and

WHEREAS, pursuant thereto, an agreement was entered into, in the name and on behalf of University under date of October 15, 1958, by the Comptroller and Secretary of University with University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, hereinafter referred to as "Foundation," whereby University agreed to convey the premises therein described to Foundation by good and sufficient Warranty Deed; Foundation agreed to pay to University the sum of $450,000 upon such transfer of title; Foundation agreed to borrow said sum from the First National Bank of Chicago; Foundation agreed to lease back the properties so sold for an original term extending from the date of transfer of title through June 30, 1959, and automatically renewed for subsequent two-year periods thereafter unless written notice to the contrary from University to Foundation is given sixty (60) days prior to June 30, 1959, or prior to the end of any subsequent biennial period; University agreed to pay to Foundation an annual rental of Ninety Thousand Dollars ($90,000) payable Forty-Five Thousand Dollars ($45,000) on April 15, 1959; Forty-Five Thousand Dollars ($45,000) payable on October 15, 1959; and Forty-Five Thousand Dollars ($45,000) on each April 15 and October 15 thereafter until Foundation's indebtedness to the First National Bank of Chicago, including interest, incurred for this purpose, has been liquidated; University agreed to keep the parking lots
in good condition and repair; University agreed that in the event of any default by University in the payment of rental all rights of University in and to the premises should terminate; and Foundation agreed that, upon liquidation of its indebtedness to the First National Bank of Chicago incurred for the purpose of this agreement, it would reconvey said property to University by good and sufficient Warranty Deed; and

WHEREAS, pursuant to said agreement:

A. University of Illinois Foundation entered into a loan agreement with the First National Bank of Chicago, dated October 15, 1958, providing for a loan in the sum of $440,000, secured by serial promissory notes of Foundation bearing maturities and interest at the rates set forth in said loan agreement; a copy of the loan agreement is on file with the Secretary of University;

B. The Comptroller and Secretary of University executed and acknowledged in the name and on behalf of University a Warranty Deed dated October 14, 1958, and delivered it to Foundation on October 15, 1958, conveying to Foundation in consideration of the sum of $440,000, title to the following described property:

Beginning at a point 345.35' East of and 46.63' S o° 02' E of the North 1/4 corner of Section 18, T. 19 N., R. 9 E. of the 3d P. M., thence S o° 02' E 747.50'; thence N 89° 58' E 61.00'; thence N o° 02' W 747.50'; thence S 89° 58' W 61.00' to the place of beginning, said tract containing 1.05 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 170.23' North of and 27.79' S 89° 59' E of the SW corner of the SE 1/4 of Section 7, T. 19 N., R 9 E. of the 3d P. M., thence North 69.07'; thence S 89° 49' E 73.47'; thence N 89° 06' W 78.52'; thence S 89° 45' E 285.08'; thence S 90° 20' W 51.21'; thence S 89° 46' E 80.54'; thence S 0° 01' W 43.18'; thence N 89° 56' W 110.09'; thence S 0° 01' W 38.20'; thence N 89° 50' W 5.72'; thence N 89° 01' E 2.50'; thence N 89° 59' W 30.28'; thence S 0° 01' W 2.50' thence N 89° 59' W 8.50'; thence S 0° 01' W 14.00'; thence N 89° 59' W 49.30'; thence N 0° 01' E 3.00'; thence N 89° 59' W 54.22'; thence S 0° 01' W 2.80'; thence N 89° 59' W 46.63'; thence N 0° 01' E 8.55'; thence N 89° 59' W 53.16'; thence S 0° 01' W 8.48'; thence N 89° 59' W 86.84' to the place of beginning, said tract containing 1.11 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 381.14' North of and 421.33' East of the SW corner of the SE 1/4 of Section 7, T. 19 N., R. 9 E. of the 3d P. M., thence N 0° 11' E 391.56'; thence S 89° 49' W 51.00'; thence S 0° 11' W 105.51'; thence N 89° 49' W 16.00'; thence S 90° 11' W 16.86'; thence S 89° 49' E 16.00'; thence S 0° 11' W 178.79'; thence N 89° 49' W 51.00' to the place of beginning, said tract containing 0.452 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;

Also, beginning at a point 30.24' South of and 51.58' S 89° 37' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence S 0° 03' W 52.74'; thence S 89° 57' E 17.50'; thence N 0° 03' E 7.98'; thence S 89° 37' E 240.58'; thence N 0° 28' E 44.75'; thence N 89° 37' W 258.38' to the place of beginning, said tract containing 0.274 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 30.24' South of and 317.93' S 89° 37' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence S 0° 23' W 67.75'; thence S 89° 37' E 205.51'; thence N 0° 23' W 67.75'; thence N 89° 37' W 205.51' to the place of beginning, said tract containing 0.32 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;

Also, beginning at a point 397.62' South of and 46.03' S 89° 35' E of the intersection of the centerlines of Gregory Drive and South Fourth Street, thence North 51.64'; thence S 89° 33' E 261.81'; thence S 0° 24' W 51.44'; thence N 89° 35' W 261.38' to the place of beginning, said tract containing
0.310 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;
Also, beginning at a point 86.59' South of and 32.46' S 89° 57' W of the intersection of the centerlines of West Oregon Street and South Mathews Avenue, thence S 89° 57' W 97.94'; thence N 0° 50' E 111.00'; thence S 88° 58' E 40.90'; thence N 0° 57' W 118.92'; thence N 89° 20' W 14.51'; thence N 1° 04' E 37.63'; thence N 89° 20' W 23.59'; thence N 0° 59' E 90.38'; thence S 89° 03' E 88.72'; thence S 0° 03' E 355.99' to the place of beginning, said tract containing 0.653 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;
Also, beginning at a point 783.35' South of and 31.83' S 89° 51' E of the intersection of the centerlines of West Oregon Street and South Mathews Avenue, thence N 0° 07' E 152.25'; thence S 89° 51' E 139.00'; thence S 0° 07' W 152.25'; thence N 89° 51' W 139.00' to the place of beginning, said tract containing 0.49 acres more or less, and all situated in the City of Urbana, County of Champaign, State of Illinois;
Also, beginning at a point 256.30' South of and 55.50' N 89° 24' W of the NE corner of Section 24, T. 19 N., R. 8 E. of the 3rd P. M., thence N 89° 23' W, 256.15'; thence South 641.56'; thence S 89° 34' E, 256.39'; thence North 640.86' to the place of beginning, said tract containing 3.27 acres more or less, and all situated in the City of Champaign, County of Champaign, State of Illinois;
Also, beginning at a point S 89° 22' W, 742.19', measured along the centerline of Florida Avenue, and S 0° 34.9' W, 55.00' from the NE corner of Section 19, T. 19 N., R. 9 E. of the 3rd P. M., thence S 89° 22' W, parallel to the centerline of Florida Avenue, 387.50', thence S 0° 34.9' W 499.75', thence N 89° 22' E 387.50', thence N 0° 34.9' E 499.75' to the point of beginning, said tract containing 3.64 acres more or less, and all situated in the County of Champaign, State of Illinois,
Now, Therefore, Be It, and It Hereby Is, Resolved by this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the action taken in the name and behalf of said public corporation by its Comptroller and Secretary in entering into and the execution of said Agreement dated October 15, 1958, with Foundation providing for the parking lot financing program; the execution, acknowledgment and delivery of said Warranty Deed dated October 14, 1958, conveying the hereinafore described premises to Foundation; the acceptance and receipt of said sum of Four Hundred Forty Thousand Dollars ($440,000) in consideration for said Warranty Deed; the entering into and execution of said Lease dated October 15, with Foundation providing for the leasing of the hereinafore described premises, and all other actions taken in the name and on behalf of said public corporation by its Comptroller and Secretary in connection with the parking lot financing program are each and all hereby confirmed and ratified by this Board of Trustees.
This resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

ELECTRICAL SERVICE TO THE MEDICAL RESEARCH LABORATORY

(11) The construction of the Medical Research Laboratory building has progressed to the point where it is now necessary to make arrangements with the Commonwealth Edison Company for the supplying of electrical service to the building.
The University should take advantage of the lower rates available under the "multiple service and combined billing" arrangement previously approved by the Board of Trustees for the Chicago Professional Colleges campus (Minutes, July 25, 1950, page 25). Certain items of underground and vault equipment required to furnish service under this arrangement must be supplied by the Commonwealth Edison Company at a cost to the University of $7,609. This cost will be amortized at the lower rate in approximately three years.
In addition, the University will be obligated for meter and transformer rental for this building at a cost of $710.95 a month. The rental cost is the amount that the University would pay even if it were not taking advantage of the "multiple service and combined billing" arrangement.

Funds are available in the state capital appropriation for the construction of the building for the payment of $7,609, covering the additional facilities, and in the operating budget of the Physical Plant Department for the payment of meter rentals.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that agreements be entered into with the Commonwealth Edison Company to provide for the installation of the underground and vault equipment and cables necessary to furnish service under the proposed arrangement.

Approval is also recommended for the meter and transformer rentals of $710.95 a month.

I concur and recommend that the Comptroller be authorized to execute the necessary agreements after approval by the Legal Counsel.

On motion of Mr. Hughes, this recommendation was approved.

**ADDITION TO CONTRACT FOR MEDICAL RESEARCH LABORATORY**

(12) The Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President in charge of the Chicago Professional Colleges recommend an increase of $5,774 in the contract with the George Sollitt Construction Company, 109 North Dearborn Street, Chicago, Illinois, for the construction of the Medical Research Laboratory on the Chicago Professional Colleges campus.

The work will consist of changes resulting from redesign of the area to house X-ray equipment, mainly increases in the capacity of the electrical feeders and protective and switching equipment. The Laboratory was originally designed to provide service for the present X-ray equipment of 200 milliamperes. It was decided that the old machine would not be satisfactory and that a new 500-milliampere machine should be purchased.

Funds are available in the state and federal appropriations for the construction of the Medical Research Laboratory.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mrs. Watkins, this recommendation was approved.

**ADDITION TO CONTRACT FOR FINE AND APPLIED ARTS BUILDING**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $3,356.28 in the contract with Kuhne-Simmons Company, Inc., Champaign, Illinois, to revise the connection to the sanitary sewer at the Fine and Applied Arts Building site.

The contract drawings showed the gravity flow sanitary sewer running under the steam tunnel. Upon excavation it was discovered that the invert elevation of the steam tunnel is lower than the invert elevation of the sanitary sewer, which runs parallel and south of it. Therefore, it is necessary to construct a siphon system and modify a sewer arrangement.

The cost estimates have been checked by the architects and by the Physical Plant Department and found reasonable. Funds are available in the state appropriation for the construction of the Fine and Applied Arts Building.

I concur.

On motion of Mrs. Holt, this recommendation was approved and the Comptroller was authorized to execute the change in the contract.

**ADDITIONS TO CONTRACT FOR PHYSICS BUILDING**

(14) The Head of the Department of Physics, the Director of the Physical Plant, and the Vice-President and Comptroller recommend additions to the contract with the Mayfair Construction Company, Chicago, for construction of the first unit of the Physics Building, to provide for installation of acoustical ceiling tile and vinyl asbestos floor tile in certain areas at an additional cost of $11,083.85 and $6,313.38 respectively.
No provision for floor and ceiling covering was made in the specifications, since these items could be deferred until it was determined that funds would be available in the state appropriation for the construction of the Physics Building. I concur.

On motion of Mr. Herrick, this recommendation was approved and the Comptroller was authorized to execute the changes in the contract.

**FORD FOUNDATION GRANT FOR GRADUATE TRAINING FOR ENGINEERING TEACHERS**

(15) The Ford Foundation has made a grant of $207,000 to the University of Illinois to be used over a period of approximately four years for an experiment in graduate education for potential engineering teachers. This grant has been made in response to a proposal for a fellowship-intern program transmitted by the College of Engineering with the approval of University officials.

The plan in general provides that in each of three years, five two-year fellowships in mechanical engineering and five in electrical engineering for study in the corresponding departments at the University of Illinois will be given to qualified recent graduates who hold Bachelor of Science degrees in engineering and are interested in teaching careers in engineering colleges. The program of study followed will last two years and will include completion of the regular requirements for the Master of Science degree, with special emphasis on the engineering sciences; seminars in education and technology; and experimental teaching under the guidance of a well-qualified and experienced teacher. Approximately $164,400 of the grant will finance the fellowships and tuition fees; the remaining portion will include funds for two part-time faculty supervisors, stenographic and clerical help, special lecturers, and other expenses incurred in connection with the program.

I have accepted this grant and report it for the record.

This report was received for record.

**PURCHASES**

**Purchase Authorized**

The following purchase was approved by the Vice-President and Provost, acting for the President, pursuant to authorization by the Board of Trustees to act on recommendations for purchases under International Cooperation Administration Contracts. The purchase will be from funds supplied by the International Cooperation Administration under its contract with the University for educational services to institutions of higher education in India.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One centrifuge, high speed (21,000 r.p.m.), 220 volt, 50 cycle; packed for ocean shipment</td>
<td>International Cooperation Administration</td>
<td>New York, N.Y.</td>
<td>New York, N.Y.</td>
</tr>
</tbody>
</table>

On motion of Mr. Williamson, this purchase was approved.

**Purchases Recommended**

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One model 1-330 International tractor including loader and backhoe with 24 in. bucket; less trade-in allowance for one Ford Model 8N tractor with loader</td>
<td>Institute of Aviation</td>
<td>International Harvester Co., Lincoln</td>
<td>$3,540.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One preparative ultracentrifuge and accessories, consisting of three rotors</td>
<td>Biochemistry</td>
<td>Spinco Division, Beckman Instrument Co., Belmont, Calif.</td>
<td>6,653.00</td>
</tr>
<tr>
<td>One Raytheon ultrasonic impact grinder with tool cone kit, and six lbs. of boron carbide</td>
<td>Control Systems Laboratory</td>
<td>Raytheon Manufacturing Co., Waltham, Mass.</td>
<td>3,016.80 f.o.b. Waltham, Mass.</td>
</tr>
</tbody>
</table>
I54  BOARD OF TRUSTEES  [October 23

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Development of a prototype line of two millimeter wave equipment</td>
<td>Electrical Engineering</td>
<td>F-R Machine Works, Inc., Woodside, N.Y.</td>
<td>$60 500 00 (maximum)</td>
</tr>
<tr>
<td>One model V-2100B regulated magnet power supply for use with the V-4012-3B</td>
<td>General Chemical Stores</td>
<td>Schaar &amp; Co., Chicago</td>
<td>14 231 51 f.o.b. Urbana</td>
</tr>
<tr>
<td>One laboratory apparatus and regulator for use with the V-2100B</td>
<td>Medicine/Surgery</td>
<td>American Hospital Supply Corp., Evanston</td>
<td>3 180 00 delivered</td>
</tr>
<tr>
<td>One electrophoretic apparatus and accessories</td>
<td>Physics</td>
<td>Battelle Memorial Institute, Columbus, Ohio</td>
<td>2 700 00 (maximum)</td>
</tr>
<tr>
<td>Preparation of sixteen experimental gold and copper base alloys</td>
<td>Extension Service in Agriculture and Home Economics</td>
<td>Newsography-95, Chicago</td>
<td>6 724 00</td>
</tr>
<tr>
<td>Professional services required for development and production of weekly University of Illinois market buy program conducted in the Chicago area by the Extension Service in Agriculture and Home Economics; services consist of preparation of news copy and mats, mimeographing, clipping service, and mailing material</td>
<td>Housing</td>
<td>Felmley-Dickerson Co., Urbana</td>
<td>4 125 00 f.o.b. delivered</td>
</tr>
<tr>
<td>15 Walnut planters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two rugs, 21 ft. x 27 ft.</td>
<td>Ilini Union</td>
<td>Rochelle’s, Inc., Chicago</td>
<td>9 252 71 delivered and installed</td>
</tr>
<tr>
<td>One rug, 21 ft. x 15 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Three rug runners, 6 ft. x 19 ft. 4 in.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two rug runners, 6 ft. x 27 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One rug runner, 6 ft. x 24 ft. 2 in.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>163 5/8 sq. yds., 40 oz. rug pad</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guided type Venetian blinds to be installed in the Biology Building</td>
<td>Physical Plant</td>
<td>Mackin Venetian Blind Co., Momence</td>
<td>2 948 05 f.o.b. delivered and installed</td>
</tr>
</tbody>
</table>

On motion of Mr. Williamson, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(17) The Comptroller's report of contracts executed during the period September 1 to 30, 1958.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Cyanamid Co.</td>
<td>Systemic insecticides for control of insects on wheat</td>
<td>$ 1 000 00</td>
<td>May 12, 1958</td>
</tr>
<tr>
<td>Bethalto Community Unit, District No. 8</td>
<td>School survey</td>
<td>3 250 00</td>
<td>August 18, 1958</td>
</tr>
<tr>
<td>Illinois Farm Supply Co.</td>
<td>Improvement of farm tractor maintenance</td>
<td>15 000 00</td>
<td>July 2, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-466</td>
<td>Study of metal alloys</td>
<td>24 800 00</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>United States Army DA 19-129-QM-1262</td>
<td>Development of chemical resistant elastomers</td>
<td>25 000 00</td>
<td>August 13, 1958</td>
</tr>
<tr>
<td>United States Navy N600(23)-49219</td>
<td>Educational instruction</td>
<td>62 000 00</td>
<td>September 18, 1958</td>
</tr>
<tr>
<td>United States Navy Non-1834(24)</td>
<td>Action of chemotherapeutic agents</td>
<td>16 493 00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>United States Navy Non-1834(25)</td>
<td>Effect of solute atoms and atmospheres on the susceptibility of subgrain boundaries to corrosion</td>
<td>15 690 00</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>Wisconsin-Minnesota Cooperative Bull Stud Group</td>
<td>Electronic measurement of the mobility of the spermatozoa of the bull</td>
<td>15 000 00</td>
<td>July 1, 1958</td>
</tr>
</tbody>
</table>

Leases

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. 45 combine with 10 ft. platform</td>
<td>$ 503 73 annually</td>
<td>September 3, 1958</td>
</tr>
</tbody>
</table>
**With Whom**

Eversman Manufacturing Co.

**Purpose**

One model No. 32ØD land leveler with spring-tooth attachment; one No. PD6 ditcher and panbreaker

**Amount to be Paid by the University**

$118.10 annually

**Effective Date**

August 22, 1958

## Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Cyanamid Co.</td>
<td>Amino triazole and other compounds as selective weed killers in crops.</td>
<td>$1,000.00</td>
<td>July 28, 1958</td>
</tr>
<tr>
<td>Bendix Products Division, Bendix Aviation Corp.</td>
<td>Thermal diffusivity and elastic moduli of ceramic-metal combinations.</td>
<td>$10,749.12</td>
<td>September 23, 1958</td>
</tr>
<tr>
<td>Merck and Co., Inc.</td>
<td>Growth stimulants for swine.</td>
<td>$3,000.00</td>
<td>September 3, 1958</td>
</tr>
<tr>
<td>Midwest Dried Milk Co., Inc.</td>
<td>Evaluation of whey products in feed formulas for swine and whey protein evaluation studies with rats</td>
<td>$2,600.00</td>
<td>August 25, 1958</td>
</tr>
<tr>
<td>Smith, Kline &amp; French Laboratories</td>
<td>Potential nematocidal compounds.</td>
<td>$6,000.00</td>
<td>September 23, 1958</td>
</tr>
<tr>
<td>State of Illinois, Department of Public Welfare</td>
<td>Child behavior and parent-child interaction patterns.</td>
<td>$1,300.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>Tee-Pak Foundation</td>
<td>Various types of films as retardants to deterioration of meat and meat products</td>
<td>$3,500.00</td>
<td>July 24, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-1980</td>
<td>Tool flank wear.</td>
<td>$15,747.00</td>
<td>September 17, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-1983</td>
<td>Problems relating to the synthesis of one and two terminal-park networks</td>
<td>$15,518.00</td>
<td>September 17, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-177-AV-582</td>
<td>Pilot training.</td>
<td>$7,511.25</td>
<td>July 28, 1958</td>
</tr>
<tr>
<td>United States Army DA-49-007-MD-421</td>
<td>Transmission of the common cold under controlled conditions.</td>
<td>$61,805.00</td>
<td>August 31, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(18)</td>
<td>Variety of topics in number theory.</td>
<td>$12,980.00</td>
<td>August 1, 1958</td>
</tr>
<tr>
<td>VioBin Corp.</td>
<td>Nutritive evaluation of defatted fishmeal for swine.</td>
<td>$1,500.00</td>
<td>September 1, 1958</td>
</tr>
</tbody>
</table>

## Adjustments Made in 1958-59 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. T. Drewitch (Plastering)</td>
<td>Twelve items: $10.00 to $1,083.00</td>
<td>$3,217.00</td>
<td>August and September, 1958</td>
</tr>
</tbody>
</table>

This report was received for record.

**DIRECTOR OF CONTROL SYSTEMS LABORATORY**

(18) The Dean of the College of Engineering recommends the appointment of Dr. Daniel Alpert, Research Professor in Physics and Technical Director of the Control Systems Laboratory, as Research Professor on indefinite tenure and Director of the Control Systems Laboratory beginning July 1, 1959, at an annual salary of $20,000 on "Y" basis. The appointment as Director will be on a year-to-year basis, the initial appointment to be for the two months beginning July 1.

The Vice-President and Provost and the Dean of the Graduate College concur in this appointment which is to replace Professor F. W. Loomis who will retire as Director at the end of the current fiscal year.

I recommend approval.

On motion of Mr. Johnston, this appointment was approved.

Vice-President and Provost Ray presented a statement concerning the services of Professor Loomis.

On motion of Mrs. Watkins, the Secretary was requested to convey to Professor Loomis an expression of the Board's appreciation of his distinguished services.
Mr. Williamson, for the Committee on Buildings and Grounds, presented the following:

The University's building program for 1959-61 was approved by the Board of Trustees on July 29, 1958, for filing of estimates with the State Department of Finance of the appropriations required for the two years beginning July 1, 1959. State law requires the filing of such estimates not later than November 1. The building program includes a provision of $3,500,000 for the acquisition of land for the relocation of the Chicago Undergraduate Division, subject to revision of this estimate after final selection of a site.

The report of the Real Estate Research Corporation reduces to four the number of sites under consideration for the Chicago Undergraduate Division. Consultation as to cost and availability of the land necessary for a final selection can not be completed before January, 1959. Since the site decision can not be made until January, it is recommended that dollar estimates of site acquisition costs be excluded from the estimates to be filed with the State Department of Finance, with the statement that this figure will be submitted after final site selection has been made. It is the intention of the Board of Trustees that an estimate will be submitted in time to be included as a part of the regular budget request for capital expenditures for 1959-61.

On motion of Mr. Williamson, the building program for 1959-61 was amended accordingly.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) degrees conferred; (2) appointments made by the President; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred at Urbana on October 15, 1958, and at the Chicago Professional Colleges on the dates indicated.

Summary

Degrees in the Graduate College, conferred at Urbana:
- Doctor of Philosophy: 131
- Doctor of Education: 10
- Master of Arts: 14
- Master of Science: 43
- Master of Music: 3
- Master of Education: 1
- Master of Laws: 1
- Total, Graduate College: 203

Degree in Veterinary Medicine, conferred at Urbana:
- Bachelor of Science: 1

Baccalaureate Degrees, conferred at Urbana:
- Bachelor of Science, College of Agriculture: 1
- Bachelor of Science, College of Engineering: 6
- Bachelor of Arts, College of Liberal Arts and Sciences: 8
- Bachelor of Science, College of Liberal Arts and Sciences: 6
- Bachelor of Science, College of Education: 2
- Bachelor of Science, College of Commerce and Business Administration: 8
- Bachelor of Science, College of Journalism and Communications: 1
- Bachelor of Architecture, College of Fine and Applied Arts: 3
- Bachelor of Arts, College of Fine and Applied Arts: 2
- Bachelor of Science, College of Fine and Applied Arts: 1
- Bachelor of Science, College of Physical Education: 1
- Bachelor of Science, Division of Special Services for War Veterans: 1
- Total, Baccalaureate Degrees: 40
- Total, Degrees Conferred at Urbana: 244
Degrees in the Graduate College, conferred at Chicago:
  Master of Science .......................................................... 2

Degrees in Dentistry, conferred at Chicago:
  Bachelor of Science ...................................................... 52
  Doctor of Dental Surgery ............................................. 6
  Total, Dentistry ......................................................... (58)

Degrees in Medicine, conferred at Chicago:
  Bachelor of Science ..................................................... 168
  Total, Medicine .......................................................... (168)

Degrees in Nursing, conferred at Chicago:
  Bachelor of Science ..................................................... 17

Degrees in Pharmacy, conferred at Chicago:
  Bachelor of Science ..................................................... 7
  Total, Degrees Conferred at Chicago .................. (252)
  Total, Urbana and Chicago ............................... (496)

Degrees Conferred at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

Billy Lee Barnes, B.S., Austin College, 1947; M.B.A., Texas Christian University, 1949
Werner George Frank, A.B., M.B.A., University of Chicago, 1950, 1952
Robert Gene Stevens, B.S., Southern Illinois University, 1951; M.S., 1954

In Agricultural Economics

Albert Estern Drake, B.S., M.S., University of Kentucky, 1950, 1951
Martin Veikko Waananen, B.S., Michigan State College, 1950; M.S., 1952

In Agronomy

Lindo Joseph Bartelli, B.S., M.S., Michigan State University, 1940, 1952
Joseph Stephan Kahn, B.S., University of California (Berkeley), 1955
Lowell Davis Owens, B.S., University of Nebraska, 1952; M.S., Michigan State University, 1955

In Animal Nutrition

Lonnie Ross Hackler, B.S., Oklahoma Agricultural and Mechanical College, 1955; M.S., 1957

In Animal Science

Neil Wright Bradley, B.S., M.S., University of Kentucky, 1952, 1956

In Bacteriology

Robert Eugene Collier, B.S., M.S., University of Oklahoma, 1949, 1950
Edward Stanley Kos, B.S., Loyola University, 1950; M.S., Marquette University, 1952

In Biophysics

Thomas Turpin Bannister, B.S., Duke University, 1951; M.S., 1953

In Business

Frank Gordon Coolsen, B.S., Northwestern University, 1937; M.S., 1942

In Chemical Engineering

Charles Richard Cupit, B.S., Mississippi State College, 1954; M.S., 1956
Yih Yun Hsu, B.Sc., National Taiwan University, 1954; M.S., 1957
In Chemistry

Jay Donald Albright, B.S., Elizabethtown College, 1955
Robert Lee Albright, B.S., Elizabethtown College, 1954
Kenneth Darrell Berlin, A.B., North Central College, 1955
Harold Francis Crandall, B.S., M.S., University of Maine, 1950, 1952
Edward George Daniels, A.B., DePauw University, 1954
Gynith Colleen Giffin, B.S., M.S., University of Wichita, 1953, 1955
Louis Raymond Haefele, B.S., University of Notre Dame, 1954
William Brian Hill, A.B., DePauw University, 1954
Richard Masayoshi Ikeda, B.S., Juniata College, 1955
Laylin Knox James, Jr., B.S., M.S., University of Michigan, 1950, 1952
Malcolm Lawrence Judi, B.S., Allegheny College, 1954
Ezio Anthony Moscatelli, A.B., Columbia University, 1948; M.S., 1949
Robert Elwood Ober, B.S., M.S., Ohio State University, 1953, 1955
William Alan Remers, B.S., Massachusetts Institute of Technology, 1954
William Harry Richardson, B.S., University of California (Los Angeles), 1955
John Paul Schaefer, B.S., Polytechnic Institute of Brooklyn, 1955
Charles David Schmulbach, B.S., 1951
Robert George Schultz, B.S., Massachusetts Institute of Technology, 1954
James Howard Sloneker, B.S., Illinois State Normal University, 1954
Dorian Senvc Smith, B.S., Illinois State Normal University, 1953; M.S., 1956
Clarence Obadiah Stevens, A.B., Blackburn College, 1954
Rita Marlene Uznanski, A.B., Rosary College, 1954
Phillip Glenn Wahlbeck, B.S., 1954
Peter Wing Kee Woo, B.S., Stanford University, 1955

In Civil Engineering

Robert Alexander Collins, B.A.Sc., University of Toronto, 1954; M.S., 1955
Joshua Levering Merritt, Jr., B.S., Lehigh University, 1952; M.S., 1955
Govindappa Nallakrishnan, Licentiate (Civil Engineering), College of Engineering (Madras), 1950; M.S., 1955
Rodney Howe Smith, B.S., United States Military Academy, 1953; M.S., 1957

In Communications

Eleanor Blum, A.B., Mississippi State College, 1930; B.S., Columbia University, 1936; M.S., 1947
Gordon Merle Keswick, B.S., 1949
Hugh Williams Sargent, A.B., Shurtleff College, 1936; A.M., 1937

In Dairy Science

Micah Isaac Krichevsky, A.B., University of Connecticut, 1952; M.S., 1955
Emmett Ezekiel Ormiston, B.S., M.S., 1935, 1937

In Economics

Robert Lee Randolph, A.B., DePauw University, 1948; M.S., 1954

In Education

Herbert Frederick Boyd, B.S., M.S., 1949, 1950
Robert Harris DeZonia, B.S., A.M., Memphis State College, 1951, 1955
Mitat Ahmet Enc, B.S., A.M., Columbia University, 1938, 1939
Robert Hugh Ennis, A.B., University of Wisconsin, 1950; A.M., New York University, 1951
Lorene Childs Quay, A.B., Southwestern Louisiana Institute, 1951; A.M., Florida State University, 1952
Mohammed Younus Quereshi, A.B., University of Panjab, 1949; A.M. (Education), A.M., (Psychology), 1954, 1957
HELEN IRENE SNYDER, B.S., Kansas State Teachers College, 1947; A.M., Colorado State College, 1950
WILLIAM GEORGE WALKER, A.B., A.M., University of Sydney, 1952, 1955

In Electrical Engineering

EDGAR CLAY HAYDEN, B.E.E., Ohio State University, 1943; M.S., 1952
TUCK HOP LEE, B.S., State University of Iowa, 1949; M.Eng., Yale University, 1950
PLESSA EDWARD MAST, B.S., M.S., Purdue University, 1948, 1950
WALTER LEROY WEEKS, B.S., University of Michigan, 1947; M.S., Michigan State University, 1949
LING YUN WEI, B.S., National Northwestern College of Engineering (China), 1942; M.S., Chiao Tung University, 1946; M.S., 1949

In English

JOHN EDGAR DUSTIN, A.B., A.M., Washington University, 1947, 1948; M.S., 1952
JOHN DENNY FISCHER, A.B., St. Ambrose College, 1953; A.M., 1954
SONIA MILLER, A.B., 1933; A.M., Middlebury College, 1942
AHMAD HASAN QURESHI, A.B., Government College (Ludhiana), 1945; A.M., Government College (Lahore), 1949; A.M., 1955

In Entomology

WILLIAM KERLIN DELAPLANE, Jr., B.S., Purdue University, 1938; A.M., University of Missouri, 1940

In Food Technology

KARAKIAN BEDROSIAN, B.S., University of Massachusetts, 1954; M.S., Cornell University, 1956
HORACE DELBERT GRAHAM, B.S., McGill University, 1950; M.S., Michigan State University, 1952
VENKATACHALAM RAMANATHAN, B.S., University of Travancore, 1951; B.S. (Tech.), University of Bombay, 1953

In French

JAY PAUL MINN, A.B., DePauw University, 1947; A.M., 1948

In Geography

RONALD MURRAY BEVERIDGE, A.B., Harvard University, 1949; A.M., 1951
JAMES EDWARD PATTerson, A.B., Michigan State University, 1942; A.M., 1951

In Geology

JAMES WATSON BAXTER, B.S., M.S., University of Arkansas, 1950, 1952
FREDERICK WILLIAM CROPP III, A.B., College of Wooster, 1954; M.S., 1956
JOHN KERBY ECCLES, B.S., University of Manitoba, 1951; M.S., Washington State College, 1954
FLOYD MICHAEL WAHL, A.B., DePauw University, 1953; M.S., 1957

In German

ERWIN WILLIAM GOESSLING, A.B., 1938; A.M., Tulane University, 1939

In History

JOHN RAATJES, A.B., Roosevelt College, 1952
GUNThER ERIC ROTHENBERG, B.S., 1954; A.M., University of Chicago, 1956
NATHAN SMITH, A.B., Roosevelt University, 1951; A.M., 1952
ALTHEA LUCILLE STOECKEL, A.B., Shurtleff College, 1942; A.M. (Education), A.M. (History), 1948, 1949
DAVID ASHER WAAS, B.S., Manchester College, 1947; A.M., 1949
In Horticulture
Willy Masao Iritani, B.S., University of Minnesota, 1951; M.S., University of Idaho, 1953

In Mathematics
Ralph Newell Townsend, B.S., Illinois Wesleyan University, 1953; M.S., 1955

In Metallurgical Engineering
Joseph Branch Darby, Jr., B.S., College of William and Mary, 1948; B.S., Virginia Polytechnic Institute, 1951; M.S., 1955

In Philosophy
Marvin Leon Easterling, A.B., Greenville College, 1946; A.M., 1947

In Physical Education
Lawrence Arthur Golding, B.S., M.S., 1950, 1953
Harold Park Wells, B.S., Springfield College, 1948; M.S., 1950

In Physics
Theodore Grant Castner, Jr., B.Eng.Phys., Cornell University, 1953; M.S., 1955
Daniel Lorenzo Decker, B.S., M.S., Brigham Young University, 1953, 1955
Daniel Mordecai Greenberger, B.S., Massachusetts Institute of Technology, 1954; M.S., 1956
Harold Ralph Lewis, Jr., A.B., B.S., University of Chicago, 1951; 1953; M.S., 1955
David William Lynch, B.S., Rensselaer Polytechnic Institute, 1954; M.S., 1955
George Edward Modesitt, B.S., M.S., 1951, 1951

In Physiology
Lloyd Miller Barr, B.S., University of Chicago, 1954; M.S., 1956
Norman Meltzer, B.S., Roosevelt College, 1950; M.S., 1953
Corwin Morris Mokler, A.B., Colorado College, 1950; M.S., University of Nevada, 1952

In Plant Pathology
Hugh LeNoir Pote, A.B., University of Denver, 1950; M.S., Colorado State University, 1955

In Political Science
George Figures Brasington, Jr., A.B., A.M., Emory University, 1947, 1948
Frederick Charles Spiegel, B.S., M.S., Illinois State Normal University, 1949, 1950

In Psychology
David Asdourian, A.B., City College of New York, 1954
William Frederick Crowder, A.B., A.M., State University of Iowa, 1949, 1950
David James Fitch, B.S., Iowa State College, 1951
Garlie Albert Forehand, Jr., A.B., University of Richmond, 1954; A.M., 1956
Theodore Robert Husek, A.B., 1953
Edward Robert Ostrander, A.B., Syracuse University, 1950; A.M., 1951
Herbert Martin Rabin, A.B., Los Angeles State College of Applied Arts and Sciences, 1952; A.M., 1950
Edward Ernest Ware, A.B., A.M., University of Richmond, 1952, 1954

In Sociology
Melvin Theodore Bobick, A.B., A.M., 1948, 1952
Hyman Henry Frankel, B.S., M.S., 1947, 1948
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JOHN CAMPBELL OSINACH, B.S., Cornell University, 1949; A.M., 1953
ARNOLD ANTHONY SIO, A.B., Beloit College, 1944; A.M., University of Chicago, 1946; A.M., 1950

In Speech

WILLIAM ROSS CARMACK, Jr., A.B., Abilene Christian College, 1951; A.M., Florida State University, 1953
LUCILLE MARIE MAGNON, A.B., Southwestern Louisiana Institute, 1950; A.M., 1951
DAVID BOYD STROTHER, A.B., Georgetown College, 1950; A.M., Northwestern University, 1951

In Theoretical and Applied Mechanics

ROBERT WESLEY SHREEVES, B.S., Drexel Institute of Technology, 1954; M.S., 1956

In Zoology

WILLIAM ROSS CARMACK, Jr., A.B., Abilene Christian College, 1951; A.M., Florida State University, 1953

In Education

INDIUMIUN DANIEL BAKER, B.S., Greenville College, 1933; M.S., 1940; Ed.M., 1947
FINCH HBAL BAYMUR, A.M., University of Chicago, 1953
JOHN WESLEY BRODELL, B.S., M.S., Indiana State Teachers College, 1950, 1956
FRANCES JACOB EICHEL, B.S., M.S., 1947, 1952
RALPH JOHN ERIKSON, A.B., Concordia College, 1941; A.M., University of Minnesota, 1951
LLOYD HUGO HEIDGERD, A.B., Oberlin College, 1941; A.M., Columbia University, 1948
FRANK CHANNING NOBLE, Jr., B.S., Northern Illinois University, 1951; Ed.M., 1952
ROBERT FRANKLIN SEAMAN, B.S., A.M., 1947, 1949

In Music Education

GLEN WILLIAMS RIGGIN, B.S., Northwestern State College, 1940; A.M., New York University, 1949

Degree of Master of Arts

In Economics

RONALD FRANK KORNELL, A.B., 1957
OSCAR ANTHONY POLI, A.B., St. Peter's College, 1957
FRANK GEORGE STEINDEI, A.B., DePaul University, 1957
DONALD WILLIAM WAND, A.B., Loras College, 1954

In Education

RONALD WILLIAM ADY, A.B., Northwestern University, 1956
MALCOLM SKILBECK, A.B., University of Sydney, 1955

In History

PETER JOHN KING, A.B., University of Cambridge, 1957
KEITH LAVERNE SPRUNGER, A.B., Wheaton College, 1957
JOHN THOMAS TREDWAY, A.B., Augustana College, 1957

In Labor and Industrial Relations

JAMES EDWARD POWERS, B.S., Northern Illinois University, 1957
In Philosophy
KENNETH RONALD PAHEL, A.B., Rollins College, 1957

In Political Science
HENRY JULIUS TEUNE, A.B., Central College (Iowa), 1957

In Sociology
WILLIAM BASIL STROYEN, A.B., Rutgers University, 1953

In the Teaching of English
JOSEPHINE SHELIA KNOLL, A.B., 1956

Degree of Master of Science
In Accountancy
MOHAMED NASK HABIB EL-HAWARY, B.Com., Cairo University, 1949
GARY ROBERT WEST, A.B., Aquinas College, 1957

In Agricultural Economics
GERALD DEAN GLASCO, B.S., Southern Illinois University, 1957
ORVAL GUY KERCHNER, B.S., 1954

In Agricultural Engineering
WARREN SMICK HARRIS, B.S., 1949

In Agronomy
SAMUEL GRANT CARMER, B.S., Cornell University, 1954
PAUL EUGENE RIEKE, B.S., 1956
SCOTT MAXFIELD SAVAGE, B.S., Brigham Young University, 1956

In Bacteriology
LUBELLE BOICE, B.S., Stanford University, 1955
RAMON DON HAMILTON, B.S., University of Detroit, 1954

In Chemical Engineering
ARNOLD HERSHMAN, B.S., Case Institute of Technology, 1956
PERTTI JOHANNES KORPI, M.S., Finland Institute of Technology, 1956

In City Planning
ROBERT CHARLES EINSWEILER, B.S., 1953

In Civil Engineering
JOHAN ANTON FRIEDERICY, B.S., Swarthmore College, 1955
JORGE PRINCE ALFARO, Civil Eng., University of Mexico, 1953

In Dairy Science
ROGER GORWYN KINGWILL, B.S., The University of Reading, 1956
BERT WESTON LARK, B.S., University of Rhode Island, 1953

In Dairy Technology
POUL MARTIN TROST HANSEN, B.S., Royal Veterinary and Agricultural College (Denmark), 1956

In Economics
VIVIAN ALINE LEASURE HOPKINS, B.S., 1926
1958] UNIVERSITY OF ILLINOIS

In Finance
Groves Jerome Byers, A.B., St. Mary's University (San Antonio, Texas), 1955
Charles Anthony D'Ambrosio, B.S., Loyola University, 1955
Glen Ivan Rothbart, B.S., 1957

In Food Technology
Kenneth Edward Schroeder, B.S., 1957

In Geology
John Elmer Stone, A.B., Ohio Wesleyan University, 1953
Frank Bethel Titus, Jr., B.S., University of Redlands, 1952
Valentine Edward Zadnik, A.B., Western Reserve University, 1957

In Horticulture
Judith Ketley Kingwill, B.S., The University of Reading, 1957

In Library Science
Rodney Joe Ferguson, A.B., Wabash College, 1947
Constance Clare Janssen, B.Mus., M.Mus., American Conservatory of Music, 1938, 1941

In Management
Sherwood George Huneryager, B.S., 1956
Robert Wendell Schrader, B.S., 1954

In Marketing
Ward Hubbard Casper, A.B., Elmhurst College, 1954

In Mechanical Engineering
Jasper Richard Wright, B.S., Tennessee Polytechnic Institute, 1955

In Physical Education
Richard Mortimer King, B.S., Springfield College, 1957
Jacob Willem Paselima, Diploma, Academy for Physical Education (Indonesia), 1954
Carl Norman Sexton, B.S., Eastern Illinois University, 1953

In Physiology
Jeanne Nelson Dial, B.S., 1956

In Plant Pathology
Robert Thomas Gudauskas, B.S., Eastern Illinois University, 1956

In Radio and Television
Gerald James Cashman, B.S., 1957

In Theoretical and Applied Mechanics
Frederick Norman Krull, B.S., University of Wisconsin, 1954
Alan Sellar Ross, B.S., 1957

In Veterinary Medical Science
Jesse Ronald Pickard, B.S., 1940; D.V.M., Kansas State College, 1945
Robert Lee Schricker, D.V.M., Iowa State College, 1952

Degree of Master of Music
Patsy Estell Goutor, B.Mus., Baylor University, 1955
Donald Vernon Paschke, B.S., B.Mus., 1957, 1957
Patricia Ann Price, B.Mus., College of Puget Sound, 1956
Degree of Master of Education

Blanche Stoafé, B.S., 1945

Degree of Master of Laws

Frederick Lee Mann, B.S., LL.B., 1955, 1957

College of Agriculture
Degree of Bachelor of Science
In Agriculture

Benjamin Ralph Finney

College of Engineering
Degree of Bachelor of Science
In Aeronautical Engineering

Ross Murray Blumenfeld  Eldon Boyd McKinney
In Civil Engineering

Oscar Gutierrez De Pinéres  Bennett James Vasey
In Mechanical Engineering

Richard Pierre Reysa  Ronald Glenn Westbrook

College of Liberal Arts and Sciences
Degree of Bachelor of Arts
In Liberal Arts and Sciences

Leslie Jack Drossman  Michael Mueller Hughbanks
Richard Warren Erkes  James Patrick Kelly, Jr.
Christa Schneider Haisty  Joan Florence Wetzel
Carol Adeline Hickman, Honors in Liberal Arts and Sciences

In the Teaching of Social Studies

Richard James Maskoff

Degree of Bachelor of Science
In Liberal Arts and Sciences

Jon Lowell Cromley  Irwin Schiller
Charlie Moon Cheong Koo  Alfred Anthony Serritella

In Physics

Lena Chang
In Speech Correction

Joan Makoutz Cornelius

College of Education
Degree of Bachelor of Science
In Elementary Education

Georgia Mae Doak
WAYNE LEE WEBB

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION
Degree of Bachelor of Science
In Accountancy

FELIKS ZAWADZKI

In Commerce and Law

MARVIN DAVID MILLS
RONALD LEE PINSKI

In Management

JOHN THOMAS SULLIVAN

In Marketing

WILLIAM SHEFFEY BAILEY

In Secretarial Training

BETTY JANE JURASITZ

COLLEGE OF JOURNALISM AND COMMUNICATIONS
Degree of Bachelor of Science
In Journalism

BARBARA ANN KEELER

COLLEGE OF FINE AND APPLIED ARTS
Degree of Bachelor of Architecture

SALVATORE JOSEPH BALSAMO
DONALD LEWIS KUHN

Degree of Bachelor of Fine Arts
In Art Education

YETTA SKOLNICK FREEDMAN, High Honors

BERNICE EUGENIA WRIGHT

Degree of Bachelor of Science
In Music Education

MARY BIDDLE DAVIS, Honors

COLLEGE OF PHYSICAL EDUCATION
Degree of Bachelor of Science
In Physical Education

JAMES STANFORD SKINNER

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS
Degree of Bachelor of Science

ALAN BROWNELL JESTER

COLLEGE OF VETERINARY MEDICINE
Degree of Bachelor of Science
In Veterinary Medicine

ROBERT RIX PENSINGER
**Degrees Conferred at Chicago**

**GRADUATE COLLEGE**

**Degree of Master of Science**  
(Conferred September 20, 1958)

**In Biological Chemistry**

**Norman Walter Gabel, B.S., 1955**

**In Physiology**

**Betsy Rasmussen Guyer, B.S., 1948**

**COLLEGE OF DENTISTRY**

**Degree of Bachelor of Science in Dentistry**  
(Conferred June 20, 1958)

<table>
<thead>
<tr>
<th>Name</th>
<th>School/University</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>Edward Erwin Artz</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Richard Runyan Baker</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
</tr>
<tr>
<td>Marvin H. Berman, A.B.</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Leo Francis Bieser</td>
<td>Emmanuel Missionary College, 1955</td>
<td>1955</td>
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<tr>
<td>Victor L. Bigford, B.S.</td>
<td>Emmanuel Missionary College, 1955</td>
<td>1955</td>
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<tr>
<td>Glenn Francis Boas</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Calvin Wayne Borchardt, A.B.</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Hugh Derward Burke</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Christopher Costis</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>John David Coughlin</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Marion Robert Creed</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Rudolph Ermite De Palma, B.S.</td>
<td>Roosevelt University, 1951</td>
<td>1951</td>
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<tr>
<td>Harold Rubin Dreebin</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Allen Irving Drysch</td>
<td>Northwestern University, 1956</td>
<td>1958</td>
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<tr>
<td>Robert Ray Ehrich, A.B.</td>
<td>Wabash College, 1956</td>
<td>1956</td>
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<tr>
<td>Thomas Everett Emmering, A.B.</td>
<td>Wabash College, 1956</td>
<td>1955</td>
</tr>
<tr>
<td>Donald Cameron Findlay, A.B.</td>
<td>DePauw University, 1956</td>
<td>1956</td>
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<tr>
<td>David Leslie Fishel</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Ira Mitchell Fleischman</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Arthur Flicker, B.S.</td>
<td>DePauw University, 1956</td>
<td>1956</td>
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<tr>
<td>Richard Allen Glenner, B.S.</td>
<td>DePauw University, 1955</td>
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<tr>
<td>David Gordy</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Marvin Gorenberg</td>
<td>DePauw University, 1956</td>
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<td>Helmut Gustave Haberstroh</td>
<td>DePauw University, 1956</td>
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<td>Donald Francis Hackman</td>
<td>DePauw University, 1956</td>
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<td>Norton Joel Jacobs</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Marvin Clarence Johnson</td>
<td>DePauw University, 1956</td>
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<td>Don Robert Josephson, B.S.</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Edward Florian Kaminski</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Alan Warren Kaplin</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Michael George Karagianis, B.S.</td>
<td>DePauw University, 1956</td>
<td>1956</td>
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<td>James Cyrus Klein</td>
<td>DePauw University, 1956</td>
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<td>Frederick Rudolph Linzer</td>
<td>DePauw University, 1956</td>
<td>1956</td>
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<td>Richard Grey Lord</td>
<td>DePauw University, 1956</td>
<td>1956</td>
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<tr>
<td>Alvin Medvin, B.S.</td>
<td>DePauw University, 1956</td>
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<tr>
<td>Winfield Curtis Morgan</td>
<td>DePauw University, 1956</td>
<td>1956</td>
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<tr>
<td>James Daniel Morganelli, B.S.</td>
<td>Loyola University, 1951</td>
<td>1951</td>
</tr>
<tr>
<td>Robert Merle Morris</td>
<td>DePauw University, 1956</td>
<td>1956</td>
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<tr>
<td>Ogden Norton Munroe</td>
<td>Western Illinois University, 1956</td>
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<td>John Paul Murray</td>
<td>Western Illinois University, 1956</td>
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<td>David Sidney Paset</td>
<td>Western Illinois University, 1956</td>
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<td>Sidney Peskin</td>
<td>Western Illinois University, 1956</td>
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<td>William Slade Prusin</td>
<td>Western Illinois University, 1956</td>
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<tr>
<td>James Ralph Reader</td>
<td>Western Illinois University, 1956</td>
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<tr>
<td>Anthony Leonard Reinert, B.S.</td>
<td>Loyola University, 1953</td>
<td>1953</td>
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<tr>
<td>Maurice Anthony Shively, A.B.</td>
<td>Southern Illinois University, 1956</td>
<td>1956</td>
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<tr>
<td>Rodney Edward Sippy</td>
<td>Southern Illinois University, 1956</td>
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<tr>
<td>Sherwin Leroy Strauss, B.S.</td>
<td>Western Illinois University, 1955</td>
<td>1955</td>
</tr>
<tr>
<td>Spencer Leroy Toppen, B.S.</td>
<td>University of Wisconsin, 1951</td>
<td>1951</td>
</tr>
<tr>
<td>Gerald Arnold Ullman</td>
<td>Western Illinois University, 1956</td>
<td>1956</td>
</tr>
<tr>
<td>Donald Deane Valentine, B.S.</td>
<td>Western Illinois University, 1956</td>
<td>1956</td>
</tr>
<tr>
<td>Wesley Kunito Watanabe</td>
<td>Western Illinois University, 1956</td>
<td>1956</td>
</tr>
</tbody>
</table>

**Degree of Doctor of Dental Surgery**  
(Conferred July 31, 1958)

<table>
<thead>
<tr>
<th>Name</th>
<th>School/University</th>
<th>Date</th>
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<tbody>
<tr>
<td>Allan Fred Goldberg, B.S.</td>
<td>Roosevelt University, 1954; B.S., 1957</td>
<td>1958</td>
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(Conferred September 20, 1958)

<table>
<thead>
<tr>
<th>Name</th>
<th>School/University</th>
<th>Date</th>
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<tbody>
<tr>
<td>John David Coughlin, B.S.</td>
<td>Loyola University, 1951; B.S., 1958</td>
<td>1958</td>
</tr>
</tbody>
</table>

(To Be Conferred December 20, 1958)

<table>
<thead>
<tr>
<th>Name</th>
<th>School/University</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Daniel Morganelli, B.S.</td>
<td>Loyola University, 1951</td>
<td>1951</td>
</tr>
</tbody>
</table>
COLLEGE OF MEDICINE

Degree of Bachelor of Science in Medicine
(Conferred June 20, 1958)

HOWARD ALLEN
FRANK WHITNEY AMES
EVELYN M. ANDERSON
JOHN ALBERT ANDERSON
JOAN EUNICE ANGERT
VICTOR ALPHONSE AYDT
KARL FREDERICK BADER, Jr., A.B.,
Washington University, 1957
CHARLES SYDNEY BAKER, B.S., 1952
PETER NICHOLAS BAKER, B.S., Purdue
University, 1953
NOEL MYRON BASS
LWELLYN BRINGLE BAYBA
ROBERT FRANKLIN BERGERON
PAUL ALLEN BERNs
BERNARD BLAauw, B.S., 1956
MARTIN BERNARD BLUMBERG
SAUL HERSHEL BORASH, A.B.;
A.M., University of Chicago, 1952
STANLEY DEAN BRANDT
KENNETH DANIEL BRANDT
DAVID MITCHELL BROWN, B.S., 1956
CLAFA BRUCE, B.S., Roosevelt University, 1956
DAVID LIONEL BRUCE
JERRY LEON BUBRICK, B.S., 1956
STANLEY MATTHEW Bugaieski
DONALD LEE BUNNELL
ALLAN BARTLETT CADY
EDWIN JOSEPH CAREY, B.S., Northwestern University, 1949
STANTON MEL CHARNEY
HERBERT HERSH CHUH, B.S., 1956
JAMES GEORGE CLARK
ANN EFNER CLARKE, B.S., 1955
HAROLD LEE CONLEY, B.S., Butler University, 1952
DANIEL EDWARD CONRAD, B.S., 1956
RICHARD DEAN COLEY, D.D.S., 1954
RICHARD DUANE CORLEY
JOHN BROOKS COURTRIGHT, B.S., Bradley University, 1953
JAMES RUSSELL CootHE
JACK HENRY CROSBY, A.B., Washington University, 1956
CHARLES Slaught CRUSINBERY, A.B., Drake University, 1948
GEORGE EARL D'ASARO
WARREN DOANE, B.S., 1956
JOHN ELLISON DYMOND, B.S., 1956
OCAL EASTHAM, Jr., B.S., 1957
BERTWIT ELMER EINFALT, A.B., 1957
LELAND ROBBINS ELLIS, B.S., Purdue University, 1956
EDGAR ALLAN ELDMAN
VICTOR FRED ELDMAN
MYRON ABRAHAM FISHER
STASIA JOANN FRANK
GERALD SAMUEL FRANKLIN
RALPH KENNETH FRAZIER, B.S., 1949
CHARLES ANDREW GILBERT, A.B., DePauw University, 1956
THOMAS ROBERT GLATTER, A.B., 1957
HANNAH GOLDSCHMIDT, B.S., Bradley University, 1952
ARTHUR GOLDSTEIN
EDWARD CHARLES GOLDSTEIN
MELVIN JOEL GOLDSTEIN, A.B., 1957
PAUL HENRY GOLDSTEIN
RAYMOND MERRILL GOMBERG
CARL JEFFREY GORDON
DONALD RAY GORE
ROBERT GOTTLIEB
PAUL GUNThER GOTTSCALK
MELTO GOUtAS, B.S., United States Naval Academy, 1951
LAWRENCE HARVEY GRANT, B.S., Bradley University, 1954
JAMES VAN GRAY
RALPH WEBSTEr HALE
ROBERT JAMES HANSCOM
LARRY KAY HARMAN
WILLIAM MACK HEBBLE
WILLIAM FREDERICK HENEbry, B.S., Millikin University, 1954
JOHN WILLIAM HENGES
MELVIN ALLEN HOCII
ROBERT PEARSON HODAM, A.B., 1955
GENE OTTO HOErr, B.S., Bradley University, 1956
ROGER WALTER HOFMEISTER
ALAN WILLIAM HOLDENbESS, A.B., University of Michigan, 1956
JEANETTE JOANNE HOOVER
SHELTON EUGENE HUFFMAN, A.B., A.M., University of Chicago, 1950, 1953
CARL HARRY JOHNER, A.B., Millikin University, 1955
EDMUND FRANCIS KAL
ARNOLD AARON KAPLAN, B.S., 1955
ARNOLD MELVIN KAPLAN, B.S., Illinois Institute of Technology, 1952
ROBERT MITCHELL KARNS
ARWALT PAUL KEBLE, B.S., 1955
VERNON STUART KENT, A.B., Ohio State University, 1956
RALPH ALBERT KETTEKamp, A.B., Illinois College, 1956
HARVEY EDMUND KNACK, A.B., Augustana College, 1956
DON EDWARD KNAP
JAMES JOSEPH KREJCIH
LEON STUART KUHS
SOLOMAN KOvPERMAN, A.B., 1956
HAROLD CARL LABINSKY
MARK ALLAN LAKIN
THOMAS ELLSWORTH LAYMAN
Peter Yule Leonardson, A.B., Augustana College, 1956
Stuart Lerman
Stuart Levin
John William Lockwood, Jr.
Carroll Oliver Loomis, B.S., 1951
George Baker Lott
Janice Mae Mary McGowan, B.S., College of St. Teresa, 1950
Larry Oren McKnelly
Sanford Bruce Mer, A.B., 1957
Donald Alan Miller
Edward Irwin Miller, A.B., 1956
Richard Roberts Miller
Lawrence Farrell Mock, A.B., Augustana College, 1954
Shelley Henry Nasatir
Wilmore Neiditch, B.S., D.D.S., 1951, 1953
Allan David Nelson
Jack David Nestor
Robert Ellis Nopar
Florian Richard Nykier, B.S., Illinois Institute of Technology, 1950; M.S., 1956
James Conrad Olson
Asta Vitalia Palshis
John Albin Peters
Richard Allan Peterson, A.B., Grinnell College, 1956
Richard Lee Phillips
George Sherman Porter
Richard Joseph Powers, B.S., 1956
Thomas Robert Prusinski
Billy Dean Reeves, A.B., Elmhurst College, 1953
Myriam Yvonne Richardson
Frederick Allen Richburg
Robert Lawrence Rockey, B.S., 1958
Seymour Rosen
Ethan Baruch Ruben
Earl Albert Sabin
David Lawrence Sackett, A.B., Lawrence College, 1956
Charles Nicholas Salesman
Florian Francis Sanders
Roy Milton Schayes
Robert Dale Schneider
Sheldon Dewey Schwartz, B.S., 1955
Therron Robert Scobie
Bruce Ivan Shackter, A.B., Johns Hopkins University, 1956
Ronald Shlensky, B.S., Purdue University, 1956
Edward Grant Shore
Michael Harris Sigband, B.S., 1956
Richard Daniel Spellberg, A.B., 1957
Lloyd Layton Spencer
Ronald Barry Spinka
Grant Ezra Steffen, B.S., 1954
Fred W. Storner, Jr.
Charley Warrner Stovall
James Thomas Striepe, A.B., Monmouth College, 1955
Myron Susin, A.B., Augustana College, 1956
Herbert Joseph Svar
Kenneth Francis Swanson
Mitchell Paul Tarkoff
Phillip Taxman
David Marvin Taylor
Edward Howard Theis, A.B., Washington University, 1956
Glen Edward Tomlinson
Marilyn Ruth Treacy, B.S., Purdue University, 1954
Marvin Otto Trepton, A.B., Knox College, 1956
Edward Alexander Ulrich
Robert Frank Underwood, A.B., Southern Illinois University, 1953
Arthur Bernard Wagman
Harold Norman Walgren
Manuel Warsaski
Jordan Dale Waxman, B.S., 1956
Isaac Weisszer, B.S., 1956
Stuart Dickinson Wilson
Robert McCulloch Wright, A.B., Kenyon College, 1956
Warren Arthur Wunderlich
David Yashon

SCHOOL OF NURSING

Degree of Bachelor of Science in Nursing
(Conferred September 20, 1958)

Patricia Kathryn Cooney
Jeanette Carol Engelbrecht
Judith May Fleer
Ann Eleanor Hudak
Joan Phyllis Jursinic
Frances Lorraine Less
Sandra Wyss Mathis

Janet Matheny McLaughlin
Dolores Carol Paulsen
Valerie Anne Plutz
Irene Emma Priest
Marion Eudell Smith
Margaret Elizabeth Walsh
UNIVERSITY OF ILLINOIS

(To Be Conferred December 20, 1958)

BEVERLY JUNE DAMLER ELIZABETH HURLEY STARZYK
FLORENCE MUZZARELLI FIESINGER JUANITA JEAN STEINMAN

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy
(Conferred September 20, 1958)

MARVIN HAROLD GOEKE WILBUR ANTHONY SCHENK, JR.
DONALD FRANK IGELNSKI JERROLD JOSEPH SCHWARTZ
DONN SPENCER NELSON LINSKI
STANLEY N. ROSEN RUSSELL JOHN VANN

APPOINTMENTS MADE BY THE PRESIDENT
(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ACKERT, HELEN O., Instructor in the School of Nursing, one year from September 1, 1958, $5370 (9-16-58).

ADAMS, MARY J. N., Research Assistant in Bacteriology, four months from October 1, 1958, $420 a month (10-3-58).

AGUILAR, VIRGINIA, Research Assistant in Psychiatry (Medicine), one year from September 1, 1958, $4400 (10-2-58).

AHABONI, AMIKAM, Research Associate in Electrical Engineering (C), one year from September 1, 1958, $6000 (10-2-58).

AINTWORTH, STANLEY, Research Associate in Botany, one year from September 1, 1958, $6000, supersedes (9-24-58).


ARCHER, JANE B., Assistant in Speech, nine months from September 16, 1958, $4100, supersedes (10-2-58).

ARGO, ARELLA M., Instructor in Pharmacognosy (Pharmacy), academic year beginning September 1, 1958, $4800 (9-25-58).


BATEMAN, FELICE, Assistant Professor of Mathematics, one year from September 16, 1958-August 31, 1959, $5850 a year, supersedes (9-25-58).

BERGAN, DAVID, Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1958, without salary (10-2-58).

BETSWORTH, BRIAN C., Assistant in the Institute of Aviation, nine months from September 16, 1958, $4275 (10-2-58).

BUENO, JOSE G., Research Assistant in Oral Pathology (Dentistry), one year from September 16, 1958, $4400, supersedes (9-24-58).

CEDERSTRAND, CARL, Research Assistant in Chemistry, four months from September 1, 1958, $447.50 a month (10-7-58).


BERMAN, DAVID, Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1958, without salary (10-2-58).

BRODY, SEYMOUR S., Research Associate in Botany, one year from September 1, 1958, $6600, supersedes (9-24-58).

BUENO, JOSE G., Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1958, $4800 (9-17-58).

BUDNIAUSKAS, PETER, Assistant in Surgery (Medicine), nine months from October 1, 1958, without salary, supersedes (10-2-58).

CARSTENS, H. PAUL, Research Associate in Anatomy (Medicine), one year from September 1, 1958, without salary (9-17-58).

CEDERSTRAND, CARL, Research Assistant in Botany, one year from September 1, 1958, $5000, supersedes (9-24-58).
CHANDrasekharappa, Gowdba, Research Assistant in Physical Medicine and Rehabilitation (Medicine), eight months from January 1, 1959, $4400 a year (10-2-58).

Chen, Han-lin, Assistant in Home Economics (S), one year from September 1, 1958, $4400 (10-2-58).

Conrad, H. Edward, Research Associate in Chemistry, one year from July 1, 1958, $6500, supersedes (9-26-58).

Cottrell, Frances B., Assistant in Education (University High School), nine months from September 16, 1958, $4500 (10-2-58).

Culbertson, Townley P., Research Associate in Chemistry, eleven months from October 1, 1958, $5370 a year (9-20-58).

Curtin, Theodore W., Assistant Extension Forester, with rank of Instructor (E), one year from September 1, 1958, $5800, supersedes (9-25-58).

Cottrell, Frances B., Assistant in Education (University High School), nine months from September 16, 1958, $4500 (10-2-58).

Culbertson, Townley P., Research Associate in Chemistry, eleven months from October 1, 1958, $5370 a year (9-20-58).

Curtin, Theodore W., Assistant Extension Forester, with rank of Instructor (E), one year from September 1, 1958, $5800, supersedes (9-25-58).

Dasgupta, S., Instructor in Electrical Engineering (C), nine months from September 16, 1958, $4800 (10-3-58).

Dial, Mrs. Jeanne, Research Assistant in Bacteriology, nine months from October 1, 1958, $3600 (9-24-58).

Doebel, Paul J., Associate Director of Housing, eleven months from October 1, 1958, $9000 a year; for the convenience of the University, he will also be furnished one meal a day while on duty, supersedes (7-28-58).

Eakin, Franzy L., Lecturer in Management, 1/2 time, nine months from September 16, 1958, $3500 (9-25-58).

Elmer, Charles D., Instructor in Physical Education for Men (Student Rehabilitation Center), one year from September 1, 1958, $6200, supersedes (9-29-58).

Fang, Fu, Research Assistant in Electrical Engineering (C), one year from September 1, 1958, $5000, supersedes (10-2-58).

Ferrera, Salvatore V., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1958, $4000 (10-2-58).

Finney, Joseph C. J., Lecturer in Psychology, with rank of Assistant Professor, one year from September 1, 1958, without salary (9-29-58).

Fiorica, Vincent, Research Associate in Physiology, one year from September 1, 1958, $6000, supersedes (10-2-58).

French, Margaret, Assistant Professor of English, 1/2 time, to render service during the first semester of the academic year 1958-59, six months from September 1, 1958, $984 (10-6-58).


Feinberg, Richard J., Research Associate in Medicine (Medicine), ten months from September 1, 1958, $500 a month (10-2-58).

Ferrer, Salvatore V., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1958, $4000 (10-2-58).

Gutowsky, Herbert S., Professor of Physical Chemistry, indefinite tenure beginning September 1, 1958, to render service during each academic year, $16,000 a year, supersedes (10-2-58).

Hargrele, Fred L., Instructor in Agricultural 4-H Club Work (E), one year from September 1, 1958, $5370 (9-17-58).

Halstead, Betty J., Serials Cataloger in the Library, with rank of Instructor, eleven months from October 1, 1958, $5370 a year, supersedes (9-25-58).

Hart, Emily S., Research Assistant in Chemistry, one year from September 1, 1958, $4200 (10-3-58).

Herbing, Charles F., Instructor in Operative Dentistry (Dentistry), 1/2 time, one year from September 1, 1958, $2600 (10-2-58).

Herim, Floyd L., Assistant Professor of Agricultural Engineering, in the Extension Service in Agriculture and Home Economics, 1/2 time, $4150, and
in the Agricultural Experiment Station, ½ time, $2850, total salary of $7000, superseded (9-20-58).

**Hess, Hans-Jürgen**, Research Assistant in Chemistry, one year from September 1, 1958, $5000 (9-26-58).

**Holinger, Paul H.**, Professor of Bronchoesophagology, Department of Otolaryngology (Medicine), 48/100 time, indefinite tenure beginning September 1, 1958, $5160 a year, superseded (10-2-58).

**Issar, Sohan Lal**, Assistant in Veterinary Research (Agricultural Experiment Station, assigned to Pathology and Hygiene in the College of Veterinary Medicine), ½ time, September 8, 1958-May 31, 1959, $183.33 a month, and full time for three months from June 1, 1959, $366.66 a month (9-17-58).

**Jansen, Mathilda J.**, Research Associate in the Institute for Research on Exceptional Children, eleven months from October 1, 1958, $7500 a year (10-6-58).

**Johnson, Margaret L.**, Instructor in Medical Social Work (Medicine), October 13, 1958-August 31, 1959, $5400 a year (10-4-58).

**Kahn, Joseph S.**, Research Associate in Physiology, one year from September 1, 1958, $5370 (9-24-58).


**Keeling, Herschel L.**, Clinical Assistant in Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).

**Kenyon, Richard J.**, Research Assistant in Electrical Engineering (S), one year from September 1, 1958, $4800 (9-25-58).

**Klein, Kurt**, Instructor in French, full time during the first semester, $450 a month, and ½ time during the second semester, $300 a month, for the academic year beginning September 1, 1958, superseded (10-2-58).

**Koch, Harriett B.**, Instructor in the School of Nursing, ½ time, academic year beginning September 1, 1958, $3000 (9-17-58).

**Koskolekas, Costas**, Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois State Natural History Survey), ½ time, September 15, 1958-May 31, 1959, $185 a month, and full time for three months from June 1, 1959, $370 a month (10-1-58).

**Koval, Edward J.**, Instructor in Chemical Engineering, ½ time, academic year beginning September 1, 1958, $2700 (10-6-58).

**Krimmer, Burton M.**, Clinical Instructor in Ophthalmology (Medicine), one year from September 1, 1958, without salary (10-4-58).

**Kundrat, Theodore V.**, Instructor in Speech (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1958, $2400 (9-24-58).

**La Lonie, Robert T.**, Research Associate in Chemistry, one year from September 1, 1958, $5370 (10-2-58).

**Larsen, Robert P.**, Associate Professor of Psychology, indefinite tenure, and Clinical Counselor in the Student Counseling Service, one year, ¾ time, $6425, from September 1, 1958, superseded (9-20-58).

**Lefort, Henry G., Jr.**, Research Associate in Ceramic Engineering (S), full time from September 1-15, 1958, $7000 a year, and ¾ time from September 16, 1958-August 31, 1959, $5250 a year, superseded (9-25-58).

**Levy, Mrs. Lucretia**, Instructor in Mathematics, ½ time for the first semester of the academic year beginning September 1, 1958, $233.33 a month (10-2-58).

**Litherland, Dorothy**, Associate Dean of the College of Commerce and Business Administration, ¾ time, one year, and Professor of Accountancy, ¼ time, indefinite tenure, September 1, 1958, $11,500 a year, superseded (9-25-58).


**Mackay, Roland P.**, Professor of Neurology (Medicine), ½ time, indefinite tenure beginning September 1, 1958, $2700 a year, superseded (10-2-58).

**McAleese, Desmond M.**, Research Assistant in Animal Science (S), eleven months from October 1, 1958, $4583.37, superseded (10-7-58).

MELVIN, MRS. GEORGIA-LEE V., Research Associate in Psychology, ½ time, academic year beginning September 1, 1958, $2250 (9-20-58).

MERTES, ROBERT A., Assistant in Mathematics (Chicago Undergraduate Division), nine months from September 16, 1958, $4000 (10-4-58).

MEYERHOLEN, MRS. THEODOSIA P., Assistant in Medical Social Work (Medicine), one year from September 1, 1958, $5000; for her convenience, she will also be furnished one meal a day while on duty (9-19-58).

MILLER, ELMO E., Research Associate in Psychology, eleven months from October 1, 1958, $7500 a year (10-2-58).

MILLER, MRS. MARY A. D., Research Assistant in Chemistry, September 16, 1958-August 31, 1959, $4400 a year (10-3-58).

MOELLER, THERALD, Professor of Inorganic Chemistry, indefinite tenure beginning September 1, 1958, to render service during each academic year, $11,000 a year, supersedes (10-2-58).

MORONES, BEATRIZ, Research Assistant in Manufacturing Pharmacy (Pharmacy), one year from September 1, 1958, $5000 (10-2-58).

MYERS, BASIL R., Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1958, $3533, supersedes (9-25-58).

NEWELL, JOHN T., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1958, $4800 (10-2-58).

NOBLE, FRANK C., JR., Assistant Professor of Education and Assistant to the Dean of the College of Education, academic year beginning September 1, 1958, $6150 (10-2-58).

NONA, DANIEL A., Assistant in Pharmacy (Pharmacy), nine months from September 16, 1958, $3000, supersedes (9-25-58).

NOSKER, HERBERT D., Assistant Extension Editor in Agricultural Economics, with rank of Assistant (E), one year from September 1, 1958, $4800 (10-3-58).

NOTANI, G. W., Research Assistant in Chemistry, four months from September 1, 1958, $375 a month (10-7-58).

NYI, STEVEN H., Clinical Assistant in Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).

OBERFELD, BEVERLY, Assistant in English (Chicago Undergraduate Division), September 16, 1958-January 31, 1959, $444.44 a month (10-7-58).

ONODA, BRIGHT Y., Assistant Clinical in Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1958, without salary (9-17-58).

OPPERMANN, MRS. LOIS F., Research Assistant in Chemistry, one year from September 1, 1958, $4400 (10-3-58).

PARKS, THOMAS E., Acquisition Assistant in the Library, with rank of Instructor, October 13, 1958-August 31, 1959, $5370 (9-16-58).

PAULSON, EARL D., Research Associate on the University Council on Teacher Education, ½ time, one year from September 1, 1958, without salary (10-2-58).

PERKINS, FRANCES, George A. Miller Visiting Lecturer in the Institute of Labor and Industrial Relations and in the Institute of Government and Public Affairs, October 16, 1958-November 20, 1958, $1700 for the period (10-1-58).

PETERS, DOYLE B., Assistant Professor of Soils (Agronomy) (S), 3/10 time, September 21, 1958-August 31, 1959, $3000 a year, supersedes (10-2-58).

PETERSEN, ARTHUR S. J., Clinical Associate Professor of Radiology (Medicine), ½ time, indefinite tenure beginning October 1, 1958, $4160 a year, supersedes (10-2-58).

PROTEAU, ARTHUR J., Extension Specialist in the Division of University Extension, eleven months from October 1, 1958, $8000 a year (9-25-58).


RANSFORD, RALPH E., Instructor in Anatomy (Medicine), ½ time, nine months from October 1, 1958, $3000 (9-25-58).

REID, ERNEST A., Professor of Electrical Engineering (C), ½ time, academic year beginning September 1, 1958, $3000 (9-16-58).

REINER, MRS. IRMA M., Assistant Professor of Mathematics, ½ time, September 1, 1958-February 28, 1959, $241.67 a month (10-2-58).


Rodda, Earol D., Instructor in Agricultural Engineering (C), 65/100 time, one year from September 1, 1958, $4300 (10-2-58).

Rudnick, Roland, Instructor in Crowns and Fixed Partial Dentures (Dentistry), 1/2 time, eleven months from October 1, 1958, $3000 a year, supersedes (10-2-58).

Rust, Velma I., Assistant in Education (College of Education and Graduate College), nine months from September 16, 1958, $4950 (10-2-58).

Saporta, Jack, Research Assistant in Medicine (Medicine), one year from September 1, 1958, $4400 (10-2-58).

Scheiber, Ivan H., Research Associate in Psychology, three months from September 1, 1958, $1650 (9-20-58).

Schmalz, Gretchen M., Assistant in Occupational Therapy (Medicine), September 15, 1958-August 31, 1959, $4700 a year (9-17-58).

Schuster, Paul W., Lecturer in Public Health, in the Health Services, 1/4 time, nine months from September 16, 1958, $2320 (10-2-58).

Souffas, Roberta, Assistant in English, September 16, 1958-January 31, 1959, $422.22 a month (10-7-58).

Semba, Takehiko, Research Assistant in Physiology, nine months from September 1, 1958, $4700 a year (9-17-58).

Sen, Arun Kumar, Clinical Assistant Professor of Anesthesiology, Department of Surgery (Medicine), 1/2 time, one year from September 1, 1958, $3000 (9-17-58).

Seymour, Robert G., Associate Professor of Business Management on indefinite tenure, and Director of the Executive Development Center (Commerce and Business Administration) for one year, from September 1, 1958, $12,000 a year, supersedes (9-25-58).

Sherman, Carl W., Lecturer in Mining and Metallurgical Engineering (C), 1/10 time, nine months from September 16, 1958, $1000 (10-2-58).

Smolenksi, Stanislaus J., Instructor in Pharmacognosy (Pharmacy), one year from September 1, 1958, $5370, supersedes (9-25-58).


Stueflner, Elaine A., Instructor in Oral and Maxillofacial Surgery (Dentistry), $5200, and Clinical Instructor in Surgery (Medicine), without salary, 1/4 time, one year from September 1, 1958 (9-20-58).

Tudman, John, Research Assistant in Chemistry, one year from September 1, 1958, $5000 (10-3-58).


Tyler, W. Scott, Editor of the Illinois Alumni News (Office of Public Information), eleven months from October 1, 1958, $8500 a year (10-7-58).

Verdeyen, Joseph T., Instructor in Electrical Engineering (C), one year from September 1, 1958, $7100, supersedes (9-25-58).

Videka, Michael A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), 1/2 time, one year from September 1, 1958, $3250 (9-20-58).

Wang, Lily, Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1958, $5000 (10-2-58).

Ware, Edward E., Research Assistant in the Institute of Communications Research, one year from September 1, 1958, $4400 (9-20-58).

Weinberg, Grace, Research Assistant in Dairy Science (S), one year from September 1, 1958, $4400, supersedes (9-20-58).

Weinstein, Manfred, Clinical Instructor in Medicine (Medicine), one year from July 1, 1958, without salary (9-17-58).

Wiesinger, F. P., Assistant Professor of Civil Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1958, $7600, supersedes (10-4-58).

Wilk, Kenneth E., Research Assistant in the Illinois State Water Survey, nine months from October 1, 1958, $6000 a year (9-20-58).

Winfordner, James D., Research Associate in Chemistry, nine months from September 16, 1958, $5000 (10-6-58).
WOLIN, EILEEN, Research Assistant in Bacteriology, one year from September 1, 1958, $4650 (9-20-58).
YUFIT, ROBERT I., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1958, without salary (9-17-58).
ZARATZIAN, VIRGINIA L., Research Associate in Pharmacology (Medicine), four months from September 1, 1958, $6300 a year, superseded (9-17-58).

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)
ACOSTA, WILLIAM C., Postdoctoral Fellow in Chemistry, one year from October 1, 1958, $5000, supersedes (9-26-58).
BLATT, SIDNEY J., United States Public Health Service Postdoctoral Fellow in Clinical Psychology (Trainee), one year from September 1, 1958, $4000 (9-17-58).
BLUMER, ELAINE, Fellow in the Chicago Professional Colleges, one year from September 1, 1958, $1500 (10-3-58).
BOND, H. W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, $1000 (9-18-58).
BRINDING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, $1800 (9-18-58).
Bunce, D. F. M., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1958, $3200 (9-18-58).
BURSTEIN, STUART, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, $60 a month, supersedes (10-7-58).
BUTTERWORTH, CLARA B., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, $2800 (9-18-58).
CRISS, DARRELL E., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1958, $2100 (9-18-58).
EIG, ANDREW, United States Public Health Service Research Fellow in the Chicago Professional Colleges, one year from September 1, 1958, $4150, supersedes (9-18-58).
EPLEY, DONALD L., Collins Radio Company Fellow in Electrical Engineering, September 16, 1958-January 31, 1959, $750; this is in addition to his present appointment as Instructor on ½ time (9-18-58).
FRANKENFELD, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1958, $1600 (10-7-58).
PREE, HARVEY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, $60 a month, supersedes (10-7-58).
Garron, David C., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, $2800 (9-18-58).

Georges, Louis G., Fellow in the Chicago Professional Colleges, nine months from September 1, 1958, $2000 (10-7-58).

Gramer, Dorothy, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, $3000, supersedes (9-17-58).


Gratch, Gerald, United States Public Health Service Postdoctoral Fellow in Clinical Psychology (Trainee) (Medicine), one year from September 1, 1958, $3400 (9-17-58).

Hoffman, Gerald K., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1958, $60 a month (10-7-58).

Kal, Edmund, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, $60 a month, supersedes (10-7-58).

Kissil, Donald, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, $1800 (9-18-58).


May, Percy C., Jr., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1958, $60 a month, supersedes (10-7-58).

Mittelman, Henry R., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), nine months from October 1, 1958, $187.50 a month (10-7-58).

Mordle, Dale L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1958, $3050, supersedes (9-17-58).

Orlinsky, David E., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges), one year from September 1, 1958, $2400 (9-18-58).

Oughtred, O. W., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1958, $5500 (9-18-58).

Pierce, Camden E., Convair Fellow in Physics, nine months from September 16, 1958, $2000 (9-29-58).

Reddy, Vasundar, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, $1600 (9-18-58).

Starbuck, Wesley C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, $2500 (9-18-58).


Trager, Eugene, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1958, $60 a month (10-7-58).


RESIGNATIONS AND DECLINATIONS

Babb, Stanley E., Jr., Research Associate in Chemical Engineering—declination effective September 1, 1958.


Chattoraj, Mrs. Rajendra, Assistant in Veterinary Pathology and Hygiene and in Veterinary Research—resignation effective October 7, 1958.
COPELAND, ALFRED, Assistant Professor of General Engineering — declination effective September 1, 1958.
DAVID, DANYA, Parke Davis and Company Fellow in Chemistry — resignation effective September 16, 1958.
DEMPSEY, ELLEN, Research Associate in Botany — declination effective September 1, 1958.
DUETTI, MARGARET, Assistant Serials and Acquisitions Librarian, and Instructor in Library Science (Chicago Undergraduate Division) — declination effective September 1, 1958.
FANG, FU, Research Assistant in Electrical Engineering — declination effective September 1, 1958.
GALLILY, ISAIAH, Research Associate in Chemical Engineering — resignation effective November 1, 1958.
GINGERICH, KARL, Research Associate in Chemical Engineering — declination effective September 1, 1958.
GOLDSBOROUGH, JOHN B., Medical Adviser and Assistant Professor of Hygiene — declination effective September 1, 1958.
HAMMER, DONALD P., Bookstacks Librarian, with rank of Instructor — resignation effective January 1, 1959.
JAIN, HANWANT R., Fellow in Civil Engineering — resignation effective September 16, 1958.
JOSEY, ALDEN D., Research Associate in Chemistry — resignation effective September 1, 1958.
ORLINSKY, DAVID E., United States Public Health Service Fellow (Trainee) in Clinical Psychology (Chicago Professional Colleges) — declination effective September 1, 1958.
PARSONS, MELVIN G., JR., Assistant Professor of Business Management — resignation effective October 1, 1958.
PATRICELLI, ALFONZO, Assistant in Mathematics (Chicago Undergraduate Division) — resignation effective September 16, 1958.
SAVORY, PAUL B., Instructor in Radiology (Medicine) — resignation effective August 27, 1958.
STRÖHL, GERHARD W., Research Associate in Chemistry — declination effective August 16, 1958.
SUDIDOMARO, MUDOLO, Fellow in Mathematics — resignation effective February 1, 1959.
TURNER, PETER L., Fellow in Geography — declination effective September 16, 1958.
WEN, ROBERT K. L., Assistant Professor of Civil Engineering — resignation effective March 1, 1959.
WEST, IAN M., Instructor in Applied Materia Medica and Therapeutics (Dentistry) — declination effective September 1, 1958.
YOKAN, MELVYN, Research Associate in Neurology-Neurological Surgery-Epilepsy (Medicine) — resignation effective October 1, 1958.

LEAVES OF ABSENCE
CHANDLER, MARGARET K., Associate Professor of Sociology, in the Institute of Labor and Industrial Relations and in the College of Liberal Arts and Sciences — disability leave with full pay from April 15 through December 10, 1958, and leave without pay from December 11, 1958, and continuing until such time as she is able to return to her duties.
PEARL, ALLEN S., Clinical Instructor in Dermatology (Medicine) — leave of absence, without salary, for one year from September 1, 1958, on account of ill health.
TYNER, EDWARD H., Professor of Soil Fertility (Agronomy) — six months extension of his leave of absence, without pay, from February 15, 1959, and continuing to August 15, 1959, in order that he may continue his work as a
member of the Cornell University staff, on their cooperative project with the University of the Philippines College of Agriculture at Los Baños.

Wood, John W., Associate Professor of Architecture—leave of absence on account of disability, with full pay, for six months beginning September 1, 1958.

NOVEMBER AND DECEMBER MEETINGS

President Livingston reminded the Board that it had previously voted to hold its next two meetings in Chicago on November 19 and December 17.

Mr. C. W. Weldon, Treasurer of the University, has extended an invitation on behalf of the officers of the First National Bank of Chicago to the Board of Trustees to hold its December meeting at the Bank. This invitation has been accepted.

On motion of Mrs. Holt, the Board adjourned.

A. J. Janata
Secretary

Park Livingston
President
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The November meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, November 19, 1958, beginning at 11:30 a.m.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson, Mr. Vernon L. Nickell and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Professor Norman A. Parker, Chairman of the Building Program Committee, Director C. S. Havens of the Physical Plant Department, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Vernon L. Kretschmer, Director of Housing, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
The Board took up consideration of the following reports and recommendations from the President of the University.

**AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES**

1. The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law.

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<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
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<tr>
<td>DAVID BRUCE AYRES, JR.</td>
<td>Downers Grove, Illinois</td>
<td>Hawaii</td>
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<tr>
<td>HAROLD JOHN CORWIN</td>
<td>Chicago, Illinois</td>
<td>District of Columbia</td>
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<tr>
<td>WILLIAM ELBERT CUNNINGHAM</td>
<td>Detroit, Michigan</td>
<td>Ohio</td>
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<td>EUGENE BERNARD FRANK</td>
<td>Milwaukee, Wisconsin</td>
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<td>CHARLES HENRY GRIFFIN</td>
<td>Champaign, Illinois</td>
<td>Texas</td>
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<td>MELBURN DALE HANELINE</td>
<td>Collinsville, Illinois</td>
<td>Missouri</td>
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<td>DONALD DEAN HOOVER</td>
<td>Paducah, Kentucky</td>
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<tr>
<td>ALLEN LAZAR</td>
<td>Chicago, Illinois</td>
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<td>EDWARD LEMANSKI</td>
<td>Bellwood, Illinois</td>
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<tr>
<td>DONALD SNOVER LEWIS</td>
<td>Park Ridge, Illinois</td>
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<td>KERWIN THOMAS McCLELLAND</td>
<td>Baton Rouge, Louisiana</td>
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<td>BERNARD E. MEYERS</td>
<td>Milwaukee, Wisconsin</td>
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<tr>
<td>ROBERT MURRAY SHEHAN</td>
<td>Park Ridge, Illinois</td>
<td>Wisconsin</td>
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<tr>
<td>EDWIN HARRIS WAGNER, JR.</td>
<td>St. Louis County, Missouri</td>
<td>Missouri</td>
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<tr>
<td>ROBERT WEBER</td>
<td>Highland Park, Illinois</td>
<td>District of Columbia</td>
</tr>
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On motion of Mr. Johnston, these certificates were awarded.

**APPOINTMENTS TO THE FACULTY**

2. The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. RAYMOND E. ANDERSON, Clinical Assistant Professor of Surgery, beginning November 1, 1958, without salary (DY).
2. JOE R. BURNETT, Assistant Professor of Education, beginning September 1, 1959, at an annual salary of $7,200 (D).
3. IRVING W. COLEBURN, Assistant Professor of Architecture and Art, in the Chicago Undergraduate Division, for six months from September 1, 1958, on one-half time, at a salary of $1,750 (G50).
4. WILLIAM H. HAINES, Clinical Associate Professor of Psychiatry, beginning September 1, 1958, without salary (DY).
5. FRANCO A. LEVI, Research Assistant Professor of Physics, beginning November 1, 1958, at an annual salary of $7,800 (DY).
6. GEORGE C. MANN, Visiting Professor of Education, beginning September 1, 1958, without salary (D).
7. JAGDISH C. SARIN, Assistant Professor of Pathology, beginning September 1, 1958, without salary (DY).
8. DAVID J. WHEELER, Research Associate Professor in the Digital Computer Laboratory, Graduate College, for six months from March 20, 1959, at a salary of $5,400 (G).

On motion of Mr. Bissell, these appointments were confirmed.

**DEANSHIP OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES**

3. Upon the resignation of Dean Joseph R. Smiley of the College of Liberal Arts and Sciences in August, 1958, I appointed a special search committee to make nominations for the deanship. During the period preceding the selection of the new dean and his taking over the duties, Associate Dean Gibbon Butler
of the College of Liberal Arts and Sciences is in charge of the Dean's Office. In carrying out this assignment, he consults closely on matters of policy with the Executive Committee of the College.

The Committee on the Deanship has unanimously nominated Professor Lyle H. Lanier, Head of the Department of Psychology. This nomination is also unanimously endorsed by the Executive Committee of the College and is concurred in by the Vice-President and Provost and the Dean of the Graduate College. I recommend the appointment of Dr. Lanier as Professor of Psychology on indefinite tenure and Dean of the College of Liberal Arts and Sciences beginning January 1, 1959, and continuing through August, 1959, at a salary of $20,500 a year on "Y" basis.

It is the opinion of the search committee, the Executive Committee of the College, and all recommending officers that this appointment will receive wide acceptance not only from the faculty of the College but also from the faculty of the University in general. We also feel that Professor Lanier will give the College the same distinguished leadership he has given the Department of Psychology which has become one of the leading departments of psychology in the country. Professor Lanier is presently on sabbatical leave of absence for the first semester of 1958-59 which accounts for the beginning date of his appointment as Dean.

On motion of Mr. Swain, this appointment was approved.

DIRECTOR OF HEALTH SERVICES AT CHICAGO PROFESSIONAL COLLEGES

(4) The Vice-President in charge of the Chicago Professional Colleges recommends the appointment of Dr. Marvin J. Colbert, presently Assistant Professor of Medicine on the faculty, as Assistant Professor of Medicine and Director of Health Services at the Chicago Professional Colleges beginning January 1, 1959, and continuing through August 31, 1959, at an annual salary of $13,000 on "Y" basis.

This appointment is to replace Dr. Buford Hall who is resigning as Director, but who will continue as a member of the nonsalaried faculty of the Department of Medicine.

I concur.

On motion of Mrs. Watkins, this appointment was approved.

MEMORANDUM OF UNDERSTANDING AMONG PRESIDENTS OF STATE-SUPPORTED INSTITUTIONS OF HIGHER LEARNING

(5) The presidents of the state-supported institutions of higher education in Illinois have adopted the following Memorandum of Understanding Among the Presidents of the State-Supported Institutions of Higher Learning in Illinois as a statement of policy of institutional cooperation.

The presidents, through the Joint Council on Higher Education of the six state-supported institutions of higher learning in Illinois, affirm their full intention to keep each other informed of plans for new programs, such as the establishment of a new department, college, or school, the inauguration of a new service, the opening of a branch; or changes in, or enlargements of, existing programs at any one of the universities that might affect any of the other universities; and to provide opportunity for timely mutual discussion of such matters. The purpose of these discussions shall be to attempt to arrive at the best application of the resources which may become available to any of the universities toward providing the most sound educational programs and service possible in the state.

More specifically, it is understood between said presidents that proposals for new legislation enlarging the scope of the authority of any of the universities or requests for appropriations for new programs at any of them shall be submitted to the others prior to the actual making of the requests. This will be done in order to have a discussion toward the end of attempting to reach a consensus as to whether such enlargements are in the public interest. It is also understood that such discussions are desirable in the interest of avoiding, in every instance reasonably possible and consistent with the important interests of each university, the necessity of public opposition on the part of any one of them to proposals of the others.
It is further understood that, failing to reach such a concurrence or consensus, each president will give the others due notice in the early stages of formulation of the position to be taken by his university with regard to such proposals, together with a statement of his reasons therefor. Furthermore, any reactions of the other institutions will be immediately conveyed to the governing boards.

It is further understood that the several universities will remain alert to, and shall seek out, appropriate and practicable opportunities for cooperative programs to be operated by any two or more of them jointly.

On motion of Mr. Hughes, the Board endorsed this plan.

**SETTLEMENT OF ADDITIONAL COSTS TO CORRECT DEFICIENCIES IN HEATING INSTALLATION IN ADDITION TO LINCOLN AVENUE RESIDENCE**

(6) As previously reported to the Board, heating deficiencies in the addition to the Lincoln Avenue Residence have been corrected at a cost of $68,888. Negotiations have been concluded with the architects, Naess and Murphy, Chicago, to determine the distribution of this additional cost.

Naess and Murphy have agreed that $24,194 is their responsibility, based upon the contractor’s estimate of the work due to the error in determining the heat loss through the walls of the building. The University has agreed that it should pay the added cost which would have resulted in any case if the original design had been adequate. The contractor’s estimate of this is $33,000.

This leaves a difference of $11,694, which is due to a misunderstanding between the University and the architects as to the pressure in the steam distribution system at the service connection to the building. It has been impossible to ascertain the reason for this misunderstanding, but it is apparent that the architects operated in good faith on an erroneous assumption. It is concluded, therefore, that this difference should be divided equally between the architects and the University.

On this basis, Naess and Murphy would assume a cost of $30,041 and the University would assume a cost of $38,847. This has been reviewed by the Federal Housing and Home Finance Agency, the purchaser of the majority of the bonds for financing this building, and they have agreed to the settlement.

The Director of the Physical Plant and the Vice-President and Comptroller recommend approval of this settlement, which will be accomplished by a deduction of $30,041 in the amount the University will pay Naess and Murphy for architectural services.

This has been submitted, with my concurrence, to the Committee on Buildings and Grounds which also recommends approval.

On motion of Mr. Johnston, this settlement was approved.

**APPROPRIATION FOR EQUIPMENT IN OFFICES OF ADMISSIONS AND RECORDS AND BURSAR**

(7) Remodeling of the space occupied by the Bursar’s Office and the Dean of Admissions and Records on the first floor of the Administration Building and expansion of the services of these offices require additional equipment to make the best use of the enlarged work areas. Funds are requested as follows for this and for replacement of present equipment. Any usable equipment replaced can be transferred to other divisions of the University:

**Bursar’s Office, furniture............................** $ 9,800

**Dean of Admissions and Records**

Shelving and file cabinets................................................. 2,095

Replacement of six typewriters and purchase of six additional typewriters (at the present time six are being rented).................. 3,520

Furniture and other equipment needed in remodeled, expanded areas 9,749

**Total.................................................................** $25,164

In the appropriation made by the Board for the remodeling of this area, $8,000 can be used for the purchase of equipment. The remainder needed, $17,164, can be found in funds collected from the United States government for certification of the grades and attendance of veterans, a service required by the government. Since the Bursar’s and the Admissions Offices were concerned with this certification service, it is appropriate to use the funds from this source.
The Vice-President and Provost and the Vice-President and Comptroller recommend an assignment of $17,164 from the funds received for certification of the records of veterans for this purpose.

I concur.

On motion of Mr. Swain, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**APPROPRIATION FOR AUTOMOBILES FOR UNIVERSITY CAR POOL**

(8) The demands on the University's passenger car pool for official travel have so increased that it is frequently necessary to turn down requests. During 1957-58 there was an increase of 18 per cent in the total number of car reservations, and 538 requests could not be approved. When the University cannot provide for official University travel, the staff member is reimbursed at the rate of eight cents per mile (the standard rate paid by the state of Illinois) for the use of his own car as compared with a cost of six cents per mile, which represents the University's operating expense of the car pool.

An addition of seven passenger automobiles (six station wagons and one sedan) is required to accommodate current demands. The cost of the additional equipment cannot be met from the replacement fund since this was built up for the purpose of replacing present equipment. However, funds have accumulated in the Physical Plant Storeroom operation account, and $16,000 can be released from this source for the purchase of additional cars needed.

The Vice-President and Provost, the Vice-President and Comptroller, and the Director of the Physical Plant recommend that $16,000 in the Storeroom Reserves be assigned for the purpose of the expansion in the number of vehicles held by the car pool. Recommendations for purchase of the equipment will be submitted to the Board for approval.

I concur.

On motion of Mr. Herrick, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**APPROPRIATION FOR INSTALLATION OF DATA-PROCESSING MACHINE**

(9) The Board has approved an appropriation of $60,000 for remodeling the Engineering Research Laboratory for installation of IBM 701 equipment. It has now been determined that IBM 650 equipment will meet the University's needs just as effectively, and the rental is less. Detailed plans for the installation have been revised and completed. The estimated cost is $81,305. Funds for the additional $21,305 are available in the appropriation for operation of the equipment, since the delivery date has been deferred.

The Vice-President and Comptroller recommends the transfer of $21,305 from the operating funds to the appropriation for installation of IBM equipment, and authorization to substitute IBM 650 equipment for IBM 701 equipment in the rental agreement with the International Business Machines Corporation.

I concur.

On motion of Mrs. Holt, this appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**REAPPROPRIATION FOR ARCHITECTURAL SERVICES FOR THE 1959-61 BUILDING PROGRAM**

(10) On October 22, 1956, the Board of Trustees appropriated $150,000 for architectural services on the 1957-59 building program so that construction could be started at the earliest possible date after appropriations for the buildings became available.
There is an unexpended balance of $40,000 in this appropriation. The Director of the Physical Plant and the Vice-President and Comptroller recommend that this balance be appropriated for architectural services on buildings to be constructed during 1959-61 as funds become available.

I concur.

On motion of Mrs. Watkins, this reappropriation was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

ASSIGNMENT OF SITE FOR BUILDING FOR NATIONAL COUNCIL OF TEACHERS OF ENGLISH

(11) The University is presently leasing space at 704 South Sixth Street, Champaign, to the National Council of Teachers of English which established its headquarters at the University several years ago. The Council has plans to construct its own building and has requested the University to provide a site. This proposal was presented to the Committee on Buildings and Grounds at a meeting held in Chicago on March 11, 1958. It was reported at that meeting that a site on University property in the block bounded by Wright Street, Springfield Avenue, Sixth Street, and Healey Street in Champaign is available and is acceptable to the Council. The Board Committee and other Trustees present at its meeting unanimously agreed that the educational value to the University and to the state of having the National Council of Teachers of English located on the campus justifies the allocation of a suitable site on University property for this new building. Accordingly, the Committee approved the proposal and also approved in principle the recommendation of the University Building Program Committee for the allocation of a site in the area described.

The Fire Training Tower occupies part of this site on Sixth Street, just back of the Vivarium Building. This area was formerly used by the Illinois Fire College but is no longer adequate for training purposes, and the Fire College has been holding its demonstrations and practice sessions elsewhere on University property. The Fire Training Tower was constructed many years ago, funds for it having been appropriated by the General Assembly of Illinois to the Illinois Firemen's Association. The Association is willing to release this space if the University will agree to join with it in sponsoring in the Seventy-first General Assembly of Illinois a bill for an appropriation from the Fire Prevention Fund to provide for acquisition of additional land for the Fire College, and if the University will assure the Association that in the event such an appropriation is not forthcoming, the University will provide other land for the Fire College for temporary use.

The Building Program Committee has approved the assignment of the space on Sixth Street to the National Council of Teachers of English and has allocated in the campus development program an area of six acres to be acquired for the Fire College.

The Vice-President and Provost and the Vice-President and Comptroller recommend (a) that the Board of Trustees authorize a commitment to the Illinois Firemen's Association that the University will join it in seeking an appropriation of funds for the facilities needed by the Fire College and that the University will, in the meantime, provide land elsewhere on the campus for the Fire College, and (b) that the Board give formal assurance to the National Council of Teachers of English that the University will provide a site in the area described on which the Council may construct its new building through a lease of the site to the Council, or a lease of the site and the building to the Council if it should be agreed that the building to be constructed becomes the property of the University, the lease in either case to be for a long term at a nominal rental and upon such other terms and conditions as may be mutually agreed upon by the Council and the University.

When negotiations with the Council have been concluded, a further recommendation will be made to the Board of Trustees for the approval of such

1 All six members of the Committee were present at the meeting, and three of the other members of the Board were also present and participated in the discussion.
agreement or resolution as may be necessary to implement this arrangement.

I concur and recommend that the Comptroller be authorized to make the necessary commitment to the Illinois Firemen's Association and assurance to the National Council of Teachers of English in a form approved by the Legal Counsel.

On motion of Mr. Herrick, this recommendation was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF ILLINI UNION ADDITION

(12) The Vice-President and Comptroller has submitted an application to the Housing and Home Finance Agency for a loan of $2,750,000 for the construction of an addition to the Illini Union Building. This represents the maximum amount which the Housing and Home Finance Agency will lend on this type of project.

The Director of the Physical Plant and Vice-President and Comptroller recommend that the action of the University in submitting this application to the Housing and Home Finance Agency be confirmed; that the firm of Chapman and Cutler of Chicago be employed as counsel for the bond issue; that bids for the construction of the project and advertisements for the sale of bonds be taken at the time or times deemed most appropriate by the Vice-President and Comptroller; that the Comptroller and the Secretary of the Board be authorized to execute a loan agreement with the Housing and Home Finance Agency; and that all other necessary steps in connection with the bond issue and the sale of bonds be authorized.

I concur.

On motion of Mr. Swain, this application was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

HOUSING AND HOME FINANCE AGENCY LOAN FOR CONSTRUCTION OF SINGLE GRADUATE STUDENTS RESIDENCE HALL

(13) The Vice-President and Comptroller and the Director of the Physical Plant recommend that an application for a loan of $1,350,000 be submitted to the Housing and Home Finance Agency for the construction of a residence hall for approximately three hundred single graduate students; that the firm of Chapman and Cutler be employed as counsel for the bond issue; that bids for the construction of the project and advertisements for the sale of bonds be taken at the time or times deemed most appropriate by the Vice-President and Comptroller; that the Comptroller and the Secretary of the Board be authorized to execute a loan agreement with the Housing and Home Finance Agency; and that all other necessary steps in connection with the bond issue and the sale of bonds be authorized.

Equipment for this project, estimated to cost $250,000, will be provided from bonds to be sold publicly.

I concur.

On motion of Mr. Johnston, this application was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF APARTMENTS FOR MARRIED STUDENTS AND STAFF

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for the construction of one hundred twenty apartment units for married students and staff, to be built in the area
south of Florida Avenue between Orchard Street extended and Race Street, Urbana, to Shapland Homes, Inc., Champaign, the lowest bidder, on the basis of its bid of $914,700. They also recommend that the Board authorize the execution of a supplementary change order increasing the contract by $20,100 to provide for additional items of work desired by the University.

Funds are available from the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur in these recommendations.

On motion of Mrs. Watkins, these recommendations were approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF CENTRAL FOOD STORES BUILDING AND EQUIPMENT

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of contracts as follows, the award in each case being to the lowest bidder:

Construction of Central Food Stores Building — Felmley-Dickerson Company, Urbana

Base bid ........................................................ $989,000

Alternate A, construction of pile foundation instead of soil bearing foundation, deduct ................................ $12,000

Alternate B, installation of Air-Lec operators on refrigerator doors, add ............................................. 2,600

Net amount of contract ........................................ $979,600

Equipment for Central Food Stores Building — Illinois Range Company, Mount Prospect, Illinois

Total of bids of meat cutting, vegetable processing, and test kitchen equipment .................................. $57,160

Deductions of items to be omitted ................................ $2,942

Net amount of contract ........................................ $54,218

Felmley-Dickerson Company has agreed to omit or change certain items totaling $19,450 in order to reduce the cost of the project. These will be negotiated as a change order.

Bids were also taken on bakery equipment for this building, but these installations can be deferred until additional funds are available, and it is therefore recommended that all bids on bakery equipment be rejected. Funds are available from the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur in these recommendations.

On motion of Mr. Williamson, this recommendation was approved by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF SNACK BAR AND SERVICE BUILDING FOR MEN'S RESIDENCE HALLS

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for $364,592 to A. F. Krall Construction Company, Decatur, Illinois, the lowest bidder, for the construction of a snack bar and service building at the southwest corner of Gregory Drive and Euclid Avenue, Champaign, to serve all of the Men's Residence Halls in the area. Funds are available from the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes,
Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

CONTRACT FOR REMODELING OUTPATIENT AREA OF THE RESEARCH AND EDUCATIONAL HOSPITALS IN CHICAGO

The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for $9,598 to the Mueller Construction Company, Chicago, the lowest bidder, for remodeling the outpatient collection area in the Research and Educational Hospitals.

The work will consist of the rearrangement of partitions and general rehabilitation of the area and construction of cashiers' cages, in order to increase the efficiency of the functions carried on in the area and allow for some expansion for needed staff.

Funds for this work are available in an appropriation approved by the Board of Trustees on June 19, 1958.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mrs. Holt, this contract was awarded by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

ADDITION TO CONTRACT WITH CONSULTING ENGINEERING SERVICE

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an addition of $4,000 to the University's standing contract with Brown, Manthei, Davis, and Mullins, formerly Consulting Engineering Service, Champaign, for the preparation of plans and specifications for the heating, ventilating, and air-conditioning work on the remodeling of space in the Engineering Research Laboratory for housing an IBM 650 Computer.

I concur.

On motion of Mr. Bissell, this recommendation was approved.

PURCHASES

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One electron microscope</td>
<td>Aeromedical and Physical Environment Laboratory</td>
<td>Radio Corp. of America, Camden, N.J.</td>
<td>$27,700.00 delivered</td>
</tr>
<tr>
<td>100,000 myosoline tablets 0.25 gram</td>
<td>Hospital Pharmacy</td>
<td>Ayerst Laboratories, Chicago</td>
<td>2,658.00 delivered</td>
</tr>
<tr>
<td>One autoanalyzer for automatic chemical determination of laboratory specimens</td>
<td>Research and Educational Hospitals</td>
<td>Technicon Instruments Corp., Auto-Analyzer Division, Chauncey, N.Y.</td>
<td>4,202.65 f.o.b. Chauncey, N.Y.</td>
</tr>
<tr>
<td>One closed circuit television system including two cameras and tubes, two lenses, two camera controls, cables, and monitor</td>
<td>Psychiatry</td>
<td>Crosley Associates, Inc., Chicago</td>
<td>7,039.00 f.o.b. San Diego, Calif.</td>
</tr>
<tr>
<td>Seven sterilizers for the Medical Research Laboratory</td>
<td>Physical Plant, Chicago</td>
<td>American Sterilizer Co., Chicago</td>
<td>32,758.00 delivered</td>
</tr>
<tr>
<td>One automatic liquid scintillation counter</td>
<td>Radiology</td>
<td>Packard Instrument Co., LaGrange</td>
<td>12,500.00 delivered</td>
</tr>
<tr>
<td>One spectrophotometer, 200 mu. to 2,500 mu. scale complete with standard accessories, 70 cm. optical bench; one set four cells 10 mm. light path</td>
<td>Chemistry and Chemical Engineering</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>4,343.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One Ampex FR-300 digital tape transport mechanism</td>
<td>Digital Computer Laboratory</td>
<td>Ampex Corp., Villa Park</td>
<td>21,188.00 f.o.b. Redwood City, Calif.</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>---------------------------------------------------------------------</td>
<td>---------------------</td>
<td>---------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>One Sorensen No. MA28-500 18-36 volt, 500 amperes DC power supply</td>
<td>Physics</td>
<td>Sorensen &amp; Co., Inc., c/o Pivan Engineering Co., Chicago</td>
<td>$4,720.00</td>
</tr>
<tr>
<td>One Sorensen No. MA28-250 18-36 volt, 250 amperes DC power supply</td>
<td></td>
<td></td>
<td>f.o.b. South Norwalk, Conn.</td>
</tr>
<tr>
<td>240 wood side chairs, library posture type, for use in laboratories and seminar rooms in Biology Building</td>
<td></td>
<td></td>
<td>f.o.b. Urbana</td>
</tr>
<tr>
<td>Steel shelving to be furnished and erected in the new Biology Building, consisting of thirty-two sections of slot-</td>
<td></td>
<td></td>
<td>f.o.b. delivered and erected</td>
</tr>
<tr>
<td>ted type book shelving and forty-four sections of angle type storage shelving</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>146 auditorium chairs with table arms to be furnished and installed in Room 124 Biology Building</td>
<td>Physical Plant—Architectural Division</td>
<td>S. Buckman Furniture &amp; Supply, Spring Valley</td>
<td>$3,947.84</td>
</tr>
<tr>
<td>Two special loading cylinders, for use with Lowenstein fatigue testing machine</td>
<td>Theoretical and Applied Mechanics</td>
<td>Riehle Testing Machine Division, American Machine &amp; Metals, Inc., East Moline</td>
<td>$3,300.00</td>
</tr>
<tr>
<td>Two Freon twelve refrigeration units, fifteen h.p. capacity, including motors, reduced voltage starters, oil separators, and vibration eliminators (replacement equipment for Electrical Engineering Tube Laboratory)</td>
<td>Physical Plant</td>
<td>The Field &amp; Shorb Co., Decatur</td>
<td>$3,792.10</td>
</tr>
<tr>
<td>Two No. 5820 image orthicon tubes</td>
<td>Television-Motion Pictures</td>
<td>Electronic Parts Co., Champaign</td>
<td>$3,120.00</td>
</tr>
<tr>
<td>Three image orbiting guards for GPL television cameras</td>
<td>Television-Motion Pictures</td>
<td>General Electric Co., Chicago</td>
<td>$3,240.00</td>
</tr>
<tr>
<td>Seven two-place trainer airplanes and accessories, less trade-in allowance for seven Aeronca Model 7AC airplanes</td>
<td>Institute of Aviation</td>
<td>Champion Aircraft Corp., Osecola, Wis.</td>
<td>$3,672.56</td>
</tr>
</tbody>
</table>

On motion of Mr. Swain, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period October 1 to October 31, 1958.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Royal McBee Corp.</td>
<td>Explore the educational outcomes of the portable typewriter when employed as classroom teaching equipment in the fourth and fifth grades of the elementary school</td>
<td>$9,229.45</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>The Texas Co.</td>
<td>Methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients</td>
<td>$3,500.00</td>
<td>June 17, 1958</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)677</td>
<td>Conduct basic research relating to atomic energy</td>
<td>$10,972.00</td>
<td>September 26, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1459(02)</td>
<td>Metabolism of hibernation</td>
<td>$6,945.00</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(26)</td>
<td>Experimental and theoretical work on the origin of the plastic properties of crystalline solids</td>
<td>$17,515.00</td>
<td>August 1, 1958</td>
</tr>
<tr>
<td>Lou Brownie Attractions</td>
<td>Orchestra for a dance at Navy Pier, October 18, 1958</td>
<td>$210.00</td>
<td>October 3, 1958</td>
</tr>
<tr>
<td>Giesen and Boomer, Inc.</td>
<td>Appearance of C. Northcote Parkinson at Chicago Professional Colleges on October 29, 1958</td>
<td>$350.00</td>
<td>September 16, 1958</td>
</tr>
<tr>
<td>St. Phillip High School</td>
<td>Rental of St. Phillip High School memorial stadium for October 18, 1958</td>
<td>$135.00</td>
<td>September 18, 1958</td>
</tr>
</tbody>
</table>
Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bureau of Public Roads, Department of Commerce C.P.R. 11-3044</td>
<td>Cooperative investigation of fatigue strength of welded flexural members</td>
<td>$20,000.00</td>
<td>June 30, 1958</td>
</tr>
<tr>
<td>General Electric Co.</td>
<td>Fading of residual stress and the effect of certain levels of residual stress initially present upon the fatigue strength of certain superalloys at elevated temperatures</td>
<td>$12,500.00</td>
<td>July 15, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 29(601)-408</td>
<td>Static and dynamic testing of deep structural elements</td>
<td>$20,950.00</td>
<td>September 18, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 29(601)-1185</td>
<td>Confidential</td>
<td>$7,001.00</td>
<td>September 23, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-1175</td>
<td>Alloys of the transition elements</td>
<td>$2,902.00</td>
<td>September 30, 1958</td>
</tr>
<tr>
<td>United States Army DA-16-039 SC-71163</td>
<td>Investigation of moon-relay communication</td>
<td>$35,000.00</td>
<td>June 28, 1958</td>
</tr>
<tr>
<td>United States Army DA-16-039 SC-75035</td>
<td>Measurement of intensity of surface precipitation by radar returns</td>
<td>$49,860.00</td>
<td>May 31, 1958</td>
</tr>
<tr>
<td>United States Air Force DA-49-007 MD-877</td>
<td>Study the context effects in psycho-physical judgments</td>
<td>$8,922.00</td>
<td>September 30, 1958</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-67 Project No. 5</td>
<td>Atomic energy research and development</td>
<td>$33,890.00</td>
<td>October 9, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1244(00)</td>
<td>Initiation of training in military and disaster medicine</td>
<td>$9,000.00</td>
<td>July 1, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(02)</td>
<td>Development of radiowave direction-finding techniques</td>
<td>$25,000.00</td>
<td>September 1, 1958</td>
</tr>
</tbody>
</table>

Adjustments Made in 1958-59 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. T. Drewitch (Plastering)</td>
<td>Thirty-two items: $770.51 deduct to $650.00</td>
<td>$2,850.36</td>
<td>October, 1958</td>
</tr>
</tbody>
</table>

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(21) The Comptroller presents his quarterly report to the Board as of September 30, 1958.

This report was received for record and a copy has been filed with the Secretary of the Board.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

ADVISORY COMMITTEE

(22) The Director of the Institute of Labor and Industrial Relations recommends the following appointments to the Institute's Advisory Committee for a term of three years beginning September 1, 1958:

Management

D. Robert Davies, Vice-President, Industrial Relations, Illinois Power Company, Decatur, Illinois

This appointment will replace Mr. Thomas G. Ayers, Vice-President, Commonwealth Edison Company, Chicago, whose term has expired. Mr. Davies is well acquainted with the extension program of the Institute and is very much interested in its work.

Labor

Stanley L. Johnson, Executive Vice-President, Illinois State Federation of Labor and Congress of Industrial Organizations, 660 Lake Shore Drive, Chicago, Illinois

Robert Johnston, Regional Director in Region IV, International Union of the United Automobile, Aircraft, and Agricultural Implement Workers of America, 54 West Randolph Street, Chicago, Illinois
These appointments will replace Mr. Reuben G. Soderstrom, President, Illinois State Federation of Labor and Congress of Industrial Organizations, Springfield, and Mr. Samuel Smith, Manager, Joint Board, Amalgamated Clothing Workers of America, CIO, whose terms have expired. Mr. Stanley L. Johnson served an earlier term on the Advisory Committee and is well acquainted with the work of the Institute. Mr. Robert Johnston is also a member of the International Union's Executive Board and is currently serving as a Vice-President of the Illinois State Federation of Labor and Congress of Industrial Organizations.

Public
ADOLPH BERGER, Regional Director, Bureau of Labor Statistics, United States Department of Labor, Chicago, Illinois
This appointment will replace Senator T. Mac Downing, Macomb, Illinois, whose term has expired. Mr. Berger is a professional in the area of labor statistics. He has been in charge of the Chicago office for many years and has frequently assisted the Institute in some of its studies.
I concur.
On motion of Mr. Johnston, these appointments were approved.

LAND ACQUISITION FOR RADIO TELESCOPE PROJECT
(23) As reported to the Board of Trustees on April 17 and July 29, 1958, the University has a contract with the Office of Naval Research for $233,000 for the construction of a radio telescope. If plans proceed as contemplated, the instrument will be the largest of its kind and will result in a very valuable addition to the research and teaching facilities of the University in an important field of science. The cost of constructing the instrument will be borne by the federal government, but the University should acquire and hold title to the land on which it will be located. The Office of Naval Research contract was negotiated with this understanding.

To reduce the cost of site preparation, it was necessary to locate a natural valley with its major axis running in a north-south direction, approximately 600 feet in length, 400 feet in width, 100 feet deep at the deepest point, and of concave shape. Because this instrument will be extremely sensitive to electrical disturbances, it is also necessary to select a site remote from this type of interference and with the proper soil characteristics. It is also essential to have a site fairly close to the University. Several possible sites were considered, and after extensive tests over a six-month period, it was determined that the site meeting the requirements and closest to the campus is approximately seven miles south of Danville.

Negotiations have been carried on with the owner, Mr. Milton W. Thompson, of Danville. Appraisals were obtained from Mr. Lewis V. Lane, a land appraiser in Vermilion County, who assigned a value of $75 an acre to this tract. A member of the staff of the College of Agriculture who was also consulted stated that for agricultural purposes the land has an economic value of about $50 an acre, but that at present land prices it would probably be necessary to pay about $100. The owner initially asked $200 an acre for the entire farm, which is more area than is required. Because of the very favorable characteristics of this site, it is the opinion of the University representatives that $100 an acre is a fair price. The owner has now agreed to accept this price for an area comprising approximately 136.8 acres and described as follows:

The Southwest Quarter of the Southwest Quarter of Section 36, and the Northwest Quarter of the Southwest Quarter of Section 36 except approximately 1.5 acres in the northwest corner thereof presently included within a fence line and presently being a house and barn lot, and the Southeast Quarter of the Southeast Quarter of Section 35; and 9.3 acres more or less off the South side of the Northeast Quarter of the Southeast Quarter of said Section 35, being all of the land in said Northeast Quarter of the Southwest Quarter South of the fence line presently existing. All of the above described land being located in Township 19 North, Range 11 West of the 2nd P.M., in Vermilion County, Illinois, and containing approximately 136.8 acres, the exact acreage to be determined after survey.
The instrument itself will occupy about five acres, and will be located in the extreme southern portion of the above described 136.8-acre tract. To provide protection from electrical disturbances and to achieve the necessary privacy, it is desirable to acquire an additional 66.22 acres, more or less, adjacent to and immediately south of the site, described approximately as follows:

83.22 acres off the west side of the northwest fractional quarter of Section 1, and also the following described piece or parcel of land, described as follows: Beginning at the northwest corner of the southwest fractional quarter section of said Section 1, thence down the Vermilion River following the meanderings thereof 58 poles to a stone, thence in a northeasterly direction or course to a point so as to strike the north line of said Southwest Fractional Quarter of Section 1, 17 poles west of the northeast corner of said Southwest Fractional Quarter of Section 1; thence west to the place of beginning; except 4½ acres in a triangular shape off the northeast corner of last described tract in Southwest Fractional Quarter, Section 1; all in Township 18 North, Range 11 west of the 2nd P.M., in Vermilion County, Illinois, containing 101.22 acres more or less, except 35 acres off the south end of the west 83.22 acres off west half of northwest fractional quarter of Section 1, Township 18 North, Range 11 west of the 2nd P.M., east of the Vermilion River, Vermilion County, Illinois, amounting to 66.22 acres more or less.

An option to purchase this second tract has been secured from Mr. and Mrs. Willard Burgoyne of Danville at a price of $2,200, or $33.22 an acre. The difference in price between the Thompson and the Burgoyne tracts is because the Thompson property is operated as a livestock farm, the area to be acquired being used for grazing, while the Burgoyne tract is largely wasteland.

The Head of the Department of Astronomy, the Dean of the Graduate College, and the Vice-President and Comptroller recommend the purchase of these tracts at the prices indicated, viz.: $13,680 for the Thompson property and $2,200 for the Burgoyne tract. Funds for this purchase have been allocated by the University Research Board.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents to acquire these tracts.

On motion of Mr. Swain, this purchase of property was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

SALE OF HOUSING REVENUE BONDS OF 1958

(24) Bids were received on November 18, 1958, for the sale of $3,150,000 of the Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958 to finance the construction of a Central Food Stores Building, a Snack Bar and Service Building, and 120 apartment units for married students.

No bids were received from private companies for the Series B bonds in the amount of $1,525,000 which will be sold to the Housing and Home Finance Agency at an interest cost of 3 per cent. Seven bids were received for the Series A bonds. The value $1,625,000.

The Vice-President and Comptroller recommends that:

1. The Series A bonds in the amount of $1,625,000 be sold to White, Weld, and Company, Chicago, and Associates at a price of $1,590,000.10 and at an effective interest rate of 3.944 per cent which represents the lowest interest cost to the University;
2. Funds in the Housing Division reserves be advanced, if necessary, to finance construction costs until the bonds are delivered and the proceeds are available;
3. The Harris Trust and Savings Bank, Chicago, be designated as the depository for the Construction Fund Account, and that it be authorized to act as investment counsel for the purchase of government securities as temporary investment of this Fund;
4. The Loan Agreement with the Housing and Home Finance Agency, as submitted herewith, be approved.
Mr. Swain, Chairman of the Finance Committee, stated that the Committee considered this recommendation at a meeting held earlier in the day and voted to approve the same.

On motion of Mr. Swain, the sale of these bonds was authorized, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**LOAN AGREEMENT WITH HOUSING AND HOME FINANCE AGENCY OF THE UNITED STATES GOVERNMENT**

There was presented for examination the proposed Loan Agreement and Numbered Contract No. H(402-294) with the United States of America providing for the funds to be loaned by the United States government to assist in financing the construction of the Central Food Stores Building and a Snack Bar and Post Office Building.

Upon examination of this agreement, Mr. Swain offered the following resolution and moved its adoption.

**Resolution Approving and Providing for the Execution of a Loan Agreement, and Numbered Contract No. H(402-294), by and between the Board of Trustees of the University of Illinois and the United States of America**

*Be It Resolved by the Board of Trustees of the University of Illinois and the United States of America*

*SECTION 1. The pending Loan Agreement and Numbered Contract No. H(402-294), and relating to the erection on the campus of the University of Illinois, an educational institution of higher learning located in Urbana, Illinois, a one-story Central Food Service Building and a one-story Snack Bar and Post Office Building, by and between the Board of Trustees of the University of Illinois and the United States of America, is hereby in all respects approved.*

*SECTION 2. The Comptroller is hereby authorized and directed to execute the said Loan Agreement in three counterparts on behalf of the Board of Trustees of the University of Illinois, and the Secretary of the Board of Trustees of the University of Illinois is hereby authorized and directed to impress and attest the official seal of the University of Illinois on each such counterpart, and to forward two such counterparts to the Housing and Home Finance Agency, together with such other documents relative to the approval and execution of such counterparts and to this Resolution as may be required by the Government.*

The foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

**PROCUREMENT OF TAX-FREE ALCOHOL**

Mr. H. M. Edwards, as Director of Purchases, was authorized by name to sign documents pertaining to procurement of tax-free alcohol. His retirement requires a change in this authorization.

The Secretary presented the following resolution authorizing the Director of Purchases and the Comptroller by title to sign such documents:

**Resolution**

*Be It and It Is Hereby Resolved, by this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of*
Illinois, that the Director of Purchases and Comptroller of this public corporation be, and they hereby are, authorized to sign any and all documents, forms, applications, and other materials necessary to secure from the United States Treasury Department Internal Revenue Service the right to procure and use alcohol, free of tax, for instruction, experimentation, the making of medicinal extracts, ether or chloroform, and in combining pharmaceutical preparations, and for sterilization of instruments, and external applications, and for any and all other allied purposes for and in behalf of this public corporation, and that the affixing by said officers of their signatures as said officers to any such documents, forms, applications, and other materials necessary, shall be and is the act of this public corporation, and that the authority herein granted shall inure to the successors in office of the said Director of Purchases and Comptroller of this public corporation.

On motion of Mr. Swain, the foregoing resolution was adopted.

JANUARY AND FEBRUARY MEETINGS

On motion of Mrs. Watkins, the Board voted to hold its January, 1959, meeting in Urbana, Illinois, on Tuesday, January 20, 1959, at an hour and place to be determined by the President and the Secretary of the Board.

On motion of Mr. Swain, the Board voted to hold its February, 1959, meeting in Chicago, Illinois, on Thursday, February 19, 1959, at an hour and place to be determined by the President and the Secretary of the Board.

EXECUTIVE SESSION

At this point, on motion of Mr. Swain, an executive session was ordered for consideration of the following items of business.

ACQUISITION AND TRANSFER OF LAND

(25) Mr. Hartwell C. Howard of Champaign has offered to give the University of Illinois Athletic Association approximately 154 acres of land immediately south of, and adjoining, the University of Illinois Golf Course at Savoy under the following conditions:

1. That the Athletic Association shall agree to develop within four years from the date of acquiring the land a public golf course upon not less than 120 acres of the land transferred and to operate this golf course under the conditions hereinafter set forth for a period of not less than fifty years.

2. The golf course shall be operated for the use and benefit of the public generally during the normal golfing season on each Saturday, Sunday, and two other days of the week. On the other three days of the week preference may be given to the use of the course by students and faculty of the University of Illinois.

3. The daily fee for the use of said golf course shall not exceed the average of the daily fees charged by public courses in the counties of Champaign, Vermilion, Coles, and McLean, Illinois.

4. When the fifty-year period has expired, there shall be no further restriction on the use of the premises, providing, however, that the golf course may be abandoned during said period of fifty years and the land sold, if a golf course with comparable facilities and operated under the same terms and conditions provided is opened and operated by the Athletic Association.

5. The Athletic Association is authorized to sell any land in excess of the 120 acres specified for the golf course, providing that the proceeds of such sale as may be deemed necessary by the Athletic Association may be used to defray the cost of developing the golf course and the excess, if any, may be used by said Association, providing the golf course has been developed, as the Athletic Association may determine.

Mr. Howard desires to retain within this general area approximately eight acres of land which he will deed to an individual as a home site. In the opinion
of officers of the Athletic Association, an area of eight acres in the northeast corner of the present golf course would interfere the least with the development of another golf course since this area is now used as a practice fairway. Title to this property is in the University of Illinois. It is therefore proposed that the University transfer approximately eight acres of land described below to the University of Illinois Athletic Association in consideration for the air rights over the property to be acquired from Mr. Howard, and with the understanding that the Athletic Association will develop on the land it acquires from Mr. Howard an eighteen-hole golf course in use of which some preference will be given to University students and faculty as indicated above.

I concur.

Mr. Williamson reported that this proposal had been considered by the Committee on Buildings and Grounds at a meeting held earlier in the day, and that the Committee voted to recommend approval.

Mr. Williamson offered the following resolution and moved its adoption.

Resolution

Be It and It Hereby Is Resolved by this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, with its principal office in the City of Urbana, in the County of Champaign, and State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name and in behalf of, this public corporation, and under its corporate seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to the Athletic Association of the University of Illinois, a not-for-profit corporation of the State of Illinois, with its principal office in the City of Champaign, in the County of Champaign, and State of Illinois, all right, title, and interest in and to the following described property except that air rights shall be retained for the benefit of this public corporation, its successors and assigns, and the general public at large, for the free, unobstructed passage of aircraft, by whosoever owned or operated, in and through the air space over and across the following described property, Eight Hundred and Nineteen feet (819') Mean Sea Level, and above, [The Northeast end of Northeast-Southwest Runway 22, University of Illinois Airport, is Seven Hundred Forty-Four feet (744') Mean Sea Level elevation and therefore air rights will be retained in the air space over said property which is seventy-five feet or more than seventy-five feet higher than the elevation of the Northeast end of Northeast-Southwest runway 22]; and provided that the Athletic Association of the University of Illinois, Grantee, its successors and assigns, shall be prohibited from constructing, permitting, or suffering to remain upon said lands any obstruction that extends above the heights aforesaid and that Grantee, its successors and assigns shall not hereafter use or permit or suffer use of the following described property in such a manner as to create electrical interference with radio communication between the installation upon the University of Illinois Airport and aircraft or as to make it difficult for fliers to distinguish between airport lights and others, or as to result in glare in the eyes of fliers using the said airport, or as to impair visibility in the vicinity of the airport, or as otherwise to endanger the landing, taking off, or maneuvering of aircraft; to wit:

Beginning at a stone at the Northeast (N.E.) corner of Section Two (2), in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.), thence South 0° 00' W 33.00 feet along the East line of said Section to the true point of beginning; thence South 0° 00' W 845.11 feet along the East line of said Section Two (2); thence North 90° 00' W 150 feet; thence North 31° 05' 15" W 378.49 feet; thence North 00' 00' W 173.00 feet; thence North 00° 00' W 173.00 feet; thence North 42° 14' 20" W 291.59 feet; thence North 1° 02'E 141.68 feet; to a point 33 feet South of the North line of said Section Two (2); thence S 88° 59' 00" E 538.67 feet along a line parallel to the North line of said Section Two (2) to the East line of said Section Two (2), the true point of beginning, situated in the County of Champaign and State of Illinois.
Said conveyance shall be made by said Comptroller and Secretary upon receipt from the Athletic Association of the University of Illinois, of a duly authorized conveyance warranting and conveying to this public corporation, its successors and assigns, for the benefit of this public corporation, its successors and assigns, and the general public at large, an easement and right of way for the free, unobstructed passage of aircraft, by whomsoever owned or operated, in and through the air space over and across the property bounded and described as follows:

The Southeast Quarter (SE ¼) of Section Two (2) in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign, and State of Illinois; provided, however, that the air space in which said easement and right of way is granted shall be that which lies above the following heights:

Seven Hundred Sixty-Seven feet (767') Mean Sea Level elevation and above, over and across the following described tract of land:

The West (W) Twelve Hundred feet (1200') of the North (N) Twelve Hundred feet (1200') of the Southeast Quarter (SE ¼) of Section Two (2) in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, hereinafter referred to as “Tract One;” and Seven Hundred Ninety-Four feet (794') Mean Sea Level elevation and above, over and across the following described tract of land:

The West One-Half (W½) of the Southeast Quarter (SE ¼) of Section Two (2) except the West (W) Twelve Hundred feet (1200') of the North (N) Twelve Hundred feet (1200') of said Section Two (2) all in Township Eighteen North (T 18 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, hereinafter referred to as “Tract Two”; and Eight Hundred Nineteen feet (819') Mean Sea Level elevation and above, over and across the following described tract of land:

The East One-Half (E½) of the Southeast Quarter (SE ¼) of Section Two (2) in Township Eighteen North (T 18 N), Range Eight East (R 8 E), of the Third Principal Meridian (3rd P.M.) in the County of Champaign and State of Illinois, hereinafter referred to as “Tract Three;”

[The Northeast end of Northeast-Southwest Runway 22, University of Illinois Airport, is Seven Hundred Forty-Four feet (744') Mean Sea Level elevation and, therefore, the aforesaid heights are Twenty-Three feet (23') over Tract One, Fifty feet (50') over Tract Two, and Seventy-Five feet (75') over Tract Three, higher than the Northeast end of said runway.] and provided further that said conveyance shall contain covenants that the Athletic Association of the University of Illinois, its successors and assigns, shall not hereafter construct or permit or suffer to remain upon said lands any obstruction that extends above the heights aforesaid; and that the Athletic Association of the University of Illinois, its successors and assigns, shall not hereafter use or permit or suffer use of the above-described lands in such a manner as to create electrical interference with radio communication between the installation upon the University of Illinois Airport and aircraft, or as to make it difficult for fliers to distinguish between airport lights and others, or as to result in glare in the eyes of fliers using the said airport, or as to impair visibility in the vicinity of the airport, or as otherwise to endanger the landing, taking off, or maneuvering of aircraft.

The aforesaid covenants and conditions imposed shall be binding upon the Athletic Association of the University of Illinois, its successors and assigns, and shall run with the lands of the Athletic Association of the University of Illinois, as hereinafore described, for the benefit of this public corporation, and its successors and assigns in the ownership and operation of the aforesaid University of Illinois Airport until said Airport shall be abandoned and shall cease to be used for airport purposes.

The foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr.
Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

SECRETARY'S REPORTS
The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT
(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ARCILLA, RENE A., Clinical Instructor in Pediatrics (Medicine), ten months from November 1, 1958, without salary (10-27-58).

ATTERBURY, ROBERT A., Clinical Assistant Professor of Surgery (Medicine), without salary; and Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), 5/100 time, $350, one year from September 1, 1958, supersedes (10-10-58).


BENFORD, MYRON C., Clinical Associate in Ophthalmology (Medicine) and Director of Clinics and of Admissions in, and Associate Medical Director of, the Research and Educational Hospitals, 3/5 time, one year from September 1, 1958, $10,300, supersedes (10-17-58).

BETZ, RONALD P., Registered Pharmacist in Hospital Pharmacy (Pharmacy), eleven months from October 1, 1958, $5000 a year (10-16-58).

BRUNSWIG, FREDERIC S., Research Associate in Electrical Engineering (S), ten months from November 1, 1958, $7300 a year, supersedes (10-24-58).

BURNSTOCK, NOMI, Research Assistant in Animal Science (S), ten months from September 1, 1958, $4000 (10-31-58).

CAVINS, ELMER W., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Special Duty Physician for one year (Health Service), beginning September 1, 1958, $12,767 a year, supersedes (10-2-58).

CHANAAPRAGADA, MRS. CLAUDE, Assistant Supervisor of Testing (Student Counseling Service), ten months from November 1, 1958, $4000 a year (11-1-58).

CIZEVSKA, TATJANA, Instructor in Russian, academic year beginning September 1, 1958, $5000 a year, supersedes (10-31-58).

CAVINS, CLAUDE, Assistant Supervisor of Testing (Student Counseling Service), ten months from November 1, 1958, $400 a year (11-1-58).

EVERETT, C., Assistant Professor of Hygiene, Medical Adviser, and Special Duty Physician (Health Service), one year from September 1, 1958, $11,667, supersedes (10-2-58).

FANG, Fu, Research Assistant in Electrical Engineering (S), one year from September 1, 1958, $5270 (10-20-58).

FINDER, EARL F., Associate Director of Illini Union, eleven months from October 1, 1958, $9750 a year; for the convenience of the University he will also be furnished one meal a day while on duty (10-15-58).

GRAFFIS, DON W., Assistant in Agronomy (S), eleven months from October 1, 1958, $5000 a year, supersedes (10-31-58).

GRIFFITHS, JOHN D., Clinical Instructor in Surgery (Medicine), 1/4 time, eleven months from October 1, 1958, $1400 a year (10-20-58).

HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), eleven months from October 1, 1958, $10,400 a year, supersedes (10-27-58).
HEDBERG, DONALD D., Instructor in the Physical Sciences (Chicago Undergraduate Division), to render service during the academic year, September 10, 1958-August 31, 1959, $5000 a year (11-3-58).

HINKAMP, JOSEPH F., Clinical Assistant in Surgery (Medicine), eleven months from October 1, 1958, without salary (10-31-58).

HUESING, EDUARD, Physician in the Health Service (Chicago Professional Colleges), 3/10 time, one year from September 1, 1958, $2850 (10-16-58).

HUNT, PATRICIA A., Research Assistant in the Control Systems Laboratory (S), September 17, 1958-August 31, 1959, $4920 a year (10-11-58).

HUNTINGTON, WHITNEY C., Consultant on the Building Program Committee, 13/100 time, nine months from September 16, 1958, $2000 (11-4-58).

IRGENS, BARBARA A., Research Assistant in Chemistry, nine months from September 16, 1958, $3600 (10-21-58).

JANN, KLAUS, Research Associate in Chemistry, one year from January 1, 1959, $5370 (11-4-58).

JOHNSTON, FRANK R., Clinical Instructor in Surgery (Medicine), eleven months from October 1, 1958, without salary (10-17-58).

JONES, C. CLYDE, Associate Professor of Economics on 1/2 time, indefinite tenure, to render service during each academic year, and Assistant Dean of the College of Commerce and Business Administration for one year on "Y" basis, beginning September 1, 1958, $835 a year, superseded (9-25-58).


KINZIE, MARION D., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Assistant Director of Health Services and Special Duty Physician for one year, beginning September 1, 1958, $13,767 a year, superseded (10-2-58).

LAVELLE, FAITH, Research Associate in Anatomy (Medicine), one year from September 1, 1958, without salary (10-16-58).

LAYTON, DONALD D., Instructor in Neurology, Department of Neurology and Neurosurgical Surgery (Medicine), eleven months from October 1, 1958, without salary (11-4-58).

LINDBERG, RICHARD C., Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), 1/2 time, to render service during the first semester of the academic year, September 1, 1958-February 28, 1959, $950 (10-17-58).

MASSON, JAMES M., Executive Officer in the Department of Naval Science, 1/10 time, one year from September 1, 1958, $600 (10-22-58).

MAST, P. EDWARD, Associate Professor of Electrical Engineering (C), eleven months from October 1, 1958, to render service during the academic year, $7800 a year, superseded (10-27-58).

MCLANE, WILLIAM L., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Special Duty Physician for one year (Health Service), beginning September 1, 1958, $12,767 a year, superseded (10-2-58).

MORRISON, GEORGE A., Research Assistant in Chemistry, one year from October 1, 1958, $5000 (10-21-58).

MORTLOCK, ROBERT P., Research Assistant in Bacteriology, October 13, 1958-June 15, 1959, $400 a month (10-20-58).

NICHOLS, CHARLES H., Associate Professor of Hygiene and Medical Adviser on indefinite tenure, and Special Duty Physician for one year (Health Service), beginning September 1, 1958, $12,767 a year, superseded (10-2-58).

NOMURA, MASAYASU, Research Associate in Bacteriology, ten months from November 1, 1958, $7200 a year (10-15-58).
NOTANI, G. W., Research Assistant in Chemistry, four months from September 1, 1958, $375 a month (10-7-58).

Novosek, Dolores T., Assistant in Nursing (School of Nursing), eleven months from October 1, 1958, $4770 a year (10-21-58).


Rao, Tara, Assistant in Animal Science (S), full time, two months from October 1, 1958, $366.66 a month; ½ time for one month from December 1, 1958, $183.33 a month, supersedes (10-24-58).

Rasmussen, Mrs. Lore M., Research Associate in Education (University High School), 3/4 time, nine months from September 16, 1958, $4000 (10-11-58).

Riekstniece, Emilija, Research Assistant in Histology (Dentistry), eleven months from October 1, 1958, $5000 a year (10-21-58).

Samp, Bernard A., Assistant Professor of Hygiene, Medical Adviser, and Special Duty Physician (Health Service), one year from September 1, 1958, $11,567, supersedes (10-1-58).


Scober, Hugo, Lecturer in Mechanical Engineering (C), eight months from October 16, 1958, $611.11 a month (10-15-58).

Sen, Arun K., Assistant Professor of Anesthesiology, Department of Surgery (Medicine), 65/100 time, ten months from November 1, 1958, $4500 a year, supersedes (10-27-58).

Shuster, Charles W., Research Associate in Chemistry, four months from September 1, 1958, $447.50 a month (10-21-58).

Stewart, Mrs. Mary E., Research Assistant in Psychiatry (Medicine), October 6, 1958-August 31, 1959, $5400 a year (10-27-58).

Tobinaga, Seisyo, Research Associate in Chemistry, one year from September 1, 1958, $3700 (10-12-58).

Tort, Fredina J. C., Instructor in Foreign Languages (Chicago Undergraduate Division), full time, four months from November 1, 1958, $5400 a year, and ½ time, six months from March 1, 1959, $2700 a year, to render service during the academic year, supersedes (11-3-58).

Vadopala, Patricia J., Instructor in Occupational Therapy (Medicine), eleven months from October 1, 1958, $3700 a year (10-17-58).

Van Dam, Gerrit C., Research Assistant in Dairy Science (S), October 8, 1958-August 31, 1959, $4200 a year (10-24-58).

Venema, William, Jr., Instructor in Operative Dentistry (Dentistry), 3/4 time, eleven months from October 1, 1958, $2400 a year (10-14-58).

Verdeyen, Joseph T., Instructor in Electrical Engineering (C), one year from September 1, 1958, $7090, supersedes (10-20-58).

Wallace, Karl R., Professor of Speech and Head of the Department, indefinite tenure beginning September 1, 1958, $15,000 (10-26-58).


Ware, Edward E., Research Associate in the Institute of Communications Research, eleven months from October 1, 1958, $7000 a year, supersedes (10-15-58).

Watts, Donald, Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1958, without salary (10-27-58).

Weeks, Walter L., Associate Professor of Electrical Engineering (C), eleven months from October 1, 1958, to render service during the academic year, $8500 a year, supersedes (10-27-58).

Weston, P. E., Research Assistant in Physics (C), September 22, 1958-August 31, 1959, $6000 a year (10-31-58).

Weston, Patricia G., Research Assistant in Chemistry, five months from September 1, 1958, $400 a month (10-21-58).

Whitcomb, Robert F., Research Assistant in Botany, eleven months from October 1, 1958, $4400 a year, supersedes (10-21-58).

Wilcox, Alfred L., Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), 3/4 time, to render service during the first semester of the academic year, six months from September 1, 1958, $500 (10-20-58).
WILSON, PAUL E., Instructor in Theoretical and Applied Mechanics (C), 1/2 time, February 1-June 15, 1959, $1250 (11-6-58).
ZAMBITO, RAYMOND P., Assistant in Oral Surgery, Department of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1958, without salary (10-11-58).

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

ANSARI, NAZIRA., Fellow in Management, February 1-June 15, 1959, $750, superseded (10-8-58).
BODE, VERNON C., Research Corporation Fellow in Biochemistry, nine months from September 16, 1958, $1800 (10-27-58).
BRAKE, JON M., Chas. Pfizer and Company Fellow in Biochemistry, nine months from September 16, 1958, $1800 (10-20-58).
GERSON, STANLEY J., United States Public Health Service Fellow (Trainee) in Dentistry, one year from September 15, 1958, $345.83 a month (10-24-58).
MARSHALL, F. JAMES, United States Public Health Service Fellow (Trainee) in Dentistry, eight months from October 14, 1958, $462.50 a month (10-24-58).
SALVO, CARMEN G., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1958, $1600 (10-16-58).
YANO, NOBIMITSU, American Dairy Association Fellow in Food Technology, nine months from September 16, 1958, $1500 (10-27-58).

RESIGNATIONS AND DECLINATIONS

ADLER, SELMA, Fellow in Anthropology — resignation effective February 1, 1959.
BAHNFLETH, DONALD R., Research Assistant Professor of Mechanical Engineering — resignation effective January 1, 1959.
DIAMOND, MRS. ANITA, Assistant Supervisor of Testing in the Student Counseling Service — resignation effective November 1, 1958.
FISHERMAN, ELMER W., Clinical Instructor in Medicine (Medicine) — resignation effective October 1, 1958.
GLAYSHER, GORDON A., Instructor in Operative Dentistry (Dentistry) — resignation effective September 1, 1958.
GORDON, ARCHER S., Research Associate in Clinical Science (Medicine) — resignation effective November 1, 1958.
HART, MARJORIE B., Resident Assistant, Allen Hall — declination effective August 10, 1958.
HUG, CARL, Fellow in the Chicago Professional Colleges — declination effective September 1, 1958.
Jach, Edwin T., Research Assistant in the Aeromedical and Physical Environment Laboratory — resignation effective October 1, 1958.

Jaunzemis, Majia B., Apprentice Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective November 22, 1958.

Lakin, Martin, Clinical Instructor in Psychology (Medicine) — resignation effective October 16, 1958.

Lipke, Herbert, Research Associate in Entomology — resignation effective October 16, 1958.

May, Percy C., Jr., United States Public Health Service part-time Medical Student Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective November 1, 1958.

Mengelkoch, Robert F., Research Associate in Psychology — resignation effective September 1, 1958.

Nachizadeh, Jamshid N., Research Assistant in Medicine (Medicine) — resignation effective October 1, 1958.

Palmer, Wilfred, Research Associate in Physics — resignation effective August 1, 1958.

Pollak, Victor E., Research Associate in Medicine (Medicine) — resignation effective October 1, 1958.


Scharff, Raymond, Fellow in the Chicago Professional Colleges — declination effective September 1, 1958.

Simmel, Marianne, Clinical Associate Professor of Psychology (Medicine) — resignation effective November 16, 1958.


LEAVES OF ABSENCE

Audrieth, Ludwig F., Professor of Inorganic Chemistry — leave of absence, without salary, for two years from September 1, 1959, so that he may serve as scientific adviser to the American Ambassador to the West German Republic at Bonn, Germany.

Brimhall, Pauline N., Assistant Professor of Health Education (Home Economics) (E) — sabbatical leave of absence changed from full year beginning September 1, 1958, on one-half pay, to six months from February 1, 1959, on full pay.

ILLINOIS COMMISSION OF HIGHER EDUCATION

President Henry reported that the Illinois Commission of Higher Education has requested the state universities to appoint staff representatives to serve on a Committee on Joint Studies, and representatives of their governing boards to serve on a Liaison Committee.

Dr. Royden Dangerfield, Associate Provost and Dean of Administration, has been designated to serve on the former Committee. President Park Livingston has been serving as delegate, and Mrs. Frances B. Watkins as alternate delegate, at meetings of the commission, and President Henry requested that they be designated as representatives on the Liaison Committee.

It was the consensus of the Board that these assignments would be appropriate.

On motion of Mr. Bissell the Board adjourned.
The December meeting of the Board of Trustees of the University of Illinois was held in the Directors' Room of the First National Bank of Chicago, Chicago, Illinois, on Wednesday, December 17, 1958, beginning at 11:30 a.m.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton and Mr. Timothy W. Swain were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Vernon L. Kretschmer, Director of Housing, Mr. C. E. Flynn, Director of Public Information, and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. WILLIAM H. COWLEY, George A. Miller Visiting Professor of Education, four and one-half months from February 1, 1959, at a salary of $5,500 (G).

2. JEFFREY C. P. MILLER, Visiting Professor, Digital Computer Laboratory, Graduate College, four and one-half months from September 16, 1959, at a salary of $5,500 (G).

3. KAZUHIKO NISHIJIMA, Professor of Physics, one year from September 1, 1959, at a salary of $12,500 (D).

4. FRANK H. T. RHODES, Visiting Professor of Geology, first semester of 1959-60, at a salary of $6,000 (G).

5. FRANK R. SHROFF, Visiting Associate Professor of Oral Pathology, College of Dentistry, eleven months from February 1, 1959, at a salary of $7,700 for the period (G).

On motion of Mr. Johnston, these appointments were confirmed.

HEADSHIP OF DEPARTMENT OF CHEMISTRY
IN COLLEGE OF PHARMACY

(2) The Dean of the College of Pharmacy and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. James E. Garien, presently Associate Professor of Chemistry, as Professor of Chemistry on indefinite tenure and Head of the Department of Chemistry in the College of Pharmacy beginning January 1, 1959, at a salary of $12,000 a year on "Y" basis.

The Board of Trustees has authorized the reorganization of the College of Pharmacy, previously not departmentalized, into four departments: Pharmacy, Chemistry, Pharmacognosy and Pharmacology, and Pharmaceutical Administration. The appointment of Dr. Garien will fill the vacancy in the new Department of Chemistry.

This appointment was recommended by a search committee, members of the Department of professorial rank have been consulted, and the Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

RESOLUTION AUTHORIZING HOUSING REVENUE BONDS

Mr. Herrick presented the following resolution:

A RESOLUTION authorizing and providing for the issuance of revenue bonds for the purpose of paying the cost of acquiring, constructing, equipping, enlarging, or improving student residence halls, apartments, staff housing facilities, dormitories and related facilities by the Board of Trustees of the University of Illinois, setting forth the terms under which such revenue bonds are to be issued, providing for the rights of the holders thereof, and providing for the acquisition, construction and equipment of such facilities, and the management, maintenance, improvement, and operation thereof.

WHEREAS, The Board of Trustees of the University of Illinois on due consideration and investigation does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to construct and equip additional buildings and related facilities and to enlarge or improve existing facilities from time to time for the purpose of housing students and staff; and

WHEREAS, In order to provide such facilities it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto; and
WHEREAS, For the purpose of issuing and selling said revenue bonds on the most advantageous basis, it is necessary that the same be secured by a pledge of the revenues of any and all such facilities of the University of Illinois, as hereinafter defined;

Note, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE
Definitions

Unless the context otherwise requires, the terms defined in this Article One shall for all purposes of this Resolution and of any resolution supplemental hereto, have the meanings herein specified, the following definitions to be equally applicable both to the singular and plural forms of any of the terms herein defined:

The term "Authorized Officer" shall mean the President, any Vice-President, the Secretary, any Assistant Secretary, the Treasurer or the Comptroller of the Board of Trustees, or any other person authorized by resolution of the Board of Trustees, to perform the act or sign the document in question.

The term "Board of Trustees" and the term "University" shall mean The Board of Trustees of the University of Illinois, a body corporate, created and established under the laws of the State of Illinois.

The term "Bond Counsel" shall mean counsel chosen by the University and satisfactory to the Trustee who is an attorney or firm of attorneys whose opinions as to the legality of municipal bonds or public securities issued by the State of Illinois, or agencies, institutions or political subdivisions thereof, are generally acceptable to purchasers of such securities.

The term "Bonds" shall mean and include any and all bonds of all series, issued under this Resolution.

The term "certified copy of a resolution" shall mean a copy of a resolution certified by the Secretary of the Board of Trustees to have been, by the requisite majority of the Board of Trustees, duly passed and adopted at a meeting thereof duly called and convened.

The term "Comptroller" shall mean the Comptroller of the University or such other person as may at the time be the acting chief fiscal officer of the University.

The term "facilities" shall mean all facilities financed pursuant to this Resolution, the cost of which is paid in whole or in part through the issuance of Bonds and the existing facilities mentioned in Section 5.01 from and after the date of payment in full of the currently outstanding obligations originally issued to finance the cost of construction thereof.

The term "fiscal year" shall mean the twelve month accounting period established by the University for its academic operations, which currently is the period from July 1 through the following June 30.

The term "Net Income Available for Debt Service" shall mean at any date as of which the amount thereof is to be determined the sum of

(a) The average net income for the two preceding fiscal years of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding two fiscal years; plus

(b) The net income during the preceding fiscal year of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding fiscal year but not during all of the two preceding fiscal years; plus

(c) The estimated annual net income of all revenue producing facilities for the account of which Bonds have been authenticated and delivered but which are under construction or for which a full fiscal year's operating experience is not available; plus

(d) The estimated annual net income of revenue producing facilities not then completed, the cost of which is to be financed through the proceeds of the sale of additional Bonds at the time proposed to be issued; plus

(e) The maximum dollar amount of student tuitions pledged or to be pledged to supplement the revenues of the facilities for the payment of all Bonds then outstanding and then to be issued; plus

(f) The income during the preceding fiscal year from investments of funds in the Bond and Interest Sinking Fund.
With respect to housing facilities, the computation of estimates provided for in this definition shall be based on an assumed occupancy of not more than 95% of the housing facilities in question. All computations of Net Income Available for Debt Service shall be made by the Comptroller of the University, who shall certify thereto, and whose certificate shall be accompanied by a certificate signed by an independent public accountant or firm of independent public accountants (which accountant's certificate may state that it is made in reliance on information supplied by the University and that they have made no independent examination of the books and records of the University in connection therewith) stating that they know of no reason why such computation is incorrect. Net income for the purposes of this definition shall be determined by deducting from the gross revenues or estimated gross revenues for the period in question, all operating expenses or estimated operating expenses for such period.

The term "operating expenses" shall mean and include all reasonable expenses of operation and maintenance of the facilities, including without limiting the generality of the foregoing, salaries, wages, cost of materials, supplies, insurance, light, heat, power and reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefor), taxes (if any), fees and expenses of the Trustee and paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, capital replacements and improvements and all general administrative expenses of the University.

The term "owner" or "holder" whenever employed herein with respect to a Bond which shall be registered as to principal or fully registered without coupons shall mean the person, firm or agency in whose name such Bond shall be registered and, whenever employed herein with respect to a coupon Bond which shall not be registered as to principal or a coupon, shall mean the bearer of such Bond or coupon.

The term "Resolution" shall mean this Resolution as originally adopted or as it may from time to time be supplemented, modified or amended by any resolution supplemental hereto, pursuant to the provisions hereof.

The term "student tuitions" shall mean only the general student tuition charges of the University and shall not include special student fees, service charges or funds derived from any other sources.

The term "Trustee" shall mean The First National Bank of Chicago or its successor for the time being as Trustee hereunder.

The term "University Counsel" shall mean the attorney or firm of attorneys from time to time designated by the Board of Trustees.

ARTICLE TWO

AUTHORIZATION, DESIGNATION, FORM, EXECUTION, AUTHENTICATION, EXCHANGE, AND REGISTRATION OF BONDS

SECTION 2.01. Limitation of Issue and Equality of Bonds. This resolution shall constitute a continuing agreement to secure the full and final payment in the manner herein provided for the principal and interest on all Bonds which may from time to time be authenticated, delivered and issued hereunder. The aggregate principal amount of Bonds which may be so authenticated, delivered and issued hereunder is not limited except as restricted by law or by the provisions hereof. All Bonds at any time issued and outstanding hereunder, regardless of series, shall be equally and ratably secured hereby without preference, priority or distinction.

SECTION 2.02. Initial Project and Purpose of Initial Issue of Bonds. The initial project (hereinafter designated "Project A") to be acquired, constructed, equipped, and completed hereunder is described in a general way as:

1. One story Central Food Stores Building (for the purpose of servicing all University residence halls) to be located south of Stadium Drive and east of the Illinois Central Railroad in Champaign, Illinois;
2. One story Snack Bar and Service Building (containing facilities for mail distribution and personal services for all University men's residence halls in the immediate area) to be located at Euclid and Gregory Drive in Champaign, Illinois; and
3. Apartments for 120 married students, to be located east of Orchard Street and south of Florida Avenue in Urbana, Illinois.
UNIVERSITY OF ILLINOIS

The estimated cost of said Project A is $3,150,000 exclusive of land and exclusive of any pro rata part of the University power and heating plant serving the project and the estimated cost of each portion of said Project A is more fully set forth in the plans and specifications therefor on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip Project A, that the University borrow the sum of Three Million One Hundred Fifty Thousand Dollars ($3,150,000), and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.03. Terms of Series A Bonds and Series B Bonds. The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and purport hereinafter set forth and shall be limited to the aggregate principal amount of Three Million One Hundred Fifty Thousand Dollars ($3,150,000) at any one time outstanding, One Million Six Hundred Twenty-Five Thousand Dollars ($1,625,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A" (hereinafter called "Series A Bonds"), and the remaining One Million Five Hundred Twenty-Five Thousand Dollars ($1,525,000) principal amount thereof shall be designated "The Board of Trustees of The University of Illinois Housing Revenue Bonds of 1958, Series B" (hereinafter called "Series B Bonds").

The Series A Bonds and the Series B Bonds shall be issued as negotiable coupon bonds dated October 1, 1958, registrable as to principal in the denomination of $1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to April 1, 1959, in which case they shall be dated October 1, 1958. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons, shall be numbered in such manner satisfactory to the Trustee as may be designated by the Comptroller and shall be issued in denominations of $1,000 or multiples thereof, shall bear interest from October 1, 1958, payable semi-annually on the first days of April and October in each year until paid, commencing April 1, 1959, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

<table>
<thead>
<tr>
<th>Year of Maturity</th>
<th>Series A Bonds</th>
<th>Series B Bonds</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Amount</td>
<td>Interest Rate</td>
</tr>
<tr>
<td>1960</td>
<td>$15,000</td>
<td>10%</td>
</tr>
<tr>
<td>1961</td>
<td>20,000</td>
<td>10%</td>
</tr>
<tr>
<td>1962</td>
<td>20,000</td>
<td>10%</td>
</tr>
<tr>
<td>1963</td>
<td>20,000</td>
<td>10%</td>
</tr>
<tr>
<td>1964</td>
<td>25,000</td>
<td>10%</td>
</tr>
<tr>
<td>1965</td>
<td>25,000</td>
<td>10%</td>
</tr>
<tr>
<td>1966</td>
<td>25,000</td>
<td>10%</td>
</tr>
<tr>
<td>1967</td>
<td>30,000</td>
<td>5%</td>
</tr>
<tr>
<td>1968</td>
<td>35,000</td>
<td>3.5%</td>
</tr>
<tr>
<td>1969</td>
<td>35,000</td>
<td>3.5%</td>
</tr>
<tr>
<td>1970</td>
<td>35,000</td>
<td>3.5%</td>
</tr>
<tr>
<td>1971</td>
<td>40,000</td>
<td>3.5%</td>
</tr>
<tr>
<td>1972</td>
<td>40,000</td>
<td>3.7%</td>
</tr>
<tr>
<td>1973</td>
<td>40,000</td>
<td>3.7%</td>
</tr>
<tr>
<td>1974</td>
<td>40,000</td>
<td>3.7%</td>
</tr>
<tr>
<td>1975</td>
<td>45,000</td>
<td>3.7%</td>
</tr>
<tr>
<td>1976</td>
<td>45,000</td>
<td>3.8%</td>
</tr>
<tr>
<td>1977</td>
<td>45,000</td>
<td>3.8%</td>
</tr>
<tr>
<td>1978</td>
<td>50,000</td>
<td>3.8%</td>
</tr>
<tr>
<td>1979</td>
<td>50,000</td>
<td>3.8%</td>
</tr>
<tr>
<td>1980</td>
<td>50,000</td>
<td>3.9%</td>
</tr>
<tr>
<td>1981</td>
<td>55,000</td>
<td>3.9%</td>
</tr>
<tr>
<td>1982</td>
<td>55,000</td>
<td>3.9%</td>
</tr>
<tr>
<td>1983</td>
<td>60,000</td>
<td>3.9%</td>
</tr>
<tr>
<td>1984</td>
<td>60,000</td>
<td>4%</td>
</tr>
<tr>
<td>1985</td>
<td>65,000</td>
<td>4%</td>
</tr>
<tr>
<td>1986</td>
<td>65,000</td>
<td>4%</td>
</tr>
<tr>
<td>Year of Maturity</td>
<td>Series A Bonds</td>
<td>Series B Bonds</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------</td>
<td>---------------</td>
</tr>
<tr>
<td></td>
<td>Amount</td>
<td>Interest Rate</td>
</tr>
<tr>
<td>1987</td>
<td>$70,000</td>
<td>4%</td>
</tr>
<tr>
<td>1988</td>
<td>70,000</td>
<td>4.1%</td>
</tr>
<tr>
<td>1989</td>
<td>75,000</td>
<td>4.1%</td>
</tr>
<tr>
<td>1990</td>
<td>75,000</td>
<td>4.1%</td>
</tr>
<tr>
<td>1991</td>
<td>80,000</td>
<td>4.1%</td>
</tr>
<tr>
<td>1992</td>
<td>80,000</td>
<td>4.1%</td>
</tr>
<tr>
<td>1993</td>
<td>85,000</td>
<td>1%</td>
</tr>
<tr>
<td></td>
<td>$1,625,000</td>
<td></td>
</tr>
</tbody>
</table>

The Series A Bonds and the Series B Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on October 1, 1968, or on any interest payment date thereafter in the inverse order in which they mature at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<table>
<thead>
<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1, 1968 through April 1, 1973</td>
<td>3%</td>
</tr>
<tr>
<td>October 1, 1973 through April 1, 1978</td>
<td>2 1/2%</td>
</tr>
<tr>
<td>October 1, 1978 through April 1, 1983</td>
<td>2%</td>
</tr>
<tr>
<td>October 1, 1983 through April 1, 1988</td>
<td>1 1/2%</td>
</tr>
<tr>
<td>October 1, 1988 or thereafter and prior to maturity</td>
<td>1%</td>
</tr>
</tbody>
</table>

All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three hereof.

SECTION 2.04. Payment of Principal and Interest. Both the principal of and the interest on the Series A and Series B Bonds shall be payable in any coin or currency which on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, or its successor, in the City of Chicago, Illinois, or, at the option of holders at The Chase Manhattan Bank, or its successor, in the Borough of Manhattan and City and State of New York.

SECTION 2.05. Form of Bonds. The definitive coupon Bonds of Series A and Series B, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of Series A and Series B, the form of registration endorsement to appear on all coupon Bonds, the certificate of authentication of the Trustee to appear on all Bonds and the form of assignment to appear on the fully registered Bonds shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in series, number, interest rate, maturity and like matters:

(From of Coupon Bond)

UNITED STATES OF AMERICA
STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
HOUSING REVENUE BOND OF 1958
(Series.............)

Number................................. $1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS ($1,000), on October 1, 19............, and to pay interest on said sum from the date hereof until paid at the rate of .................. per cent (............ %) per annum, payable April 1, 1959, and semi-annually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior
to the maturity date hereof shall be payable on presentation and surrender of the
interest coupons hereto attached as they subsequently become due, but no interest
shall accrue on this bond after the maturity hereof unless this bond shall be
presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any
coin or currency which, on the respective dates of payment of such principal and
interest, is legal tender for the payment of debts due the United States of America,
at The First National Bank of Chicago (hereinafter called "Trustee"), or its
successor in trust under the Resolution hereinafter referred to, in the City of
Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank,
in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized issue of ........................................ Dollars
($..........................) principal amount of Housing Revenue Bonds of 1958, Series
............., which, with the Series ............ Bonds constitute an initial issue of Three
Million One Hundred Fifty Thousand Dollars ($3,150,000), issued and to be
issued pursuant to a Bond Resolution (herein called "Resolution") of The Board
of Trustees of the University of Illinois duly adopted .................................., 1958, for the purpose of providing funds for paying the cost of constructing and
equipping student and staff housing and related facilities. Said Resolution, among
other things, provides for the issuance of additional bonds pursuant thereto in the
manner and upon the terms and conditions more fully set forth therein.

The bonds of this series are redeemable prior to maturity, as a whole or in
part on October 1, 1968, or on any interest payment date thereafter in the inverse
order in which they mature, at the option of The Board of Trustees of the Univer-
sity of Illinois at par and accrued interest to the date of redemption, and a
premium as follows: Three per cent (3%) of the principal amount thereof if
redeemed October 1, 1968, through April 1, 1973; Two and one-half per cent
(2½%) of the principal amount thereof if redeemed October 1, 1973, through
April 1, 1978; Two per cent (2%) of the principal amount thereof if redeemed
October 1, 1978, through April 1, 1983; One and one-half per cent (1½%) of the
principal amount thereof if redeemed on October 1, 1983, through April 1, 1988;
and One per cent (1%) of the principal amount thereof if redeemed on October
1, 1988 or thereafter and prior to maturity.

Notice of redemption of any or all of said bonds shall be published once a
week for two successive calendar weeks, the first such publication to be not less
than thirty days prior to the date of redemption, such publication to be made in
one daily newspaper published and of general circulation in the City of Chicago
and also in a financial newspaper published and of general circulation in the Bor-
ough of Manhattan, City and State of New York, and when this bond or any of
the bonds of such authorized issue shall have been duly called for redemption,
interest thereon shall cease from and after the specified redemption date if redep-
mption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority
of The Board of Trustees of the University of Illinois to issue and sell revenue
bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the
Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental
thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues
required to be credited to the Housing Revenue Bond Fund as provided in the
Resolution; which revenues are to be derived from (1) the operation of the
Revenue producing facilities constructed, completed, and equipped with the pro-
ceed of this bond issue and additional bonds which may hereafter be issued pur-
suant to the Resolution, (2) student tuitions authorized by law to be retained in
the University treasury, but not in excess of $115,000 annually plus such additional
sums as may be specified in any supplemental resolution creating or authorizing
additional bonds to be issued pursuant to the Resolution as so supplemented, and
(3) certain existing revenue producing buildings of the University after the prior
payment of other indebtedness to the extent set forth in the Resolution. This
bond and the series of which it forms a part do not constitute an indebtedness of
said University of Illinois, The Board of Trustees of the University of Illinois,
or the State of Illinois within any constitutional or statutory limitation, and
neither the taxing power nor the general credit of said University, of said Board
of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Trustee in Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defects or enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, the Trustee, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (662/3%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain
and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of October, 1958.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest: ..........................................................  By: .......................................................... 

Secretary                                         President

Member                                             Member

(Form of Interest Coupon)

Number..................................................  $...........................................

On the first day of .............................................., 19........ (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of .................................................. Dollars ($...........................................) in any coin or currency which, on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York, as provided in the Housing Revenue Bond of 1958, Series........................, dated .............................................., 1958, Number ............................................

Secretary                                         President

(Form for Registration of Coupon Bond)

<table>
<thead>
<tr>
<th>Date of Registration</th>
<th>Name of Registered Owner</th>
<th>Signature of Registrar</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
HOUSING REVENUE BOND OF 1958
(Series .........)

No. ........................................ $............................... .......

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Housing Revenue Bond Fund as hereinafter provided for, and not otherwise) to ........................................., or registered assigns, on October 1, 19........... the principal sum of .................................. Dollars ($............................... .......) and to pay interest thereon which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the Trustee hereinafter mentioned as Bond Registrar, at the rate of .................................. per cent (............. %) per annum, payable April 1, 1959, and semi-annually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized issue of ......................................... principal amount of Housing Revenue Bonds of 1958, Series............., which with the Series .......... Bonds constitute an initial issue of Three Million One Hundred Fifty Thousand Dollars ($3,150,000), issued and to be issued pursuant to a Bond Resolution (herein called "Resolution") of The Board of Trustees of the University of Illinois duly adopted .............................................., 1958, for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this series are redeemable prior to maturity as a whole or in part on October 1, 1968, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: Three per cent (3%) of the principal amount thereof if redeemed October 1, 1968, through April 1, 1973; Two and one-half per cent (2½%) of the principal amount thereof if redeemed October 1, 1973, through April 1, 1978; Two per cent (2%) of the principal amount thereof if redeemed October 1, 1978, through April 1, 1983; One and one-half per cent (1½%) of the principal amount thereof if redeemed on October 1, 1983, through April 1, 1988; and One per cent (1%) of the principal amount thereof if redeemed on October 1, 1988 or thereafter and prior to maturity.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper of general circulation published in the English language in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the
Resolution, which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of $115,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Trustee in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution, upon payment of the transfer charges therefor by the transferee. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66 2/3%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such
revenues, until all of such bonds have been paid in full, both as to principal and
interest.

It is hereby certified and recited and declared that all acts, conditions, and
things required to exist, to happen, and to be performed, precedent to and in the
issuance of this bond, have existed, have happened, and have been performed in
due form, time, and manner, as required by law and the applicable resolutions of
The Board of Trustees of the University of Illinois, and that provision has been
made for setting aside the income and revenue to be derived from the operation
of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of
Illinois has caused this bond to be executed by the facsimile signature of its
President and signed by two of its members, the corporate seal of the University
of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon),
and attested by its Secretary, and this bond to be dated as of the 1st day of

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

Attest:............................................................

Secretary

By.............................................................

President

Member

Member

(Certificate of Authentication)

This is one of the bonds of the Series designated therein and described in the
within mentioned Resolution of the Board of Trustees of the University of
Illinois.

THE FIRST NATIONAL BANK OF CHICAGO,
TRUSTEE

By.............................................................

Authorized Officer

(Form of Assignment of Registered Bonds Without Coupons)

For Value Received .................................................................

hereby sell, assign and transfer unto.................................................................

the within mentioned bond and hereby irrevocably constitute and appoint

............................................................., attorney to transfer the

same on the books of Registration in the office of the Trustee, as Bond Registrar,
in the City of Chicago, Illinois, with full power of substitution in the premises.

Dated:.............................................................

Witness:.............................................................

NOTE: The signature to this Assignment must correspond with the name as
written on the face of the within bond in every particular, without
alteration or enlargement or any change whatsoever except where the
registered owner is a governmental agency in which case it may be
executed in the name of any successor.

SECTION 2.06. Bonds of Additional Series. Subject to the conditions and
limitations set forth in Article Four hereof and provided that the University shall
not at the time be in default under any of the terms, covenants or provisions of
this Resolution, additional Bonds of equal rank with the Series A Bonds and
Series B Bonds may be issued from time to time under this Resolution having
such maturities, providing for the payment of such rates of interest and having
such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; provided, however, that each issue of additional Bonds, when so issued, shall be differentiated from all previous issues by appropriate designation inscribed thereon. In authenticating any such additional Bonds permitted to be issued hereunder the Trustee shall be protected in relying on a certificate of the Comptroller or Treasurer of the Board of Trustees to the effect that the University is not in default under any of the terms, covenants or conditions of this Resolution as then amended and supplemented, that all conditions precedent to the issuance of additional Bonds have been complied with and the University is entitled to issue such additional Bonds hereunder.

SECTION 2.07. Execution and Authentication of Bonds. All of the Bonds shall be signed by the President and any two members of the Board of Trustees and shall have the seal of the University affixed thereto (or a facsimile seal or signatures as permitted by law may be imprinted, engraved or otherwise be produced thereon) and shall be attested by the Secretary of the Board of Trustees, the coupons to be attached to the Bonds shall bear the facsimile signatures of the President and Secretary of the Board of Trustees.

In executing such Bonds as shall bear thereon a certificate of authentication substantially in the form hereinabove recited, executed by the Trustee shall be entitled to any right or benefit under this Resolution. Such authentication by the Trustee upon any such Bond shall be conclusive evidence and the only evidence that the Bond so authenticated has been duly issued hereunder and such authentication shall be deemed to have been duly executed if signed by an authorized officer of the Trustee but it shall not be necessary that the same officer sign the certificate of authentication on all of the Bonds that may be issued hereunder at any one time.

In case any person who shall have signed, sealed or attested any Bond issuable under this Resolution as an officer or member of the Board of Trustees, shall have ceased to be such officer or member before the Bond so signed, sealed or attested shall have been actually authenticated and delivered by the Trustee, such Bond nevertheless may be authenticated, delivered and issued as though the person who signed, sealed or attested such Bond had not ceased to be such officer or member of the Board of Trustees.

Any Bond issuable hereunder may be signed, sealed or attested on behalf of the Board of Trustees by any person who at the actual date of execution or authentication of such Bond is the proper person, although at the date of such Bond such person shall not have been an officer or member of the Board of Trustees. Before authenticating any coupon Bonds the Trustee shall cut off, cancel and cremate all matured coupons thereon unless issued in exchange for a registered Bond without coupons, in which case only such coupons as shall have matured on or prior to the last interest payment date on which interest shall have been paid on such registered Bond, shall be so cut off, cancelled and cremated. The Trustee shall deliver to the University a certificate of cremation thereof.

SECTION 2.08. Registration and Transfer of Bonds. The University shall keep at the principal office of the Trustee books for the registration and transfer of Bonds issued hereunder, which, at all reasonable times, shall be open for inspection by the holder of any Bond issued hereunder, and upon presentation for the purpose at such office, the University will register or transfer or cause to be registered or transferred therein, as hereinafter provided, and under such reasonable regulations as it may prescribe, any Bonds issued under this Resolution and entitled to be so registered or transferred. The Trustee shall act as registrar in effecting all registrations on the books kept at its office.

The holder of any coupon Bond issued hereunder may have the ownership of the principal thereof registered on said books of the University at the office of the Trustee and such registration shall be noted on the Bond. After such registration no transfer shall be valid unless made on the said books by the registered owner in person, or by his duly authorized attorney, and similarly noted on the Bond; but the same may be discharged from registration by being in like manner transferred to bearer, and thereupon transferability by delivery shall be restored; and such Bond may again, from time to time, be registered or transferred to bearer as before. Such registration, however, shall not affect the transferability of the coupons, but every such coupon shall continue to be transferable by delivery merely, and shall remain payable to bearer. Such registrations and discharges from registration shall be without expense to the holder of the Bonds.
Any registered Bond without coupons may be transferred at the office of the
Trustee by surrender of such Bond for cancellation, accompanied by delivery of a
written instrument of transfer in form approved by the Trustee, duly executed by
the registered owner of such Bond or his duly authorized attorney, and thereupon
the University shall issue in the name of the transferee or transferees a new
registered Bond or Bonds of like form and maturity and for a like aggregate
principal sum, and the Trustee shall authenticate and deliver the same.

A registered Bond without coupons, upon request of the registered owner,
may be exchanged at the office of the Trustee for several such Bonds, of like form
and maturity but of lesser authorized denominations, in the same name and for a
like aggregate principal sum, and several registered Bonds without coupons, in the
same name, may, upon request of the registered owner, be exchanged at such office
or agency for one registered Bond without coupons or several such Bonds, of like
form and maturity, but of greater authorized denominations and for the same
aggregate principal sum.

Whenever any coupon Bonds in aggregate principal amount equal to one or
more registered Bonds without coupons of authorized denominations, with all
unmatured coupons thereto attached, shall be surrendered at such office for ex-
change for a registered Bond or Bonds without coupons, the University shall issue,
and the Trustee shall authenticate, and, in exchange for such coupon Bonds, shall
deliver registered Bonds, or one registered Bond, of authorized denominations
without coupons, of the same maturity and for a like aggregate principal sum.

Whenever any registered Bond without coupons shall be surrendered for
cancellation, accompanied by delivery of a written instrument of transfer in a
form approved by the Trustee, duly executed by the registered owner of such
Bond or his duly authorized attorney, at the office of the Trustee, for exchange
for coupon Bonds, the University shall issue, and the Trustee shall authenticate,
and, in exchange for such registered Bond, shall deliver coupon Bonds for a like
aggregate principal sum and like maturity, with coupons thereto attached repre-
senting interest from the interest payment date on which interest was last paid on
such registered Bond without coupons.

As to all registered Bonds without coupons and all coupon Bonds registered
as to principal, the person in whose name the same shall be registered shall be
deemed and regarded as the owner thereof, for all purposes, and thereafter pay-
ment of or on account of the principal of such Bond, if it be a registered coupon
Bond, and of the principal and interest, if it be a registered Bond without coupons,
shall be made only to such registered owner thereof but such registration may be
changed as above provided. All such payments shall be valid and effectual to
satisfy and discharge the liability upon such Bonds to the extent of the sum or
sums so paid. The University and the Trustee may deem and treat the bearer of
any coupon Bond which shall not at the time be registered as to principal, and the
bearer of any coupon for interest on such Bond, whether such Bond shall be
registered or not, as the absolute owner of such Bond or coupon for the purpose
of receiving payment thereof, and for all other purposes whatsoever, and the
University and the Trustee shall not be affected by any notice to the contrary
whether the Bond or coupon be overdue or not.

In every case of exchange or transfer of Bonds under this Section, the
surrendered Bond or Bonds shall be presented to the Trustee for cancellation, and
the Trustee shall cancel and cremate all such Bonds in coupon form together with
all unmatured coupons which are not registered as to principal and deliver a
certificate thereof to the University, and shall cancel all such Bonds either in
fully registered form or in coupon form and registered as to principal.

Upon every such exchange of coupon Bonds for registered Bonds without
coupons, or of registered Bonds without coupons for coupon Bonds or for other
registered Bonds without coupons, and upon any transfer of registered Bonds
without coupons, the University, except as otherwise provided in any agreement
between the University and any original purchaser of Bonds, may require the
payment of such charge therefor as it may deem proper, not exceeding Two dollars
($2.00) plus the fees and expenses of the Trustee in connection therewith for
each Bond issued upon such exchange, payment of which, together with any taxes
or other governmental charges required to be paid with respect to such exchange
or transfer, shall be made by the party requesting such exchange or transfer as a
condition precedent thereto.

The University shall not be required to make exchanges or transfers of bonds
as provided in this Section 2.07 during a period of ten (10) days next preceding any interest payment date, or for the period of ten (10) days next preceding the first publication of notice of redemption of any Bond or at any time of any Bonds which have theretofore been duly called for redemption.

Section 2.09. Lost, Stolen, Destroyed or Mutilated Bonds. Upon the receipt by the University and the Trustee of evidence satisfactory to them of the loss, theft, destruction or mutilation of any outstanding Bond hereby secured, and of indemnity satisfactory to them, and upon surrender and cancellation of such Bond if mutilated, the University may execute and the Trustee may authenticate and deliver, upon the lapse of such period of time as they may deem advisable, a new Bond of like tenor and maturity bearing the same or a different serial number, to be issued in lieu of such lost, stolen, destroyed or mutilated Bond. Such new Bond may bear such endorsement as may be agreed upon by the University and by the Trustee and which at the time is necessary to conform to the requirements of any securities exchange or of any governmental body having jurisdiction. The University may require the payment of a sum not exceeding Two Dollars ($2.00) for each new Bond issued under this Section 2.09, and of the expenses which may be incurred by the University and the fees and expenses of the Trustee in the premises. As to any such mutilated Bond surrendered under the foregoing provisions of this Section, the Trustee shall cremate as well as cancel all such Bonds in coupon form not registered as to principal and deliver a certificate thereof to the University.

ARTICLE THREE
REDEMPTION OF BONDS

Section 3.01. Publication of Notice. In case the University shall desire to exercise its right of redemption of all or any part of the Bonds, it shall publish in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, in the City and State of New York, at least once in each of two (2) successive calendar weeks, the first publication in such newspaper to be not less than thirty (30) days before the date fixed for redemption, a notice to the effect that the University has elected to redeem all or some specified part of the Bonds on a date therein designated, and in every case stating that on said redemption date there will become and be due and payable upon each Bond so to be redeemed, at the office of the Trustee, the principal thereof, together with the accrued interest to such date and the applicable redemption premium, if any, and that from and after such redemption date interest thereon will cease to accrue. If less than all of the Bonds of any series are to be redeemed such notice shall set forth the denominations and serial numbers of the Bonds of such series to be redeemed. If any of the Bonds to be redeemed are registered Bonds without coupons, or coupon Bonds registered as to principal, similar notice shall be sent by the University by registered or certified mail, postage prepaid, at least thirty (30) days prior to such redemption date, to the persons respectively who shall appear by the transfer register of the University to be the registered owners of such Bonds, at their addresses as the same shall appear, if at all, upon the transfer register of the University at the office of the Trustee, but such mailing shall not be a condition precedent to such redemption and failure so to mail any notice shall not affect the validity of the proceedings for the redemption of such Bonds. In case of redemption of Bonds through the operation of any sinking fund, Bonds shall be selected for redemption and such redemption shall be made upon publication and/or mailing of notice in the manner and with the effect provided in this Article, except that such publication and/or mailing shall be made in the name of the Trustee (unless in any such case of redemption of Bonds through the operation of any sinking fund the University shall, itself, have published and/or mailed such notice in its own name prior to the time of deposit with the Trustee of the sinking fund moneys being applied to redemption, the right so to publish and/or mail such notice being hereby expressly granted and reserved to the University, subject to the supplying by the University to the Trustee of proof satisfactory to it of such publication and/or mailing).

In case of any registered Bonds without coupons which are to be redeemed in part only, said notice shall specify the respective portions of the principal amounts thereof to be redeemed (which shall be $1,000 or any multiple thereof) and shall
state that payment of the redemption price shall be made only upon presentation of such Bonds (a) for the notation thereon of such payment on account of principal, or (b) for surrender in exchange for a coupon Bond or Bonds or a registered Bond or Bonds without coupons (as the holder may elect) of authorized denominations in aggregate principal amount equal to the unpaid portion of the principal amount thereof; and in such case, if coupon bonds or registered Bonds without coupons are so to be delivered in exchange, the University shall execute and the Trustee shall authenticate and deliver to or upon the written order of the registered owner of any Bonds, a portion only of which is to be redeemed, and at the expense of the University, a new Bond or Bonds for the principal amount of the surrendered Bond, less the principal amount thereof paid on surrender.

In the event of the payment of a portion of the principal amount of any fully registered Bond registered in the name of any original purchaser in whose name Bonds of that series were first registered and named in a written order of an Authorized Officer filed with the Trustee and stating that the provisions of this paragraph shall be applicable thereto, the Trustee shall make payment to such Bond holder without requiring presentation of such Bond and, in lieu of noting such payment thereon or of authenticating and delivering a new Bond or Bonds of an aggregate principal amount equal to the unredeemed portion of the principal amount of such Bond, the Trustee shall, in its letter transmitting payment to such Bond holder, instruct such holder or his authorized agent to endorse such payment on such Bond and a written representation from such holder to the Trustee that such payment has been so endorsed shall be conclusive evidence of such endorsement and payment.

SECTION 3.02. Pro Rata Redemption Among Series. In any case of the redemption at the option of the University of less than all of the outstanding Bonds then subject to redemption, no Bonds of any series may be redeemed unless the same proportion of the outstanding Bonds of each other series then subject to redemption are redeemed at the same time; provided, however, that in any case of the redemption of all of the outstanding Bonds of any one or more series, as a result of or in anticipation of the refunding or refinancing of one or more such series by the application of funds derived from other borrowings or the issuance of additional Bonds hereunder, no Bonds of any other series need be redeemed unless so required in the resolution supplemental hereto, creating or authorizing any additional series of Bonds. Nothing in this section shall be deemed to restrict the redemption by the University of a portion of the Bonds of any series out of surplus funds remaining in a Construction Fund Account held for the account of Bonds of such series in any case where the University is required or permitted to redeem such Bonds out of such surplus funds.

SECTION 3.03. Selection of Bonds for Redemption. In any case of redemption of less than all of the outstanding Bonds of a single series and maturity, the Bonds to be redeemed shall be selected by the Trustee by lot except as herein otherwise expressly provided. In each such instance the University shall, at least ten (10) days before the date upon which the first publication of the notice of redemption hereinbefore mentioned is required to be made, notify the Trustee in writing of such election and of the aggregate principal amount of Bonds to be redeemed, and thereupon the Trustee shall draw by lot, from the outstanding Bonds, in any manner deemed by it proper, the Bonds to be redeemed, and shall notify the University in writing of the numbers of the bonds so drawn. In any such selection by lot each Bond of a denomination in excess of $1,000 shall be given a separate number for each $1,000 of the principal amount thereof.

SECTION 3.04. Deposit of Funds for Redemption. On or before the redemption date specified in the notice above provided for, the University shall, and it hereby covenants that it will, deposit with the Trustee an amount of cash sufficient to effect the redemption of the Bonds specified in such notice, or cause the Trustee to apply to such purpose moneys theretofore deposited with the Trustee under the provisions hereof and properly available for such purpose. All moneys deposited by the University with the Trustee, or set apart by the Trustee, under the provisions of this Article Three, for the redemption of Bonds, shall be held for account of the holders thereof and shall be paid to them respectively upon presentation and surrender of said Bonds accompanied by all interest coupons maturing on and after the date fixed for redemption thereof; provided, however, if any such
Bonds shall be registered the same shall be endorsed in blank for transfer if the Trustee shall so require.

**SECTION 3.05. Effect of Redemption.** From and after the date of redemption designated in such notice (such notice having been given as aforesaid and such deposit having been made or moneys set apart as aforesaid), no further interest shall accrue upon any of the Bonds so to be redeemed (or, in the case of registered Bonds without coupons, where only a portion of the principal amount is to be redeemed, on such portion thereof); and any coupons for interest pertaining to any such Bonds and maturing after such date shall be void, and all such Bonds, in so far as such deposit shall have been made or moneys set apart as aforesaid, and all such coupons shall cease to be entitled to the benefit of this Resolution, and the University shall be under no further liability in respect thereof so long as such moneys remain on deposit and no interest shall accrue thereon on and after such redemption date.

**SECTION 3.06. Cancellation and Cremation.** All registered Bonds so redeemed shall forthwith be cancelled and delivered to the University by the Trustee, and in case of coupon Bonds not registered as to principal, shall be cremated by the Trustee which shall deliver a certificate thereof to the University.

**ARTICLE FOUR**

**ISSUANCE OF BONDS**

**SECTION 4.01. Issuance of Series A Bonds and Series B Bonds.** Series A Bonds in the principal amount of One Million Six Hundred Twenty-Five Thousand Dollars ($1,625,000) and Series B Bonds in the principal amount of One Million Five Hundred Twenty-Five Thousand Dollars ($1,525,000) shall be executed on behalf of the Board of Trustees and shall be authenticated by the Trustee and delivered to or upon the written order of the Comptroller.

**SECTION 4.02. Issuance of Additional Bonds.** Subject to the conditions and limitations hereinafter set forth and provided the University shall not at the time be in default under any of the terms, covenants or provisions of this Resolution, additional Bonds of equal rank with the Series A Bonds and Series B Bonds may be issued from time to time under the terms of this Resolution having such maturities, providing for the payment of such rates of interest and having such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; provided such additional Bonds shall be issued only for one or more of the following purposes: paying the cost of constructing, equipping, completing, acquiring, enlarging or improving student residence halls, dining facilities, apartments, staff housing facilities and related facilities or to refund or refinance any or all Bonds issued hereunder and/or any or all of the obligations of the University referred to in Section 5.01 hereof, and; provided further, that the following conditions precedent are complied with at, or prior to the time, of the issuance of such additional Bonds:

A. The Board of Trustees shall adopt a resolution supplemental hereto, setting forth the form of such additional Bonds and the terms and conditions applicable thereto;

B. The Net Income Available for Debt Service shall be equal to or greater than one and thirty-five hundredths (1.35) times the maximum amount to become due in any succeeding fiscal year for the payment of principal of and interest on the Bonds then outstanding hereunder and the Bonds then to be issued, less any Bonds which are to be redeemed or retired with the proceeds of such additional Bonds or concurrently with the issuance thereof; and

C. Concurrently with or prior to the execution, authentication and delivery of any such additional Bonds the University shall file with the Trustee the following:

1. A written direction for authentication signed by the Comptroller of the Board of Trustees;

2. A certified copy of a resolution of the Board of Trustees supplemental hereto, setting forth the form of such additional Bonds and the terms and conditions applicable thereto;

3. A certificate pursuant to Section 2.06 of the Comptroller or Treasurer of the Board of Trustees stating that the University is not at the time in default under any of the terms, covenants or provisions of
this Resolution as then supplemented, that all conditions precedent to the issuance of additional Bonds have been complied with and the University is entitled to issue such additional Bonds;

(4) A certificate prepared and certified by the Comptroller of the University, together with a certificate of an independent public accountant or firm of independent public accountants (which accountant's certificate may state that it is made in reliance on information supplied by the University, that they have made no independent examination of the books and records of the University in connection therewith, but that they know of no reason why such information is incorrect) setting forth in detail the computation of Net Income Available for Debt Service and demonstrating that it is equal to or greater than the amount required in subsection B above;

(5) An opinion of University Counsel to the effect that the University or the State of Illinois has, or will have, indefeasible title in fee simple and a valid and existing right to the use and occupancy of the proposed site and the right to construct, operate and manage the facilities thereon and that such site is not, or will not be, subject to any existing lien or other charge, and

(6) An opinion of Bond Counsel to the effect that such additional Bonds when executed, authenticated and delivered by the Trustee and issued by the Board of Trustees, will be valid and binding obligations of the Board of Trustees and will be secured by this Resolution as then supplemented, equal and pro rata with all other Bonds at the time outstanding.

ARTICLE FIVE
PROVISIONS RELATING TO INCOME AND APPLICATION THEREOF

SECTION 5.01. Housing Revenue Bond Fund. All revenues derived from the following sources are hereby pledged for the purpose of making the payments or deposits required to be made under subsections (a), (b) and (c) of Section 5.02 of this Resolution:

(1) the operation of Project A;
(2) the operation of any other revenue producing facilities for the account of which additional Bonds may hereafter be issued;
(3) the operation of the revenue producing facilities currently securing the payment of the following obligations of the University from and after the payment in full of such outstanding obligations:
   - Women's Residence Halls Revenue Bonds, dated February 15, 1949;
   - Student-Staff Apartments (2nd Unit) Revenue Bonds, dated May 1, 1950;
   - Residence Halls Revenue Bonds of 1952, dated March 1, 1952;
   - Dormitory Revenue Bonds of 1956, dated April 1, 1956;
   - Women's Residence Halls Revenue Bonds of 1956, dated October 1, 1956;
   - Men's Residence Halls Revenue Bonds of 1957, dated April 1, 1957; and
(4) the operation of the Student-Staff Apartments (1st Unit) when conveyed to the Board of Trustees pursuant to the existing agreement with the University of Illinois Foundation;

and such revenues shall be deposited as collected in a general banking account of the University to the credit of a special fund which is hereby created and designated as the "Housing Revenue Bond Fund" said account to be maintained in a bank which is a member of the Federal Deposit Insurance Corporation and the Board of Trustees covenants that all revenues, income, receipts, profits, rates, rents or charges derived from the operation of such facilities shall be so credited within three working days after receipt in the Housing Revenue Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. Disposition of Housing Revenue Bond Fund. That the funds in the Housing Revenue Bond Fund shall be used in the manner and in the order hereinafter mentioned:

(a) All current operating expenses shall first be paid from the Housing Revenue Bond Fund.
(b) A Bond and Interest Sinking Fund is hereby established with the Trustee to be held in trust for the benefit of the Bonds and the holders thereof by the Trustee and the University shall deposit in said Bond and Interest Sinking Fund a sum equal to sixty-seven and one-half per cent (67.5%) of the debt service requirements for the then current fiscal year semi-annually, within sixty (60) days following June 30 and December 31 of each year, to be paid from the Housing Revenue Bond Fund, until such time as such funds and investments (valued at the lower of cost or market), and the income and profits realized from any investments thereof are at least equal to the debt service requirements on all then outstanding Bonds for the then current fiscal year plus a debt service reserve in an amount equal to two hundred per cent (200%) of the annual amount to become due in the succeeding fiscal year for the payment of principal of and interest on all Bonds then outstanding and thereafter in a like manner such sums semi-annually as may be necessary to meet the then current fiscal year's debt service and to maintain the aforesaid debt service reserve. For the purpose of this paragraph interest accruing prior to the completion date of any facilities for the account of which Bonds shall have been issued, shall not be deemed to be a debt service requirement on such Bonds.

After setting aside funds for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid, funds of the Bond and Interest Sinking Fund in excess of the principal and interest requirements for the next succeeding twelve (12) months may be invested by the Trustee from time to time by written order of the Comptroller in United States Government securities maturing not more than five (5) years from date of purchase. Funds held for interest and principal payments during the next succeeding twelve (12) months (excluding funds held for the payment of Bonds which have matured and for past due interest or interest coupons and for principal, accrued interest and premium, if any, on Bonds called for redemption but not paid) may be invested by the Trustee from time to time by written order of the Comptroller in United States Government securities maturing not later than ten (10) days prior to the next interest payment date.

(c) Reserves for the replacement of equipment and expenditures for minor capital additions to the facilities may, at the option of the University, be made after setting aside all funds required under paragraphs (a) and (b) above.

(d) All funds remaining in said Housing Revenue Bond Fund in any fiscal year after the full debt service reserve prescribed in subsection (b) of this Section has been provided for and after all provisions in subsections (a), (b) and (c) of this section have been met and all deficiencies have been made up, shall be deemed surplus moneys and shall be used for any of the following purposes: (1) for calling and redeeming the outstanding Bonds, which by their terms are redeemable prior to maturity; (2) for purchasing Bonds in the open market, with all unmatured interest coupons thereto attached at the lowest prices reasonably attainable, but not exceeding the amount at which such Bonds at the time are redeemable; (3) for investment by the Comptroller in United States Government securities until such time as funds are needed for other purposes; (4) for unusual or extraordinary repairs, replacements or improvements to the facilities, for which no funds can be properly provided in subsection (a) hereinafter; and (5) for any lawful purpose as the Board of Trustees may direct.

SECTION 5.03. Supplementation of Revenues. It is hereby determined by the Board of Trustees, and it is hereby covenanted that it is necessary to supplement revenues to be derived from the facilities, referred to in this Resolution, by the use of student tuitions which are authorized by law to be retained in the Treasury of the University, and it is hereby further covenanted that if at the close of any fiscal year there is a deficiency in the Housing Revenue Bond Fund to provide for operating expenses of the facilities and/or making the deposits in the Bond and Interest Sinking Fund provided for in Section 5.02 of this Resolution in the required amounts, the Board of Trustees shall within sixty (60) days after the close of the fiscal year deposit to the credit of the said Housing Revenue Bond Fund out of student tuitions, a sum sufficient to make up such deficiency in order to meet the annual debt service required on the Bonds, the annual cost of mainte-
nance and operation of the facilities, and provide for all the accounts and covenants provided for by this Resolution or any resolution supplemental hereto, but such amount shall not, however, exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in subsection (b) of Section 5.02 hereof or (b) $115,000, plus such additional sums as may be specified in any resolution supplemental hereto creating or authorizing the issuance of additional Bonds.

ARTICLE SIX
APPLICATION OF PROCEEDS OF SALE OF BONDS

SECTION 6.01. Custody and Application of Bond Proceeds. The proceeds from the sale of Bonds to be issued from time to time hereunder shall be applied only toward the cost of acquiring, constructing, equipping, enlarging, or improving facilities or refunding or refinancing Bonds issued hereunder or obligations of the University referred to in Section 5.01, all as hereinbefore provided. When received, the part of the purchase price of Bonds representing the interest accrued on Bonds to the date of payment of such purchase price shall be deposited with the Trustee in the Bond and Interest Sinking Fund, together with such portion of the proceeds of the Bonds as is determined by the Board of Trustees to be necessary to so set apart representing interest and principal, if any, to become due on such Bonds prior to the time the facilities for the account of which such Bonds have been issued become revenue producing and funds become available therefrom. Except in the case of Bonds issued to refund or reframe other Bonds, the remaining part of such purchase price shall be retained by the University and accounted for as a separate fund or funds for each project to be known as a "Construction Fund Account" for such project and such moneys shall be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation. The moneys in each Construction Fund Account shall be applied only toward the cost of construction in the manner and subject to the terms provided in any contract or agreement between the Board of Trustees and any purchaser of Bonds or as may be provided by a resolution supplemental hereto and relating to each separate series of Bonds to be issued hereunder, but in such a manner as to assure completion of the project or improvement for the account of which such Bonds were issued free and clear of mechanic's liens and substantially in accordance with the plans and specifications therefor.

SECTION 6.02. Investment of Construction Fund. Pending disbursement for the purpose aforesaid the Comptroller may from time to time invest all or any part of the moneys in the Construction Fund Account not to be needed within the next succeeding thirty (30) days for the purposes hereinabove set forth in Bonds, or other direct and general obligations of the United States of America having a maturity date or becoming due at the option of the holder not more than three (3) years subsequent to the date of investment therein. Interest accruing as a result of any such investments when received shall be credited to the Construction Fund Account.

SECTION 6.03. Disposition of Surplus Funds. After completion of each construction or improvement project, the Comptroller of the University shall execute a certificate to the effect that said project has been fully completed according to the plans and specifications and the same filed in the office of the Secretary of the Board of Trustees. Subject to the terms and provisions of any contract or agreement between the Board of Trustees and any original purchaser of Bonds and relating to any separate series of Bonds to be issued hereunder, if there be funds remaining in a Construction Fund Account at the time of the filing of such certificate with the Secretary, said funds shall be withdrawn by the Comptroller and deposited with the Trustee in the Bond and Interest Sinking Fund. Any contract or agreement between the Board of Trustees and any original purchaser of Bonds may provide that any funds remaining in a Construction Fund Account established for the account of any series of Bonds being acquired by such purchaser be applied to (i) the redemption of such Bonds or other Bonds then subject to redemption, (ii) the purchase of Bonds on the open market, or (iii) the construction of additional facilities by the transfer of such funds to another Construction Fund Account.
ARTICLE SEVEN
ADDITIONAL COVENANTS OF THE UNIVERSITY

The Board of Trustees of the University of Illinois hereby covenants and agrees as follows:

SECTION 7.01. Authority for Bonds. That it is duly authorized under the laws of the State of Illinois and under all other applicable provisions of law to create and issue the Bonds herein provided for, and to pledge and apply the net income of the facilities as herein provided; that all corporate and other action on its part for the creation and issuance of the initial issue of Bonds has been duly taken; that said Bonds when issued and in the hands of the holders thereof will be valid and enforceable obligations of the University according to the import thereof; that this Resolution is and will remain a valid Resolution to secure the payment of said Bonds and that the University has complete and lawful authority and privilege to acquire, construct, equip, operate, enlarge, improve, maintain, control and manage the facilities as herein provided.

SECTION 7.02. Right to Use and Occupancy of the Facilities and not to Encumber Same. That it hereby warrants that it has a valid and existing right to the use and occupancy of the facilities described or referred to in Section 5.01 in perpetuity and it, the State of Illinois, has indefeasible title in fee simple to the sites of said facilities (other than the Student-Staff Apartments (1st Unit) title to which has not yet been conveyed to the University) and it has the right to construct, equip, operate, enlarge, improve, maintain, control and manage the same, subject only to the provisions and covenants applicable to outstanding obligations established by resolutions of the Board of Trustees bearing previous date referred to and described in Section 5.01 and the rights of the holders of such obligations and to current taxes not in default; that it will not further encumber said property or the income therefrom and that it will not, while any Bonds are outstanding hereunder encumber the title to or pledge or agree to pay to others the income from any of the said facilities; that it will within three months after the same shall accrue pay and discharge or cause to be paid and discharged, all lawful claims and demands of mechanics, laborers and others which if unpaid might by law become liens upon the facilities or the sites thereof.

SECTION 7.03. To Pay Principal and Interest. That it will duly and punctually pay or cause to be paid the principal sum and the interest accruing on said principal, on each and every one of the Bonds secured or to be secured hereby, at the dates and places, and in the manner provided in said Bonds, and in the coupons thereunto appertaining, according to the terms thereof.

SECTION 7.04. Taxes. That it will pay and discharge all taxes, assessments and Governmental charges which shall be lawfully imposed upon the facilities provided, however, that the University shall not be required to pay any such tax, assessment, charge or claim so long as the University in good faith and by appropriate legal proceedings shall contest the validity thereof or its enforceability as a lien, and provided further that any such delay occasioned thereby shall not subject the facilities or any part thereof to forfeiture or sale.

SECTION 7.05. Payment of Trustees and the Bondholders' Costs and Expenses. That it will pay all and singular the costs, charges and expenses including reasonable attorney fees incurred or paid at any time by the Trustee or any successor Trustee, or by the holder of any of the Bonds because of the failure on the part of the University to perform, comply with and abide by each and every of the stipulations, agreements, conditions and covenants of the Bonds and this Resolution, or either of them.

SECTION 7.06. Construction of New Facilities, Maintenance, Repairs, Application of Income, Operation of Additional Facilities. That following the issuance of each series of Bonds under this Resolution it will cause the facilities for the account of which such Bonds were issued to be constructed with all reasonable dispatch; that subject to the right of abandonment as permitted and provided in Article Eight of this Resolution it will at all times from income made available for such purpose maintain, preserve and keep all the facilities and all additions and betterments thereto and every part and parcel thereof in good repair, working order and operating condition; that it will continuously operate the facilities on a revenue producing basis; and that it will use and apply the income from the facilities only as provided in Article Five of this Resolution.
Notwithstanding any provision of this Resolution to the contrary, the University shall have, and it hereby reserves, the right, power and authority, exercisable by it in its sole and uncontrolled discretion without any limitation or restriction whatsoever by virtue of this Resolution, (a) to acquire property for and to erect, construct, equip, furnish, operate, control, manage and use and apply the income of all facilities (now existing or hereafter acquired) other than the facilities referred to in Section 5.01 and facilities for the account of which Bonds have been issued, authenticated and delivered under the terms of this Resolution; and (b) to issue and sell bonds under the provisions of Chapter 144 of the Illinois Revised Statutes, 1957, or otherwise, for the purpose of raising funds to acquire property for and to erect, construct, equip, furnish, operate, control and manage additional revenue producing buildings, which bonds are not, and need not be, issued under or secured by this Resolution; and (c) to raise, acquire or provide funds in any manner other than by the issuance and sale of Bonds under this or any other Resolution for the purpose of acquiring property for or to erect, construct, equip, furnish, operate, control and manage additional housing facilities.

SECTION 7.07. Maintenance of Occupancy and Rental Rates. That so long as any Bonds herein authorized to be issued shall remain outstanding; it will continuously operate and maintain the facilities, will adopt such parietal rules and regulations and fix and maintain such rates, rents, fees, and charges for the use of said facilities, as will assure maximum occupancy of the buildings and, when supplemented with student tuitions to the extent provided in Section 5.03, will provide revenue sufficient to pay the reasonable cost of operating and maintaining the facilities, and to provide and maintain the aforesaid Bond and Interest Sinking Fund and the required reserves therefor, and that it will collect and account for and apply the aforesaid income and revenues in accordance with and as provided by this Resolution.

SECTION 7.08. Record Keeping. That it will, so long as any of the Bonds issued hereunder remain outstanding and unpaid, keep proper and separate books of accounts and records in which full, true and correct entries will be made of all dealings and transactions relating to the properties, business and financial affairs of the University as related to the facilities and such records and books shall be open to inspection by the Bond holders and their agents or representatives.

SECTION 7.09. Audit Reports and Furnishing of Same. That it will on or before one hundred fifty (150) days after the end of each fiscal year commencing with the fiscal year ending June 30, 1959, furnish to the Trustee and, upon written request therefor, to the holder or holders of any Bonds, certified reports of audit based on an examination sufficiently complete to comply with generally accepted auditing standards, prepared by an independent public accountant or firm of independent public accountants, covering the operations of the facilities for the fiscal year next preceding, and showing the income and expenses for such period. Such audit report shall include a statement in reasonable detail of income from each separate facility and shall show average occupancy of each facility and the schedule of rates for room rental, board and other charges. Such audit report shall also include statements of the status of each fund or account established under the terms of Article Five hereof showing the amount and source of the deposits therein, the amount and purpose of the withdrawals therefrom and the balance therein at the beginning and end of the fiscal year. There will also be included with each audit report a written opinion of the accountant that in making the examination necessary to said audit no knowledge of any default by the University in the fulfillment of any of the terms, covenants, provisions and conditions of this Resolution was obtained, or, if such accountant shall have obtained knowledge of such default a statement of the default or defaults thus discovered and the nature thereof.

SECTION 7.10. Inspection of Records by Trustee. That the books, documents and vouchers relating to the facilities will at all reasonable times be open to inspection by authorized agents of the Trustee.

SECTION 7.11. Fire and Extended Coverage Insurance. That as long as any of said Bonds authorized to be issued hereunder shall remain outstanding and unpaid, either as to principal or interest, or both, it will maintain insurance on said facilities, including all equipment thereof and the goods, wares, merchandise contained in the Central Food Stores portion of Project A, against loss or damage by fire and windstorm and all other risks included in extended coverage insurance.
in amounts sufficient to provide for not less than full recovery of the insurable value whenever the loss from causes covered by such insurance does not exceed eighty per cent (80%) of the full insurable value of said buildings. Such insurance policy or policies shall be with a company or companies and in a form acceptable to the Trustee and be payable to The Board of Trustees of the University of Illinois, and all moneys collected on account of loss or damage covered by any such policy or policies of insurance shall be held in trust by the Board of Trustees and shall be used only for restoration of the property so damaged or, at the election of the Board of Trustees, deposited with the Trustee for credit to the Bond and Interest Sinking Fund.

SECTION 7.12. Business Interruption Insurance. Whenever the Snack Bar and Service Building portion of Project A becomes revenue producing and so long thereafter as the funds and investments of the Bond and Interest Sinking Fund are less than the maximum debt service reserve required to be maintained under Section 5.02(b) of this Resolution, it will procure and maintain Business Interruption Insurance on the Snack Bar and Service Building in an amount sufficient to enable it to credit to the Housing Revenue Bond Fund, out of the proceeds of such insurance an amount equal to the sum that would normally have been available for credit to such fund from the revenues of the damaged building during the time the damaged building is non-revenue producing as a result of loss of use caused by the perils covered by fire and extended coverage insurance. Such Business Interruption Insurance policy shall be with a company or companies and in a form acceptable to the Trustee and shall be payable to the Board of Trustees of the University of Illinois and all moneys collected on account of loss covered by any such insurance shall be held in trust by the Board of Trustees and credited to the Housing Revenue Bond Fund.

ARTICLE EIGHT
ABANDONMENT OF FACILITIES

SECTION 8.01. Conditions Under Which Facilities May Be Abandoned. Anything in this Resolution to the contrary notwithstanding, the University may at any time and from time to time permanently abandon the use of any of its facilities if the University determines that the facility to be abandoned is to be replaced by another facility which is estimated to produce net income (after making provision for any debt service or obligations, if any, issued to finance such replacement facility) equal to or greater than the facility to be abandoned and the net income of such replacement facility will be pledged and applied as herein provided in the case of the facilities constituting Project A.

In addition the University may at any time, after the final maturity of any series of Bonds or any other obligation initially issued to provide funds for the original construction of a particular facility, permanently abandon the use of any such facility upon a determination by the Board of Trustees that age or physical condition of the facility proposed to be abandoned does not permit the economical operation thereof; provided the Net Income Available for Debt Service after giving effect to such abandonment will be equal to or greater than one and thirty-five one hundredths (1.35) times the maximum annual amount to become due in any succeeding fiscal year for the payment of principal of and interest on the Bonds then outstanding hereunder.

SECTION 8.02. Evidence of Right of Abandonment. All findings and determinations required to be made under this Article Eight shall be evidenced by a resolution adopted by the Board of Trustees, a certified copy of which shall be filed with the Trustee.

ARTICLE NINE
CONCERNING THE TRUSTEE, PAYING AGENT AND BOND REGISTRAR

SECTION 9.01. Trustee, Paying Agent, Bond Registrar, Appointment and Acceptance of Duties. The First National Bank of Chicago, a national banking association, is hereby appointed Trustee, Paying Agent and Bond Registrar. The Trustee shall signify its acceptance of the duties and obligations imposed upon it by this Resolution as Trustee, Paying Agent and Bond Registrar, by executing the Certificate of Authentication endorsed upon the Bonds, and, by executing such certificate upon any Bond the Trustee shall be deemed to have accepted such duties and obligations not only with respect to the Bond so authenticated, but with respect to all Bonds thereafter to be issued which the Trustee shall authenticate, upon
the terms and conditions set forth in this Resolution. The Trustee shall also signify its acceptance of the duties and obligations imposed upon it by this Resolution by executing and delivering to the University a written acceptance thereof. In addition to the Trustee, the University may appoint one or more banks or trust companies located within or without the State of Illinois as additional paying agent or paying agents for any one or more series of Bonds by designating such additional paying agent or agents in the form of the Bond of such series.

**SECTION 9.02. Responsibilities of Trustee.** The recitals, statements and representations contained herein and in the Bonds and coupons (exclusive of the Trustee's certificate on the Bonds) shall be taken as the recitals, statements and representations of the University and the Trustee assumes no responsibility and shall not be liable for the correctness of the same. The Trustee makes no representations as to the validity or sufficiency of this Resolution or of any resolution supplemental hereto directing the issuance of any Bonds hereunder, or of any Bonds or coupons issued thereunder or in respect of the security afforded by this Resolution, and shall not incur any responsibility in respect thereof. The Trustee shall be under no responsibility or duty with respect to the issuance of the Bonds for value or the application of the proceeds thereof or the application of any moneys paid to the University. Unless or until the happening of an event of default the Trustee shall not be responsible for the enforcement of the pledge of the receipts or the application of the revenues to pay the Bonds.

The Trustee shall be under no obligation or duty to perform any act which would involve it in expense or liability or to institute or defend any suit in respect thereof, or to advance any of its own moneys, unless indemnified to its reasonable satisfaction. The Trustee shall not be liable in connection with the performance of its duties hereunder except for its own negligence or default.

The Trustee shall be under no duty to make any investigation or inquiry regarding defaults, and may conclusively assume that there has been no default by the University in any of the matters or things to be done or performed by it, unless the Trustee is notified in writing by the holders of twenty per cent (20%) in principal amount of all Bonds then outstanding, specifying the default or act that should be performed.

Except as herein otherwise provided all funds held by the Trustee under any of the provisions of this Resolution shall be carried by the Trustee upon the books of its corporate trust department in a separate account or accounts as trust funds, and shall not be deposited in its banking department or used in the conduct of its business unless it shall first set aside in its trust department direct obligations of or obligations the principal and interest of which are guaranteed by the United States Government in an aggregate principal amount corresponding to the amount of funds so used or deposited.

**SECTION 9.03. Evidence on Which Trustee May Act.** The Trustee shall be protected in acting upon any notice, resolution, request, consent, order, certificate, estimate, report, opinion, bond or other paper or document believed by it to be genuine, and to have been signed or presented by the proper party or parties. It may consult with counsel, who may or may not be of counsel to the University, and the opinion of such counsel shall be full and complete authorization and protection in respect of any action taken or suffered by it under this Resolution in good faith and in accordance therewith.

Whenever the Trustee shall deem it necessary or desirable that a matter be proved or established prior to taking or suffering any action under this Resolution, such matter (unless other evidence in respect thereof be therein specifically prescribed) may be deemed to be conclusively proved and established by a certificate of an Authorized Officer of the University and such certificates shall be full warrant for any action taken or suffered in good faith under the provisions of this Resolution upon the faith of such certificate but in its discretion the Trustee may in lieu thereof accept other evidence of such fact or matter or may require such further or additional evidence as it may deem reasonable.

Except as otherwise expressly provided in this Resolution, any request, order, notice or other direction required or permitted to be furnished pursuant to any provision hereof by the University to the Trustee shall be sufficiently executed if executed in the name of the University by an Authorized Officer.

**SECTION 9.04. Compensation.** The University shall pay to the Trustee from time to time reasonable compensation for all services rendered under this Resol-
tion, and also all reasonable expenses, charges, counsel fees and other disbursements, including those of its attorneys, agents, and employees, incurred in and about the performance of their powers and duties under this Resolution and the Trustee shall have a lien thereon on any and all funds at any time held by it under this Resolution. The University further agrees to indemnify and save the Trustee harmless against any liabilities which it may incur in the exercise and performance of its powers and duties hereunder, and which are not due to its negligence or default.

SECTION 9.05. Certain Permitted Acts. The Trustee may become the owner of any Bonds and coupons or act as depositary for or loan money to the University or the State of Illinois or any agency or department thereof, or otherwise deal therewith in each case with the same rights it would have if it were not Trustee hereunder. To the extent permitted by law, the Trustee may act as depositary for, and permit any of its officers or directors to act as a member of, or in any other capacity with respect to, any committee formed to protect the rights of Bond holders or to effect or aid in any reorganization growing out of the enforcement of the Bonds or this Resolution, whether or not any such committee shall represent the holders of a majority in principal amount of the Bonds then outstanding.

SECTION 9.06. Resignation of Trustee. The Trustee may at any time resign and be discharged of the duties and obligations created by this Resolution by giving not less than sixty (60) days' written notice to the University and publishing notice thereof, specifying the date when such resignation shall take effect, once in each week for two successive calendar weeks in one daily newspaper published in the English language and of general circulation in the City of Chicago, Illinois, and in a financial newspaper published in the English language and of general circulation in the Borough of Manhattan, City and State of New York, and such resignation shall take effect upon the day specified in such notice unless previously a successor shall have been appointed by the University or the Bond holders as provided in Section 9.08, in which event such resignation shall take effect immediately on the appointment of such successor.

SECTION 9.07. Removal of Trustee. The Trustee may be removed at any time by an instrument or concurrent instruments in writing filed with the Trustee and signed by the holders of a majority in principal amount of the Bonds then outstanding or their attorneys-in-fact duly authorized, excluding any Bonds held by or for the account of the University.

SECTION 9.08. Appointment of Successor Trustee. In case at any time the Trustee shall resign or shall be removed or shall become incapable of acting, or shall be adjudged a bankrupt or insolvent, or if a receiver, liquidator or conservator of the Trustee, or of its property, shall be appointed, or if any public officer shall take charge or control of the Trustee, or of its property or affairs, a successor may be appointed by the holders of a majority in principal amount of the Bonds then outstanding, excluding any Bonds held by or for the account of the University, by an instrument or concurrent instruments in writing signed and acknowledged by such Bond holders or by their attorneys-in-fact duly authorized and delivered to such successor Trustee, notification thereof being given to the University and the predecessor Trustee; provided, nevertheless, that unless a successor Trustee shall have been appointed by the Bond holders as aforesaid, the University by a duly executed written instrument signed by an Authorized Officer of the University shall forthwith appoint a Trustee to fill such vacancy until a successor Trustee shall be appointed by the Bond holders as authorized in this Section 9.08. The University shall publish notice of any such appointment made by it once in each week for two consecutive calendar weeks, in one daily newspaper published in the English language and of general circulation in the City of Chicago, Illinois, and in a financial newspaper published in the English language and of general circulation in the Borough of Manhattan, City and State of New York, the first publication to be made within twenty (20) days after such appointment. Any successor Trustee appointed by the University shall, immediately and without further act, be superseded by a Trustee appointed by the Bond holders.

If in a proper case no appointment of a successor Trustee shall be made pursuant to the foregoing provisions of this Section within forty-five (45) days after the Trustee shall have given to the University written notice as provided in Section 9.06 or after a vacancy in the office of the Trustee shall have occurred by reason of removal or its inability to act, the Trustee or the holder of any Bond
may apply to any court of competent jurisdiction to appoint a successor Trustee. Said court may thereupon, after such notice, if any, as such court may deem proper and prescribe, appoint a successor Trustee.

Any Trustee appointed under the provisions of this Section 9.08 in succession to the Trustee shall be a bank or trust company organized under the laws of the State of Illinois or a national banking association, doing business and having its principal office in the City of Chicago, Illinois, and having a capital and surplus aggregating at least One Million Dollars ($1,000,000), if there be such a bank or trust company or national banking association willing and able to accept the office on reasonable and customary terms and authorized by law to perform all the duties imposed on it by this Resolution.

SECTION 9.09. Transfer of Rights and Property to Successor Trustee. Any successor Trustee appointed under this Resolution shall execute, acknowledge and deliver to its predecessor Trustee, and also to the University, an instrument accepting such appointment, and thereupon such successor Trustee, without any further act, deed or conveyance, shall become fully vested with all moneys, estates, properties, rights, powers, duties and obligations of such predecessor Trustee, with like effect as if originally named as Trustee, and the predecessor Trustee shall promptly furnish to the successor Trustee on request therefor, or on such request permit the successor Trustee to secure from the records of the predecessor Trustee such information as may be required by the successor Trustee to perform its duties and obligations as such successor, and shall deliver to the successor Trustee instruments then in its possession for the inspection of the holders of Bonds; but the Trustee ceasing to act shall nevertheless, on the written request of the University, or of the successor Trustee, execute, acknowledge and deliver such instruments of conveyance and further assurance and do such other things as may reasonably be required for more fully and certainly vesting and conforming in such successor Trustee all the right, title and interest of the predecessor Trustee in and to any property held by it (if any) under this Resolution, and shall pay over, assign and deliver to the successor Trustee any money or other property subject to the trusts and conditions herein set forth, including all records and books of registry.

SECTION 9.10. Merger or Consolidation. Any company into which any Trustee may be merged or converted or with which it may be consolidated or any company resulting from any merger, conversion or consolidation to which it shall be a party or any company to which any Trustee may sell or transfer all or substantially all of its corporate trust business, provided such company shall be a bank or trust company organized under the laws of the State of Illinois or a national banking association and shall have an office for the transaction of its business in the City of Chicago and State of Illinois, and shall be authorized by law to perform all the duties imposed upon it by this Resolution, shall be the successor to such Trustee without the execution or filing of any paper or the performance of any further act.

SECTION 9.11. Adoption of Authentication. In case any of the Bonds contemplated to be issued under this Resolution shall have been authenticated but not delivered, any successor Trustee may adopt the Certificate of Authentication of any predecessor Trustee so authenticating such Bonds and deliver such Bonds so authenticated; and in case any of the said Bonds shall not have been authenticated, any successor Trustee may authenticate such Bonds in the name of the predecessor Trustee, or in the name of the successor Trustee, and in all such cases such certificate shall have the full force which it is anywhere in said Bonds or in this Resolution provided that the certificate of the Trustee shall have.

ARTICLE TEN

EVENTS OF DEFAULT

SECTION 10.01. Events of Default. The University shall be in default herein if one or more of the following events (herein called "events of default") shall happen, to-wit:

(a) Failure to make due and punctual payment of the principal of or any redemption premium on any Bond when and as the same shall become due and payable;
(b) Failure to make due and punctual payment of any installment of interest on any Bond when and as such interest installment shall become due and payable, and such default shall have continued for a period of thirty (30) days;

(c) Failure to make due and punctual payment or satisfaction of any payment into the Bond and Interest Sinking Fund when and as such payments shall become due and payable as in this Resolution or any resolution supplemental hereto expressed and such default shall have continued for a period of two hundred seventy (270) days;

(d) If the University shall default in the observance of any other covenants, agreements or conditions on its part in this Resolution or any resolution supplemental hereto or in the Bonds contained, and such default shall have continued for a period of ninety (90) days after notice thereof given to the University by the Trustee setting forth the nature of such default.

If an event of default shall happen and be continuing, then and in each and every such case the holders of not less than a majority in aggregate principal amount of the Bonds at the time outstanding shall be entitled, upon notice in writing to the University and to the Trustee, to declare the principal of all of the Bonds then outstanding hereunder and the interest accrued thereon to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable, anything in this Resolution or in the Bonds contained to the contrary notwithstanding.

All of the revenues of the facilities including all sums in the Housing Revenue Bond Fund upon the date of the happening of any event of default and all sums thereafter received by the Trustee hereunder, shall be applied by the Trustee in the order following upon presentation of the several Bonds and coupons, and the stamping thereon of the payment if only partially paid, or upon the surrender thereof if fully paid:

First, to the payment of the costs and expenses of the holders of the Bonds in declaring such event of default, including reasonable compensation to their agents, attorneys and counsel, and to the payment of all compensation, claims and expenses of the Trustee in carrying out the provisions of this Section 10.01 and all other services performed under this Resolution including reasonable compensation to its agents, attorneys and counsel;

Second, in case the principal of the Bonds shall not have become due and shall not then be due and payable, to the payment of the interest in default in the order of the maturity of the installments of such interest, with interest on the overdue installments at the rate now or hereafter provided by law, such payments to be made ratably to the persons entitled thereto without preference or priority;

Third, in case the principal of the Bonds shall have become due and shall be then due and payable, to the payment of the whole amount then owing and unpaid upon the Bonds for principal and interest, with interest on the overdue principal at the rate or rates of interest specified in the Bonds and on installments of interest at the rate now or hereafter provided by law, and in case such moneys shall be insufficient to pay in full the whole amount so owing and unpaid upon the Bonds, then to the payment of such principal and interest without preference or priority of principal over interest, or of interest over principal, or of any installment of interest over any other installment of interest, ratably to the aggregate of such principal and interest.

Section 10.02. Rights of Holders of Bonds Upon Default. Subject to any contractual limitations binding upon the holders of any of the Bonds (including the provisions of Section 10.03 hereof and any other limitations herein upon the exercise of any remedy to holders holding a specific proportion or percentage of the Bonds), any holder of Bonds shall have the right, for the equal benefit and protection of all holders of Bonds similarly situated:

(a) By suit at law or proceedings in equity to compel observance by the University or by any of its officers, agents, and employees of any contract or covenant made by the University with the holders of Bonds and coupons as provided in this Resolution, and to compel the University and any of its officers, agents and employees, to perform any duties required to be performed for the benefit of the holders of the Bonds or coupons as provided by this
Resolution, and to enjoin the University and any of its officers, agents or employees from taking any action in conflict with any contract or covenant with the holders of the Bonds and coupons as provided by this Resolution;

(b) By action or suit in equity to require the University to account as if it were the trustee of an express trust; or

(c) By action or suit in equity to enjoin any acts or things which may be unlawful or in violation of the rights of the holders of Bonds.

No remedy conferred hereby upon the Trustee or any holder of Bonds is intended to be exclusive of any other remedy, but each such remedy is cumulative and in addition to every other remedy and may be exercised without exhausting and without regard to any other remedy conferred hereby. No waiver of any default or breach of duty or contract by the holder of any Bond shall extend to or shall affect any subsequent default or breach of duty or contract or shall impair any rights or remedies thereon. No delay or omission of the Trustee or the holder of any Bond to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver of any such default or acquiescence therein. Every substantive right and every remedy conferred upon the holders of Bonds may be enforced and exercised from time to time and as often as may be deemed expedient. In case any suit, action or proceeding to enforce any right or exercise any remedy shall be brought or taken and then discontinued or abandoned, or shall be determined adversely to the holders of Bonds, then, and in every such case, the University and the holders of Bonds shall be restored to their former positions and rights and remedies as if no such suit, action or proceeding had been brought or taken.

SECTION 10.03. Trustee to Act as Trustee for Bond Holders. The Trustee appointed hereunder (and the successive respective holders of the Bonds and interest coupons, by taking and holding the same, shall be conclusively deemed to have so appointed the Trustee) shall act as Trustee to represent the Bond holders in the matter of exercising and prosecuting on their behalf such rights and remedies as may be available to such holders under the provisions of the Bonds and this Resolution. Upon any default or other occasion giving rise to a right in such Trustee to represent the Bond holders, such Trustee may, but need not, take such action on behalf of the Bond holders as may seem appropriate to it and, upon the request in writing of the holders of twenty per cent (20%) in principal amount of all the Bonds then outstanding, which request shall specify such default or occasion and the action to be taken by the Trustee, and upon being furnished with indemnity satisfactory to it, such Trustee shall take such action on behalf of the Bond holders as may have been so requested; subject however to the provisions of Section 10.01 requiring not less than a majority in aggregate principal amount of the Bonds at the time outstanding to declare the principal of all Bonds then outstanding hereunder and the interest accrued thereon to be due and payable.

Except as in this Section 10.03 provided, no holder of any Bond or of any interest coupon pertaining to any coupon Bond shall have any right by virtue or by availing of any provision of this Resolution or provisions of applicable law to institute any suit, action or proceeding, at law or in equity, for the appointment of any trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder, unless such holder shall previously have given to the Trustee written notice of an existing default, and unless, also, there shall have been tendered to the Trustee security and indemnity satisfactory to it against all costs, expenses and liabilities which might be incurred in or by reason of such action, suit or proceeding, and unless, also, the holders of twenty per cent (20%) in aggregate principal amount of all the Bonds then outstanding shall have requested the Trustee in writing to take action with respect to such default and the Trustee shall have declined to take such action or failed so to do within thirty (30) days thereafter; it being intended that no one or more holders of Bonds or interest coupons shall have any right in any manner to institute or prosecute any action, suit or proceeding for the appointment of a trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder, except in the manner herein provided, and for the equal proportionate benefit of all holders of outstanding Bonds and interest coupons; provided that nothing contained in this Resolution or in the Bonds shall affect or impair the obligation to pay the principal of, premium (if any) and the
interest on the Bonds as in this Resolution provided, or shall affect or impair the right of action, which is absolute and unconditional, of the holders of the Bonds otherwise to enforce payment thereof by virtue of the contract embodied in the Bonds and in this Resolution or applicable statutes and provisions of law, or to enforce any of the covenants or provisions in the Bonds, this Resolution, or applicable statutes or provisions of law, except as hereinabove provided with respect to suits, actions or proceedings for the appointment of any trustee in bankruptcy, receiver, liquidator or custodian of the revenues and other funds pledged or held hereunder.

SECTION 10.04. Trustee Constituted Attorney-in-Fact for Bondholders. The Trustee is hereby appointed (and the successive respective holders of the Bonds and interest coupons issued hereunder, by taking and holding the same, shall be conclusively deemed to have so appointed it) the true and lawful attorney-in-fact of the respective holders of the Bonds and interest coupons, with authority to make or file, irrespective of whether the Bonds or any of them are in default as to payment of principal or interest, in the respective names of the holders of the Bonds or interest coupons, or in behalf of all holders of the Bonds, or of interest coupons pertaining to the Bonds, as a class or classes, any proof of debt, amendment of proof of debt, petition or other document, to receive payment of any sum or sums becoming distributable on account thereof, and to execute any and all other papers and documents and to do and perform any and all acts and things for and in behalf of the respective holders of the Bonds or interest coupons, or in behalf of such holders as a class or classes, as may be necessary or advisable in the opinion of any such attorney-in-fact in order to have the respective claims of such holders of Bonds or interest coupons allowed in any equity receivership, insolvency, liquidation, bankruptcy or other proceedings to which the State of Illinois or the University may at any time be a party, and to receive payment of or on account of such claims; and each and every receiver, assignee or trustee in bankruptcy is hereby authorized by each of the respective holders of the Bonds and interest coupons to make such payments to such attorney-in-fact, and, in the event that such attorney-in-fact shall consent to the making of such payments directly to such holders, to pay to such attorney-in-fact any amount which may be due to it for compensation and expenses, including counsel fees, incurred by it up to the date of such distribution.

ARTICLE ELEVEN
Modification and Amendment of the Resolution

SECTION 11.01. Amendment by Consent of Bond Holders. This Resolution and the rights and obligations of the University and of the holders of the Bonds and coupons may be modified or amended at any time by resolution supplemental hereto adopted by the Board of Trustees pursuant to the affirmative vote at a meeting of Bond holders held in accordance with this Article, or with the written consent of the holders of sixty-six and two-thirds per cent (662/3%) in principal amount of all of the Bonds then outstanding; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on, or otherwise alter or impair the obligation of the University to pay the principal or interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any Bond without the express consent of the holder of such Bond, or (ii) permit the creation by the University of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held hereunder, except as permitted by this Resolution, other than the lien and pledge created by this Resolution, or (iii) permit the creation of a preference or priority of any Bond or Bonds over any other Bond or Bonds or coupon or coupons, or (iv) reduce the percentages of Bonds required for the affirmative vote or written consent to an amendment or modification, without the written consent of holders of all Bonds, and without the written assent of the Trustee thereto, no such modification or amendment shall modify any of the rights or obligations of the Trustee at the time acting hereunder.

SECTION 11.02. Bond Holders Meetings. The University may at any time call a meeting of the holders of Bonds. Every such meeting shall be held at such place in the City of Chicago, State of Illinois, as may be specified in the notice calling such meeting. Written notice of such meeting, stating the place and time
of the meeting and in general terms the business to be submitted, shall be given by the University to the Trustee who shall mail a copy of such notice, postage prepaid, not less than thirty (30) nor more than sixty (60) days before such meeting, (a) to each registered owner of Bonds then outstanding, at his address, appearing upon the books of registration, and (b) to each holder of any Bond payable to bearer who shall have filed with the Trustee as Bond Registrar an address for notices, and such notice shall be published by the University at least once a week for two (2) successive weeks in a daily newspaper published in the English language and having a general circulation in the City of Chicago, State of Illinois, and also by similar publication in a financial newspaper published in the Borough of Manhattan, in the City of New York, State of New York, the first publication to be not less than thirty (30) nor more than sixty (60) days prior to the meeting; provided, however, that the mailing of such notice shall in no case be a condition precedent to the validity of any action taken at any such meeting.

Section 11.03. Attendance in Person or by Proxy. Attendance and voting by Bond holders at such meeting may be in person or by proxy. Owners of Registered Bonds may, by an instrument in writing under their hands, appoint any person as their proxy to vote at any meeting for them.

In order that holders of Bonds payable to bearer or their proxies may attend and vote without producing their Bonds, the University may make and from time to time vary such regulations as it shall think proper for the deposit of Bonds with, or exhibit of Bonds to, any banks or trust companies wherever situated, and for the issue by them, to the persons depositing or exhibiting such Bonds, of certificates in form approved by the University which shall constitute proof of ownership entitling the holders thereof to be present and vote at any such meeting and to appoint proxies to represent them and vote for them at any such meeting in the same way as if the persons so present and voting, either personally or by proxy, were the actual bearers of the Bonds in respect of which such certificates shall have been issued, and any regulations so made shall be binding and effective. Copies of such regulations shall be kept on file in the offices of the Trustee in Chicago, Illinois, and the Secretary of the University.

Any registered owner of Bonds or any holder of a certificate provided for in this Section 11.03 shall be entitled in person or by proxy to attend and vote at such meeting as holder of the Bonds registered or certified in his name, without producing such Bonds. All others seeking to attend or vote at such meeting in person or by proxy must produce the Bonds claimed to be owned or represented at such meeting, and all persons seeking to attend or vote at such meeting in person or by proxy shall, if required, produce such further proof of Bond ownership or personal identity as shall be satisfactory to the University. All proxies presented at any meeting shall be delivered to the inspectors of votes and filed with the University.

Section 11.04. Amendments by Written Consent of Bond Holders. The University may at any time adopt a valid resolution amending the provisions of the Bonds or of this Resolution or of any resolution supplemental hereto, to the extent that such an amendment is permitted by the provisions of Section 11.01, to take effect when and as provided in this Section. A copy of such resolution, together with a request of the University to Bond holders for their consent thereto, shall be mailed by the Trustee to each registered owner of Bonds and notice of the adoption thereof shall be published in the manner provided in Section 11.02 for the mailing and publication referred to in that Section (but failure to mail copies of such resolution and request shall not affect the validity of the resolution when assented to as in this Section provided). Such resolution shall not be effective unless and until there shall have been filed with the Trustee the written consents of the percentage of holders of outstanding Bonds specified in Section 11.01. Each such consent shall be effective only if accompanied by proof of ownership of the Bonds for which such consent is given, which proof shall be such as is permitted by Section 11.03. Any such consent shall be binding upon the holder of the Bonds giving such consent and on any subsequent holder of such Bonds (whether or not such subsequent holder has notice thereof).

Section 11.05. Supplemental Resolutions or Amendments Without Consent of Bond Holders. The Board of Trustees may from time to time and at any time, subject to the conditions and restrictions in this Resolution contained, but without
requiring the consent of the holders of any of the Bonds, adopt a resolution or resolutions supplemental hereto, which shall thereafter form a part hereto for any one or more or all of the following purposes:

(a) To add to the covenants and agreements of the University in this Resolution contained, other covenants and agreements thereafter to be observed and/or to surrender any right or power herein reserved to or conferred upon the Board of Trustees;

(b) To clarify any ambiguity or to clarify, correct or supplement, any defect or inconsistent provision contained in this Resolution or any resolution supplemental hereto; and

(c) To provide for the issuance of additional Bonds hereunder upon the terms and conditions in this Resolution specified.

Section 11.06. Endorsement of Bonds. Bonds authenticated and delivered after the effective date of any action taken as provided in this Article Eleven may bear a notation by endorsement or otherwise in form approved by the University and the Trustee as to such action, and in that case upon demand of the holder of any Bond outstanding at such effective date and presentation of his Bond for the purpose of the Trustee a suitable notation shall be made on such Bond by the Trustee as to any such action. If the University shall so determine, new Bonds so modified as to conform to such action shall be prepared, authenticated and delivered, and upon demand of the holder of any Bond then outstanding shall be exchanged at the office of the Trustee in the City of Chicago, Illinois without cost to any Bond holder, for Bonds then outstanding, upon surrender of such Bonds with all unmatured coupons, if any, appertaining thereto.

Section 11.07. Exclusion of Bonds. Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of any vote or consent or other action or any calculation of outstanding Bonds in this Article provided for, and shall not be entitled to vote or consent or take any other action in this Article provided for.

ARTICLE TWELVE

MISCELLANEOUS

Section 12.01. Benefits of Bond Holders Limited to Parties. Nothing in this Resolution, expressed or implied, is intended or shall be construed to confer upon, or to give to, any person, firm or corporation other than the University, the Trustee and the holders of the Bonds and of the coupons outstanding, any right, remedy or claim under or by reason of this Resolution, and any covenants, stipulations, promises and agreements in this Resolution contained by and on behalf of the University shall be for the sole and exclusive benefit of the University, the Trustee, and of the holders of Bonds and of the coupons outstanding.

Section 12.02. Successor is Deemed Included in All References to Predecessor. Whenever in this Resolution or any resolution supplemental hereto either the University or the Trustee is named or referred to, such reference shall be deemed to include the successors or assigns thereof, and all the covenants and agreements in this Resolution contained by or on behalf of the University shall bind and inure to the benefit of the respective successors and assigns thereof whether so expressed or not.

Section 12.03. Discharge of Resolution. If all of the outstanding Bonds shall have matured, or shall have been duly called for redemption and the redemption date thereof shall have arrived, and if the University shall have deposited with the Trustee in trust, funds pursuant to this Resolution sufficient to pay and available for the payment of all amounts due on all Bonds then outstanding, including all principal, interest and redemption premiums, if any, and provision shall also be made for paying all other sums payable hereunder by the University, then, notwithstanding that any Bonds or interest coupons shall not have been surrendered for payment, the pledge of the income provided for in this Resolution and all other obligations of the University under this Resolution shall cease and terminate except as hereinafter in the next succeeding paragraph provided.

Any such funds held by the Trustee which have not been disbursed in the payment of Bonds and interest as aforesaid during the period of ten (10) years after the deposit referred to in the foregoing paragraph, shall be repaid to the
University by the Trustee on written request of the University together with the schedule of the Bonds not paid or redeemed and thereupon the holder of any of the Bonds or coupons entitled to receive such payments, shall thereafter look only to the University for the payment thereof; provided, however, that the Trustee before being required to make such repayment, shall at the expense of the University, effect publication once a week for two successive weeks in a daily newspaper published in the English language, and having a general circulation in the City of Chicago, State of Illinois, and also by a similar publication in the Borough of Manhattan, in the City and State of New York, a notice to the effect that said moneys have not been so applied and that after a date named in said notice, any unclaimed balance of said moneys then remaining, will be returned to the University.

No Bond or appurtenant coupon shall, after the maturity thereof either according to its terms or through call of such Bond for earlier redemption, be deemed to be outstanding provided that moneys in the requisite amount for the payment thereof shall have been deposited with the Trustee, as trust funds, and are available for payment of such Bond or coupon upon demand.

 SECTION 12.04. Execution of Documents by Bond Holders. Any request, declaration or other instrument which this Resolution may require or permit to be signed and executed by Bond holders may be in one or more instruments of similar tenor, and shall be signed or executed by Bond holders in person or by their attorneys-in-fact appointed in writing.

Except as otherwise herein expressly provided, the fact and date of the execution by any Bond holder or his attorney-in-fact of such request, declaration or other instrument or writing appointing such attorney-in-fact may be proved by the certificate of any notary public or other officer authorized to take acknowledgments of deeds to be recorded in the State in which he purports to act, that the person signing such request, declaration or other instrument or writing acknowledged to him the execution thereof, or by an affidavit of a witness of such execution, duly sworn to before such notary public or other officer.

Except as otherwise herein expressly provided in this Resolution, the amount of Bonds transferable by delivery held by any person executing such request, declaration or other instrument or writing as a Bond holder, and the numbers thereof, and the date of his holding such Bonds, may be proved by a certificate, which need not be acknowledged or verified, satisfactory to the Trustee, executed by a trust company, bank, investment banker, dealer, broker or other depositary wherever situated, showing that at the date therein mentioned such person exhibited to or had on deposit with such depositary the Bonds described in such certificate. Continued ownership after the date of deposit stated in such certificate may be proved by the presentation of such certificate if the certificate contains a statement by the depositary that the Bonds therein referred to are in fact held on deposit by such depositary and will not be surrendered without the surrender of the certificate to the depositary. The Trustee may nevertheless in its discretion require further or other proof in cases where it deems the same desirable. The ownership of registered Bonds and the amount, maturity, number and date of holding the same shall be proved by the registry books.

Any request, declaration or other instrument or writing of the owner of any Bond shall bind all future owners of such Bond in respect of anything done or suffered to be done by the University or by the Trustee hereunder in good faith and in accordance therewith.

 SECTION 12.05. Waiver of Personal Liability. No officer, agent or employee of the University shall be individually or personally liable for the payment of the principal of or interest on the Bonds; but nothing herein contained shall relieve any such officer, agent or employee from the performance of any official duty provided by law.

 SECTION 12.06. Official Publication. Any publication to be made under the provisions of this Resolution in successive weeks may be made in each instance upon any business day of the week and need not be made on the same day of any succeeding week nor in the same newspaper for any or all of the successive publications, but may be made in different newspapers.

 SECTION 12.07. Partial Invalidity. If any one or more of the covenants or agreements, or portions thereof, provided in this Resolution should be contrary to law, then such covenant or covenants, such agreement or agreements or such
portions thereof, shall be null and void and shall be deemed separable from the remaining covenants and agreements or portions thereof and shall in no way affect the validity of this Resolution or of the Bonds.

SECTION 12.08. Headings and Index. Any headings preceding the texts of the several articles hereof and any table of contents appended to copies hereof shall be solely for convenience of reference and shall not constitute a part of this Resolution, nor shall they affect its meaning, construction or effect.

SECTION 12.09. Covenants Not to Be Deemed Covenants of Any Present or Future Officer, Agent or Employee of University. All covenants, stipulations, obligations and agreements of the University contained in this Resolution shall be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by law and permitted by the Constitution of the State of Illinois, and no covenants, stipulations, obligations or agreements contained herein shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future officer, agent or employee of the University in his individual capacity, and no officer executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issue thereof. No officer, agent or employee of the University shall incur any personal liability in acting or proceeding or in not acting or not proceeding in good faith, reasonably and in accordance with the terms of this Resolution and applicable law.

SECTION 12.10. Resolution Effective on Passage. This Resolution shall become effective upon its passage.

.........................................................

President

Attest:

.........................................................

Secretary

STATE OF ILLINOIS
COUNTY OF

I, ........................................................., do hereby certify that I am the duly elected, qualified and acting Secretary of The Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the ........................................... day of ........................................., 19........., all as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this ........................................... day of ........................................., 19.........,

.........................................................

Secretary as aforesaid.

On motion of Mr. Herrick, the foregoing resolution was adopted and the President and the Secretary of the Board were authorized to sign the same on behalf of the Board of Trustees of the University of Illinois by the following vote of record: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

SIGNATURES OF MEMBERS OF THE BOARD OF TRUSTEES ON HOUSING REVENUE BONDS

Subsequent to the adoption of this Resolution, the President of the Board designated Mr. Timothy W. Swain, Chairman of the Finance Committee, and Mrs. Frances B. Watkins, a member of the Finance Committee, to sign “The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B,” along with the President and the Secretary of the Board.
RESOLUTION DELEGATING SIGNATURES FOR HOUSING REVENUE BONDS CONSTRUCTION FUND ACCOUNT

Mr. Bissell offered the following resolution:

WHEREAS, the Board of Trustees of the University of Illinois on November 19, 1958, designated the Harris Trust and Savings Bank, Chicago, as the depository for the Construction Fund Account for the Housing Revenue Bonds of 1958, Series A and B, which account is entitled "Construction Fund, Housing Construction of 1958," and authorized said Bank to act as investment counsel for the purchase of government securities as temporary investment of said Fund:

Therefore, It Is Hereby Resolved by the Board of Trustees of the University of Illinois, a public corporation, that the President of the Board of Trustees be and hereby is authorized to delegate to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood authority to sign his name as President of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958 Account, covering vouchers approved in accordance with regulations of the Board.

The Secretary of the Board of Trustees be and hereby is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith authority to sign his name as Secretary of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958, covering vouchers approved in accordance with regulations of the Board.

Be It Further Resolved, that the Harris Trust and Savings Bank of Chicago, as designated depository for the Construction Fund, Housing Construction of 1958, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or countersigner thereof, when bearing the facsimile signatures of the two following: Park Livingston, President, and A. J. Janata, Secretary; and the Harris Trust and Savings Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures duplicate the facsimile specimens duly certified to or filed with the Harris Trust and Savings Bank of Chicago by the Secretary or other officer of this Corporation; and

Be It Further Resolved, that H. O. Farber, Comptroller of this Board, is hereby authorized to direct the Harris Trust and Savings Bank to execute orders for the purchase, sale, or exchange of United States Government securities acquired as temporary investment of said Construction Fund, and H. O. Farber is further authorized to delegate to C. C. DeLong and to W. M. Griffith authority to sign his name to such orders.

On motion of Mr. Bissell, the foregoing resolution was adopted.

RAILROAD SIDING FOR CENTRAL FOOD STORES BUILDING

(3) The construction of a new railroad siding from the main line of the Illinois Central Railroad south of Champaign to the campus area west of Oak Street extended and south of Stadium Drive is necessary to provide adequate freight service to the new Central Food Stores Building. This siding will be taken off the present rail line immediately south of Stadium Drive and extend on the east side of the tracks to a lower level west of the new building, a total of approximately 626 feet of track.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize (1) an agreement with the Illinois Central Railroad Company for the construction of a siding and the payment by the University to the Company of $11,106 for the cost of the same; under this agreement the University will provide for the relocation and adjusting of existing power lines at the expense of the University; and (2) adopt the following resolution:

Resolution

Be It and It Is Hereby Resolved by this Board of Trustees of the Board of Trustees of the University of Illinois that the Comptroller and Secretary of this public corporation be, and they hereby are authorized, for and on behalf of this public corporation to execute, acknowledge, and deliver a grant of easement and such other documents as may be necessary to convey to Illinois Central Railroad
Company, its grantees, successors, and assigns, an easement for railroad purposes in, over, and across a seventeen-foot wide strip of land extending from the east side of the Illinois Central Railroad Company's right of way at a point immediately south of Stadium Drive in a southeasterly and southerly arc, to and along the west side of the new Central Food Stores Building, covering approximately 626 linear feet of track, as shown on a blueprint entitled "I.C.R.R. Champaign-Ill. Proposed Track to Serve Univ. of Ill. Warehouse" prepared by the Office of the Division Engineer in Champaign, Illinois, dated May 22, 1957, and filed as File: C-11 in the Illinois Central Railroad Company's files, located in the Southeast One Quarter (SE ¼) of Section 13, Township Nineteen North (T 19 N), Range Eight East (R 8 E) of the Third Principal Meridian (3rd P.M.), Champaign County, Illinois, for the construction, maintenance, repair, renewal, use, and removal of railroad tracks and the pertinent facilities in, over, and across the above-described premises, for and in consideration of the sum of One Dollar ($1.00) and other good and valuable consideration, for so long as the rights herein conveyed are used for the purposes herein set forth.

I concur.

On motion of Mr. Hughes, this recommendation was approved, and the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain. Mr. Johnston asked to be excused from voting.

LIMOUSINE SERVICE AT THE UNIVERSITY OF ILLINOIS AIRPORT

(4) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that the Board of Trustees authorize a franchise granting an exclusive privilege of soliciting limousine and taxicab passengers within the terminal area and the Terminal Building at the University of Illinois Airport.

They further recommend that an agreement be entered into with Glenco Motors, Inc., Champaign, granting this operator an exclusive franchise. Sealed bids were received in answer to an advertisement in the official newspaper of the state inviting bids on such a franchise. The best bid is from Glenco Motors, Inc., Champaign, which proposes to pay the University $275 per month for this franchise.

The Director and the Vice-President and Comptroller recommend authorization of a franchise with Glenco Motors, Inc., and of an agreement covering the same, effective January 1, 1959, and continuing for a period of three years.

I concur.

On motion of Mr. Williamson, this recommendation was approved.

CONTRACT FOR ARCHITECTURAL SERVICES FOR RESIDENCE HALL FOR GRADUATE STUDENTS

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Hewitt and Bastian, Peoria, for the design of a residence hall for graduate students at the standard fee of 6 per cent of the construction contracts for complete architectural and engineering services, including supervision of construction. Mr. Ambrose Richardson, Consulting Architect, will review the designs of this building in accordance with current arrangements with him on designs of new University buildings in general. The estimated fee to be paid under this contract is $45,000.

The Committee on Buildings and Grounds has previously reviewed this recommendation and approves.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

CONTRACT FOR COMMUNICATION SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(6) The Director of the Physical Plant and the Comptroller recommend award of a contract for $6,552 to Rich Sound Engineers, Inc., Chicago, the lowest bidder,
for installation of a nurse-patient audio call system in the following patient areas of the Research and Educational Hospitals: seventh, tenth, and eleventh floors of the hospital addition; third and fourth floors of the Neuropsychiatric Institute; third floor, west, of the general hospital building.

Funds are available in an appropriation made by the Board of Trustees.

I concur.

On motion of Mrs. Holt, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

**Contract for Bakery Equipment for Central Food Stores Building**

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for $111,346 to Moreau and Risch, Inc., Milwaukee, Wisconsin, the lowest bidder, for the food service equipment for the Central Food Stores Building.

Funds will be available in the proceeds of the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B."

I concur.

On motion of Mrs. Holt, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Nickell, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Swain.

**Addition to Contracts for Physics Building**

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend an addition of $8,581.58 to the contract with the Mayfair Construction Company, Chicago, for general work on the Physics Building.

This change will provide for interior refinements which were not developed in the planning before plans and specifications were sent to bidders. The principal items are a ventilation system for the retention tank in which radioactive material will be handled, and interior coating of all fume and isotope hood exhaust fans for protection against corrosion. The estimate has been checked by the Department of Physics and the architects.

I concur.

On motion of Mr. Bissell, the Comptroller was authorized to execute this change in the contract.

**National Defense Education Act of 1958**

(9) Public Law 85-864, the National Defense Education Act of 1958, passed in the closing days of the Eighty-fifth Congress, authorizes certain programs of financial aid to students in institutions of higher education. There is submitted herewith a memorandum, a copy of which is being filed with the Secretary of the Board for record, outlining the several provisions of this law which involve colleges and universities and which will be administered by the United States Office of Education in the Department of Health, Education, and Welfare.

Title II of the law provides federal assistance through the establishment at institutions of higher education of funds for low-interest loans to students, with preference to be given superior students in mathematics, science, engineering, modern languages, and elementary or secondary education.

A participating institution is required to provide 10 per cent of the fund so established. A student may be loaned up to $7,000 in one year with a $5,000 maximum. Repayment installments of the loan generally would start one year after the student leaves the college or university, and interest at the rate of 3 per cent a year would be charged effective at the time repayments start. Up to 50 per cent of the loan may be canceled and charged against the government's contribution if the student teaches in elementary or secondary schools. At the close of the program, balances then held and received from loan repayments and interest will be returned in the ratio contributed.
The United States Office of Education has now requested institutions wishing to participate to file applications for funds to be used during the second semester of the current academic year, 1958-59.

Several weeks ago that office requested an informal estimate of the amount that could be utilized by the University of Illinois during the second semester of the current year for this purpose, and the University replied that $72,944 could possibly be used. This figure was determined by estimating the need and applying to the total funds presently appropriated and allocated to the state of Illinois the ratio of full-time students enrolled at the University to the full-time students enrolled in all eligible institutions in the state.

The Office of Education has now advised that if the nation-wide demand for loans materially exceeds the funds presently appropriated, Congress will be promptly requested to make additional appropriations. Hence, the amounts finally available to the University for use during this academic year may be materially in excess of the $72,944 estimate.

Because of the uncertainty of the demand and the amount to be finally available, it is requested that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents to secure a grant not to exceed $72,000 for this purpose, although probably approximately $72,000 will be initially requested; and that an appropriation be made to provide the University funds required from available and unassigned balances received as reimbursement of indirect costs under government contracts, in an amount equal to one-ninth of that received from the federal government as a grant, but not exceeding $20,000.

I concur.

On motion of Mr. Williamson, this recommendation was approved.

**COMMONWEALTH GRANT FOR STUDY AND EVALUATION OF MEDICAL EDUCATION**

The Commonwealth Fund has made a grant of $112,000 to the University of Illinois in support of a two-year pilot program of educational research by the College of Medicine.

During the period since World War II there have been rapid and far-reaching changes in the goals and concepts of medical education. These changes have been accompanied by the acquisition of a tremendous amount of new knowledge gained from research. The pilot program of educational research supported by the Commonwealth Fund will be directed toward the establishment of an educational program that is best suited to future needs of this institution. In seeking to achieve this goal, the program of study and evaluation will include the assessment of the patterns of and needs for participation in patient care programs of health professions personnel other than physicians. An attempt will be made also to determine how the College of Medicine can best draw upon the resources of other departments in the University and other institutions in the Medical Center District and how, in return, the College of Medicine can best provide assistance to the programs of these departments and institutions.

The grant from the Commonwealth Fund will also enable the College of Medicine to establish a center of educational research which will have enduring value to the University.

I have accepted this grant and report it for the record.

On motion of Mr. Williamson, the President's action was confirmed.

**MOORMAN ANIMAL BREEDING RESEARCH FARM**

The Moorman Manufacturing Company of Quincy has offered to make a grant of $200,000 to the University of Illinois to assist in establishing an improved research program in animal breeding in the College of Agriculture and the Agricultural Experiment Station.

The company proposes to make a payment of $100,000 in December, 1958, $50,000 in September, 1959, and the final $50,000 in June, 1960, these dates to be subject to adjustment to suit the convenience of the University upon ten days notice to the donor.

I have accepted this offer with an expression of official appreciation on behalf of the University, and request confirmation of this action. I also recommend that
the new facilities which this grant will make possible be named "The Moorman Animal Breeding Research Farm."

The funds will be used for buildings, equipment, and facilities on a completely new research area on land already owned by the University adjacent to the Urbana-Champaign campus. The University has for many years been interested in increasing its facilities for animal breeding research. It is to help satisfy this need that the Moorman Company has made its funds available. The grant will enable the University to create the needed facilities to concentrate on specialized problems of animal breeding theory and practice.

The Moorman Company was interested in making this grant to the University of Illinois because it has one of the outstanding animal breeding research teams in the world. This team plans to expand its research into four general fields. Professors A. V. Nalbandov and P. J. Dziuk will work in the area of artificial insemination and the physiology of reproduction, including studies of fertility, sterility, and embryonic mortality. Professor H. W. Norton will study in the field of population genetics, including methods of animal breeding and selection. Professor B. A. Rasmusen plans to study problems of immunogenetics and serology, especially the inheritance of blood groups. Coordinated research on the part of these four scientists will give an over-all approach to studies of animal physiology and genetics. In addition, the setup will offer the counsel and cooperation of other staff members in the University's Department of Animal Science as well as those in other departments and colleges.

First units of this new breeding research facility will be planned primarily for swine research. Later units will be designed and built for other classes of livestock. Each unit will be constructed to make best use of this completely new approach to scientific study of animal breeding problems.

The new research farm will include facilities to study swine housing, environment control, and the latest equipment and automatic management devices for ideal study conditions. It will be entirely separate from present University swine farm facilities. Plans presently include two purebred and three crossbred swine herds to be raised for use in the studies.

Long-range results from this expanded program should be of large economic value to the swine industry. One research project in this program will measure improvement rate of economic characters by selection. Others will compare rates of improvement in different breeding methods, as well as ways of predicting potential economic value by studying physiological traits, studying the effects of hormone injections and checking the effects of different environments.

On motion of Mrs. Holt, the President's action was confirmed.

REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

Following is a report of gifts, grants, and contract funds received by the University from outside sources during the fiscal year July 1, 1957, through June 30, 1958. This report includes funds from private donors and funds received from governmental agencies and covers all payments received during the fiscal year. In many cases a period of several months elapses between the time an offer is received and accepted and final payment is made.

In a number of cases, grants and gifts were previously reported to the Board when the offers were received, and likewise the Comptroller's monthly reports include numerous research contracts for which funds have not been received. These are being included here in order to present a complete report of all funds received from outside sources during the fiscal period.

The contracts have all been properly executed by the Secretary and the Comptroller of the Board. The gifts and grants have been accepted and acknowledged by the President or other appropriate University officer with an expression of appreciation on behalf of the University and the Board of Trustees.

Colleges and Schools at Urbana-Champaign

Undergraduate Scholarships, Prizes, and Other Financial Aids

1. Advertising Executives Club of Chicago: scholarship in advertising, College of Journalism and Communications. .....................$ 100.00
2. The Alcoa Foundation, Pittsburgh, Pennsylvania:
   For undergraduate scholarships ................................ 125.00
   (This was a grant to the University supplementing a scholarship...
award to a recipient of one of the Alcoa Foundation's scholarships established for sons and daughters of the Aluminum Company of America.


5. Alpha Phi Omega, national service fraternity: scholarships.


13. Barber-Green Company: to add to the undergraduate scholarship funds.


15. Campus Chest, University of Illinois undergraduate fund-raising organization: scholarships.


18. Chicago Title and Trust Company Foundation, Chicago: scholarships in the College of Law.

19. Mr. Warren E. Compton, St. Louis, Missouri: to establish the Bertha L. Compton Memorial Scholarship, the scholarship award to be made annually from income earned on the principal.


24. George W. Doak Memorial Scholarship Fund (This fund was established by the family and friends of the late George W. Doak of Metamora, Illinois. Mr. Doak, a graduate of the University of Illinois, taught vocational agriculture at Washburn and Metamora high schools for twenty years and at the time of his death had served ten years as state supervisor of agricultural education): scholarship in vocational agriculture.


27. Federal Land Bank of St. Louis, St. Louis, Missouri: two scholarships, $500 each, in agriculture for freshman students, academic year 1958-59.
28. Mr. and Mrs. Forrest L. Forsythe, Chicago: for the Robert Wade Forsythe Memorial Scholarship in architecture, academic year 1957-58.....................

29. Foundry Educational Foundation, Cleveland, Ohio: scholarships in mechanical engineering, academic year 1957-58.................................................


32. General Electric Educational and Charitable Fund, Schenectady, New York: scholarships...........................................................

33. General Motors Corporation, Detroit, Michigan: scholarships under the General Motors "College Plan," academic year 1957-58..................

34. Illini Union Student Activities (from proceeds of High School Circus): scholarships, academic year 1957-58............................

35. Illinois Association for the Crippled: scholarship in occupational therapy..................................................

36. Illinois Congress of Parents and Teachers: two scholarships, $2,000 each, one for any field of teacher training and one for preparation to teach the mentally handicapped.

37. Illinois Federation of Women's Clubs, Third District: scholarships in occupational therapy..........................................

38. Illinois Mining Institute: two scholarships, $400 each, in mining engineering........................................................

39. Illinois Occupational Therapy Association: scholarship in occupational therapy..................................................

40. Illinois State Federation of Labor: two scholarships, $500 each, one for Cook County and the other for downstate Illinois..............

41. Illinois State Restaurant Association, Springfield: scholarship in restaurant management..........................................

42. International Nickel Company, Inc., New York, New York: scholarships in mining or metallurgical engineering or geology..........................

43. Illiniweks, Chicago: scholarship for a junior or senior student from the Chicago area who is active in campus affairs.

44. Junior Women's Advertising Club of Chicago: scholarship for two women students in the advertising program of the College of Journalism and Communications..........................................

45. Junior Women's Advertising Club of Chicago: scholarship for two women students in the advertising program of the College of Journalism and Communications..........................................

46. Kroger Company, Cincinnati, Ohio: six scholarships, $250 each, in agriculture and home economics..........................

47. Kroger Company, Cincinnati, Ohio: six scholarships, $250 each, in agriculture and home economics..........................

48. Captain James M. Lane, Columbus, Ohio, former Professor of Naval Science and Tactics at the University of Illinois: scholarship for academic years 1957-58 ($400) and 1958-59 ($500)........

49. Linde Air Products Company, a Division of Union Carbide and Carbon Corporation, New York, New York: two scholarships in mechanical engineering, academic year 1957-58..................

50. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children..........................................

51. Lyons Lions Club, Lyons, Illinois: scholarships for students training to teach handicapped children..........................
<table>
<thead>
<tr>
<th>Institution</th>
<th>Amount</th>
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<tr>
<td>South East Lions Club, Chicago</td>
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<td>Other Lions Clubs of Chicago</td>
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<td>Magnavox Company, Fort Wayne, Indiana</td>
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<td>Other Lions Clubs of Chicago</td>
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<tr>
<td>Nonacademic Employees’ Council, University of Illinois, Urbana</td>
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<td>Old Ben Coal Company, Chicago</td>
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<tr>
<td>Owens Illinois Glass Company, Toledo, Ohio</td>
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<td>Pittsburgh Consolidation Coal Company, Library, Pennsylvania</td>
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<td>The Presser Foundation, Philadelphia, Pennsylvania</td>
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<td>Procon Inc., Des Plaines, Illinois</td>
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<td>Radio Corporation of America, Princeton, New Jersey</td>
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<td>Ralston Purina Company, St. Louis, Missouri</td>
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<td>Rock Island County Mothers Association</td>
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<td>Sahara Coal Company, Inc., Chicago</td>
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<td>Bequest of Edward H. Schlader</td>
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<td>The Scully Foundation, Chicago</td>
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<tr>
<td>Sears-Roeuck Foundation, Chicago</td>
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<tr>
<td>Alfred P. Sloan Foundation, Inc., New York, New York</td>
<td>7,000.00</td>
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<tr>
<td>Square D Company, Detroit, Michigan</td>
<td>1,200.00</td>
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</tbody>
</table>
79. Stonefort Corporation, Indianapolis, Indiana: for a four-year scholarship, $500 a year, in mechanical, civil, electrical, mining, or general engineering, beginning September, 1958.............. 500 00
80. Student Organizations, University of Illinois: scholarships.................. 1 500 00
81. Student Senate, University of Illinois: $1,000 for the Student Senate Scholarship Fund, and $1,000 for the Student Senate Loan Fund.............................................................. 2 000 00
82. The Texas Company, New York, New York: a scholarship for a freshman student, academic year 1957-58; this includes $100 to the department of the student's major study................................. 275 00
83. Tomahawk Fraternity, national sophomore activity honorary, University of Illinois Chapter: scholarship for a male student.................. 100 00
84. Truck Line, Inc., Toledo, Ohio: Beatrice Keeshin Scholarship, academic year 1958-59................................................................. 500 00
85. Union Carbide Chemicals Company, Division of Union Carbide Corporation, South Charleston, West Virginia: for the Union Carbide Engineering Scholarship, awarded to a student in chemical engineering, academic year 1957-58.......................................................... 600 00
86. United States Rubber Company, New York, New York: scholarships, academic years 1957-58 and 1958-59........................................... 3 800 00
87. Universal Oil Products Company, Des Plaines, Illinois: scholarships in chemical engineering, academic year 1958-59; this includes a grant of $500 to the Department of Chemistry and Chemical Engineering to help defray increased costs of educating students...... 1 500 00
88. Mr. Ronald E. Wales, Lockport, Illinois: to be added to the Undergraduate Scholarship Fund.......................................................... 210 00
89. Western Electric Company, Chicago: three scholarships in engineering, academic year 1957-58...................................................... 1 200 00
90. Westinghouse Electric Corporation, East Pittsburgh, Pennsylvania: for the Westinghouse Air Arm Division scholarships in engineering, academic year 1957-58.............................................. 1 500 00
91. Zeta Tau Alpha Foundation, Evanston, Illinois: for the Zeta Tau Alpha Scholarship in honor of Shirley Keesan Strout, to be awarded to a woman student in the College of Journalism and Communications........................................... 250 00
92. Agricultural Institute, Washington, D.C.: for the Robert R Hudelson Student Fund............................................................... 100 00
93. Alfred S. Alschuler, Jr., Chicago: to the Department of Architecture for an award to a student in architecture.................................. 25 00
94. The American Assembly, Columbia University, New York, New York: for a conference on problems of Illinois state government........... 2 750 00
95. American Dairy Association of Illinois, Inc., Chicago: to the Department of Agricultural Economics for employment of an information specialist in the Extension Service in the field of dairy marketing....................................................... 2 500 00
96. The Babcock and Wilcox Company, New York, New York: for University use in engineering and technical education, being part of an over-all aid-to-education appropriation apportioned on the basis of the number of University of Illinois graduates currently employed by the Babcock and Wilcox Company........................................ 1 300 00
97. Collins Foundation, Cedar Rapids, Iowa: to the College of Engineering to supplement the income of a part-time instructor or graduate assistant who is working for the Ph.D. degree........................................... 1 500 00
98. Creole Foundation, New York, New York: unrestricted grant for educational programs................................................................. 1 000 00
99. Educational Television and Radio Center, Ann Arbor, Michigan: to Station WILL for the production of a series of radio programs on "The Composer in the World of Today".................................................. 1 200 00
100. Dr. Arthur L. Ennis, Decatur, Illinois: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund.................................................... 100 00
101. Farmer City Grain Company, Farmer City, Illinois: to support extension work in the Department of Agronomy........................................... 750 00
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102. The Farm Foundation, Chicago: to the Department of Agricultural Economics for a legal-economics symposium held at the University of Illinois the week of June 16, 1958. 800 00

103. The Ford Foundation, New York, New York: to the University of Illinois Press to stimulate scholarly publication in the humanities and the social sciences. 5 430 00

104. General Motors Corporation, Detroit, Michigan: an unrestricted grant for general University expense in recognition of the services of University officers in connection with the General Motors National Scholarship program. 1 000 00

105. The Glidden Company, Cleveland, Ohio: to the Department of Chemistry and Chemical Engineering for the Glidden Company Lecture in Chemistry. 500 00

106. Government of France: to assist outstanding students in their studies in French. 200 00

107. Illinois Dairy Products Association, Inc.: to the Department of Dairy Science in support of its cream quality program. 6 184 21

108. The Illinois Seed Dealers Association, Sullivan, Illinois: to the Department of Agronomy for operating expenses of an exhibit trailer purchased a few years ago with a gift from this association. 1 000 00

109. Importer's Association, Inc., Chicago: an award to an undergraduate student for the best 5,000-word essay on "Import Potentialities of the Midwest". 500 00

110. The Indiana Limestone Institute, Bedford, Indiana: prizes to three undergraduate students in architecture. 1 000 00

111. Institute of Life Insurance, New York, New York: for a summer workshop in education in family finance. 6 371 02

112. Kappa Tau Alpha, national honorary society in journalism: an annual monetary award to graduating senior members of the society as a memorial to the late Harold Roettger, a 1935 graduate of the University. 2 000 00

113. Mrs. Nora Kasdon, Honolulu, Hawaii: to be added to the student loan funds. 50 00

114. The W. K. Kellogg Foundation, Battle Creek, Michigan: for operating costs of the International Conference of Agricultural Economists. 14 500 00

For the National Association of Educational Broadcasters in support of educational broadcasting. 48 786 00

115. Kivett and Myers and McCallum, Kansas City, Missouri: for an award to a student in architecture. 100 00

116. Lawyers Title Insurance Company, Richmond, Virginia: the company's annual award to a senior law student for excellence in scholarship. 100 00

117. League of Choreographers and Composers of Springfield, Illinois: for a student loan fund. 300 00

118. Estate of Jennie M. Long: for the assistance of students in the Department of Architecture. 30 514 23

119. Magnolia Petroleum Company and its parent company, Socony Mobil Company, Dallas, Texas: for purchase of nuclear magnetic and electronic resonance supplies and equipment for the Department of Physics. 2 500 00

120. Maize Genetics Cooperation: to the Department of Botany for the cost of publication of the Maize Genetics Cooperation Newsletter. 465 00

121. Nonacademic Employees' Council, University of Illinois: for service awards to employees. 450 00

122. Perkins and Will, Chicago: an unrestricted grant to the Department of Architecture. 1 500 00

123. Rohm and Haas Company, Philadelphia, Pennsylvania: for purchase of equipment for the Department of Chemistry and Chemical Engineering. 5 000 00

124. Skidmore, Owings, and Merrill, Chicago: for a prize in architecture. 500 00

125. Tau Delta Tau: to be added to the student short-term loan fund. 5 00
126. From the donors listed for urban 4-H Club work:............. $18,886 00
   B. S. Adamowski, Chicago........................................ $10 00
   Arthur Baum, Chicago............................................. 100 00
   Burridge D. Butler Memorial Trust.............................. 1,000 00
   J. B. Clark, New York, New York................................ 10,000 00
   Commonwealth Edison Company, Chicago........................... 500 00
   Marjorie Dick .......................................................... 1 00
   R. A. Ebersole, Chicago............................................. 100 00
   Gage Food Products Company, Chicago.............................. 50 00
   Philip Hampson, Chicago............................................. 3,000 00
   Sears-Roebuck Foundation, Chicago................................. 4,000 00
   Ty Thompson, Chicago............................................... 100 00
   Kenneth Virch, Chicago............................................. 25 00

127. From the following donors for the Park Forest, Illinois, 4-H Club work:
   Park Forest Womans Club............................................. 134 02
   Skyline Engineering Corporation, Park Forest.................... 20 00
128. From various donors: to add to the Women's Student Aid Fund... 2,254 50
129. From various donors: to the Department of Mining and Metallurgical Engineering for metallurgical publications........... 2,260 00
130. From various donors: for the International Conference of Agricultural Economists............................................. 13,336 04
131. WCIA, Midwest Television, Inc., Champaign, Illinois: to the Extension Editor's Office, College of Agriculture, to continue the development of agricultural and consumer-information television programs........................................... 3,000 00
132. Wheaton First Presbyterian Church, Wheaton, Illinois: contribution to McKinley Hospital.................................. 30 00

Total, Undergraduate Scholarships, Prizes, and Other Financial Aids.............................................$317,556 32

Funds for Graduate Fellowships and Research
133. Abbott Laboratories, North Chicago: renewal of the Roger Adams Fellowship in inorganic chemistry, academic year 1958-59........ $2,300 00
134. Allegheny Ludlum Steel Corporation, Brackenridge, Pennsylvania: renewal of a fellowship in physics, academic year 1958-59......... 4,000 00
135. Allied Chemical and Dye Corporation, Nitrogen Division, Hopewell, Virginia: renewal of a fellowship in chemistry, academic year 1957-58.................................................. 2,180 00
137. American Oil Company, Texas City, Texas: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59......... 2,500 00
138. American Philosophical Association: fellowship in philosophy, academic year 1957-58........................................... 3,733 34
139. Archer-Daniels-Midland Company, Minneapolis, Minnesota: renewal of a fellowship in food technology, academic year 1957-58... 1,600 00
140. Armco Steel Corporation, Middletown, Ohio: renewal of a fellowship in ceramic engineering, academic year 1958-59................ 2,550 00
141. Automotive Safety Foundation, Washington, D.C.: fellowship in civil engineering, academic year 1957-58........................... 2,000 00
142. Bendix Aviation Corporation, Detroit, Michigan: fellowship in engineering, academic year 1957-58................................. 3,000 00
143. The California Company, New Orleans, Louisiana: renewal of a fellowship in geology, academic year 1958-59.......................... 2,250 00
144. Continental Oil Company, Ponca City, Oklahoma: fellowship in mathematics, academic year 1957-58................................... 2,500 00
146. The Dow Chemical Company, Midland, Michigan: renewal of two fellowships, $2,500 each, in chemistry and chemical engineering, academic years 1957-58 and 1958-59........................... 10,000 00
147. E. I. Du Pont de Nemours and Company, Wilmington, Delaware: 
Renewal of a postgraduate teaching assistantship in chemistry, academic year 1957-58........................................ 3 500 00
Renewal of a postgraduate fellowship in biochemistry in the Department of Bacteriology, academic year 1957-58 ........................................ 3 925 00
Renewal of a fellowship in chemical engineering .......................................................................................................................... 3 480 00

148. Esso Research and Engineering Company, Linden, New Jersey: 
Fellowship in civil engineering, academic year 1957-58............. 3 350 00
Postdoctoral fellowship in chemistry, academic years 1957-58 and 1958-59................................................................. 11 000 00

149. Ethyl Corporation, Ferndale, Detroit, Michigan: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58........................................ 2 186 00

150. The Firestone Tire and Rubber Company, Akron, Ohio: renewal of a fellowship in chemistry, academic year 1957-58........................................ 2 036 00

151. The Ford Foundation, New York, New York: 
Faculty research fellowship in economics, $12,734, and three predoctoral fellowships in business administration, $2,500, $3,880, and $3,170, academic year 1957-58........................................ 22 684 00
Postdoctoral fellowship for a study of the education of exceptional children, academic year 1957-58........................................ 15 000 00

152. General Electric Company, Schenectady, New York: 
Fellowship in ceramics, academic year 1957-58........................................ 3 700 00
Renewal of a fellowship in economics, academic year 1957-58........................................ 3 650 00
Renewal of a fellowship in engineering, in the field of communication and control, academic year 1957-58........................................ 4 675 00
Renewal of a fellowship in physics, academic year 1957-58........................................ 4 050 00
Renewal of a fellowship in chemistry, academic year 1957-58........................................ 4 850 00

153. The General Foods Fund, Inc., New York, New York: renewal of two fellowships, $3,000 each, in home economics, academic year 1958-59, and a grant of $1,000 to the Department of Home Economics.......................................................... 7 000 00

154. General Paving Foundation, Champaign, Illinois: a fellowship in theoretical and applied mechanics, second semester, academic year 1957-58........................................ 1 750 00


156. Haloid Company, Rochester, New York: renewal of a fellowship in physics, academic year 1958-59........................................ 2 500 00

157. Hammond Lead Products, Inc., Hammond, Indiana: renewal of a fellowship in ceramic engineering, academic year 1957-58........................................ 2 000 00


159. Illinois Steel Foundation, Inc., Chicago: renewal of a fellowship in mining and metallurgical engineering, academic year 1957-58 ........................................ 3 600 00


161. Johnson and Johnson, New Brunswick, New Jersey: renewal of a fellowship in chemistry, academic year 1957-58........................................ 2 000 00

162. Kaiser Aluminum and Chemical Corporation, Oakland, California: renewal of a fellowship in architecture, academic year 1958-59, including an unrestricted grant to the Department of Architecture for $750 and $200 for payment of the tuition and fees for the 1957-58 fellow ........................................................................................................ 2 650 00

163. LaSalle Steel Foundation, Chicago: fellowship in theoretical and applied mechanics, academic year 1957-58........................................ 2 486 00

164. Eli Lilly and Company, Indianapolis, Indiana: renewal of a fellowship in chemical engineering, academic year 1958-59........................................ 2 500 00

165. The Lubrizol Foundation, Cleveland, Ohio: renewal of a fellowship in organic chemistry, academic year 1958-59........................................ 3 000 00

166. Midwest Pharmaceutical Advertising Club, Lafayette, Indiana: fellowship in marketing, academic year 1958-59........................................ 1 500 00
167. Minneapolis-Honeywell Regulator Company, Brown Instrument Division, Philadelphia, Pennsylvania: renewal of a fellowship in engineering or the physical sciences, academic year 1958-59... 2 500 00
168. Minnesota Mining and Manufacturing Company, St. Paul, Minnesota: renewal of fellowships in chemistry and chemical engineering, academic year 1958-59... 4 000 00
169. Monsanto Chemical Company, St. Louis, Missouri: renewal of two fellowships in chemistry and chemical engineering, academic year 1957-58... 6 000 00
170. Motorola, Inc., Chicago: renewal of the Paul V. Galvin Fellowship in electrical engineering, academic year 1957-58... 2 500 00
171. National Distillers and Chemical Corporation, New York, New York: a fellowship in chemistry, $2,050, and a fellowship in chemical engineering, $2,350, academic year 1958-59... 4 400 00
172. National Lead Company: Baroid Division, Houston, Texas: renewal of a fellowship in geology, academic year 1958-59... 2 400 00
Titanium Alloy Manufacturing Division, Niagara Falls, New York: renewal of fellowship in ceramic engineering, academic year 1958-59... 2 000 00
173. National Petro-Chemicals Corporation, Tuscola, Illinois: two fellowships, one in organic chemistry and one in chemical engineering, academic year 1957-58... 4 000 00
174. Ohio Oil Company, Littleton, Colorado: summer session fellowships in geology... 1 000 00
175. The Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio: renewal of two fellowships in ceramic engineering, academic year 1957-58... 3 600 00
176. Owens-Corning Fiberglas Corporation, Newark, Ohio: renewal of a fellowship in ceramic engineering, academic year 1957-58... 1 700 00
177. Parke-Davis and Company, Detroit, Michigan: renewal of a fellowship in biochemistry, academic year 1958-59... 2 250 00
178. Chas. F. Pfizer and Company, Inc., Brooklyn, New York: renewal of a fellowship in chemistry, academic year 1958-59... 5 000 00
179. Phillips Petroleum Company, Bartlesville, Oklahoma: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59... 2 500 00
180. Pittsburgh Consolidation Coal Company, Library, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59... 2 450 00
181. The Procter and Gamble Company, Cincinnati, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59... 3 486 00
182. Pure Milk Association, Chicago: renewal of American Dairy Association Fellowship in food technology, academic year 1957-58... 1 500 00
183. Radio Corporation of America, Princeton, New Jersey: renewal of a fellowship in electrical engineering, academic year 1957-58... 3 036 00
184. Research Corporation, New York, New York: renewal of fellowships in biochemistry, academic year 1958-59... 5 000 00
185. Rockefeller Foundation, New York, New York: renewal of a fellowship in microbiology, academic year 1957-58... 2 437 56
186. Rohm and Haas Company, Philadelphia, Pennsylvania: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58... 2 000 00
187. Katharine L. Sharp Fellowship Fund: continuation of a fellowship in library science... 600 00
188. Shell Companies Foundation, Inc., New York, New York: renewal of fellowships in chemical engineering and geology, academic year 1957-58... 4 536 00
189. Sinclair Refining Company, New York, New York: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59... 2 500 00
190. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59. ................................................................. 3 336 00
192. Standard Oil Company of California, San Francisco, California: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59, and an unrestricted grant of $750 to the Department of Chemistry and Chemical Engineering ........................................... 2 786 00
193. Standard Oil Company, Cleveland, Ohio: renewal of the Sohio Fellowship in chemistry and chemical engineering, academic year 1957-58. ..................................................... 2 500 00
194. Standard Oil Foundation, Inc., Chicago: renewal of a fellowship in chemistry and chemical engineering, academic year 1958-59. ................................................................. 2 500 00
195. Tau Chapter of Zeta Phi Eta: fellowship in speech. ................................. 500 00
196. Television Shares Management Corporation, Chicago: renewal of a fellowship in electronics, academic year 1958-59. ................................................................. 2 000 00
197. The Texas Company, Beacon, New York: renewal of a fellowship in chemistry, academic year 1958-59. ................................................................. 2 500 00
198. 11-GSF Foundation (Texas Instruments Inc., Geophysical Service, Inc.), Dallas, Texas: renewal of a fellowship in physics, academic year 1958-59. ................................................................. 2 660 00
199. Toms River-Cincinnati Chemical Corporation, Cincinnati, Ohio: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58. ................................................................. 1 586 00
200. The Trane Company, LaCrosse, Wisconsin: renewal of a fellowship in mechanical engineering, academic year 1958-59. ................................................................. 2 000 00
201. Union Carbide and Carbon Corporation:
    National Carbon Company, Cleveland, Ohio: renewal of a fellowship in physics, academic year 1957-58. ................................................................. 3 300 00
    Electro Metallurgical Company, Niagara Falls, New York: renewal of a fellowship in mining and metallurgical engineering, academic year 1957-58. ................................................................. 3 300 00
    Bakelite Company, Bloomfield, New Jersey: renewal of a fellowship in chemistry and chemical engineering, academic year 1957-58. ................................................................. 3 036 00
202. United States Rubber Company Foundation, New York, New York:
    renewal of a predoctoral fellowship in pure chemistry, academic year 1957-58. ................................................................. 3 300 00
203. United States Steel Foundation, Inc., Pittsburgh, Pennsylvania:
    additional stipend for the 1957-58 fellow in physics. ................................................................. 600 00
204. Universal Match Corporation, St. Louis, Missouri: renewal of a fellowship in chemistry and chemical engineering, second semester, academic year 1957-58. ................................................................. 1 250 00
205. Victor Chemical Works, Chicago: renewal of a fellowship in chemistry, academic year 1957-58. ................................................................. 2 000 00
206. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania:
    renewal of a fellowship in electrical engineering, academic year 1957-58. ................................................................. 2 500 00
207. World University Service: fellowship in chemistry, academic year 1957-58. ................................................................. 375 00
208. Abbott Laboratories, North Chicago:
    To the Department of Animal Science for studies on the effects of arsanilic acid in reproduction in swine. ................................................................. 1 200 00
    To the Department of Physiology for research on calcium utilization. ................................................................. 2 500 00
209. Allied Chemical and Dye Corporation, New York, New York:
    To the Department of Agronomy for a study of nitrogen mobility. ................................................................. 2 500 00
    To the Department of Animal Science for a study of ruminant nutrition. ................................................................. 2 000 00
210. Aluminum Company of America: to the Department of Agricultural Engineering for a study of farm structures. ................................................................. 2 500 00
211. American Cancer Society, Inc., New York, New York:
    To the Department of Bacteriology for studies on viruses. ................................................................. 37 013 54
To the Department of Botany for a study of plant tumors incited by virus ................................................................. 1 236 94
To the Department of Electrical Engineering for research ...... 6 551 44
212. American Chemical Society, Washington, D.C.: to the Department of Chemistry and Chemical Engineering for:
A study of polar effects in the transition states of free radical displacements .................................................. 5 850 00
Angle-strain on reactivity mechanism research ..................... 6 050 00
Fundamental research in petroleum field ........................ 17 250 00
213. American Cyanamid Company, New York, New York:
To the Department of Agronomy for a study of weed control ... 1 000 00
To the Department of Plant Pathology for studies on fungicides .... 3 000 00
214. American Dairy Association of Illinois, Inc., Chicago: to the Department of Food Technology for research on substitute fats, dietary butterfat, glycerides butterfat, and milk fat ratio .......... 15 000 00
215. American Potash Institute, Inc.: to the Department of Agronomy for a study of N. K. balances .................. 2 000 00
216. American Society of Heating and Air Conditioning Engineers, Inc.: to the Department of Mechanical Engineering for research on hot water venting ........................................ 2 200 00
217. American Society of Refrigerating Engineers, New York, New York: to the Physical Environment Unit of the Graduate College for a study of temperature, humidity, and air velocity for comfort and semi-comfort of industrial workers .......................... 1 000 00
218. Armour and Company, Chicago:
To the Department of Animal Science for research on feed utilization .......................................................... 4 000 00
To the Department of Food Technology for studies on fatty acids .... 6 000 00
219. Association of American Railroads: to the Department of Civil Engineering for a study of roadbed stabilization ........ 2 000 00
220. Association of American Railroads and American Iron and Steel Institute: to the Department of Theoretical and Applied Mechanics for a study of failures in railroad rails ................ 24 250 00
221. Association of American Soap and Glycerine Producers, Inc.: to the Department of Civil Engineering for research on water treatment .............................................................. 3 500 00
222. The Association of Illinois Electric Cooperatives, Springfield, Illinois: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms .......... 3 535 00
223. Battle Creek Equipment Company: to the Department of Physical Education for Men for a study of trim machines ........ 1 200 00
224. Bendix Aviation Corporation, Detroit, Michigan: to the Department of Ceramic Engineering for research .................. 12 700 00
225. Alfred Benesch and Associates, Chicago: to the Department of Civil Engineering for the A. L. Thomas Research Fund .... 1 000 00
226. Boeing Airplane Company: to the Department of Electrical Engineering for research on antennas ................... 11 068 53
227. The Carle Foundation, Urbana, Illinois: to the Department of Physiology for research in thoracic surgery ....................... 500 00
228. Carnation Milk Company: to the Department of Home Economics for a study of dried milk .................................. 1 985 06
229. Carnegie Corporation, New York, New York: to the Library and Library School for West African library survey .............. 2 283 00
230. Chicago Bridge and Iron Foundation, Chicago: to the Department of Civil Engineering for a research assistantship .... 7 000 00
231. Chicago Fly Ash Company: to the Department of Civil Engineering for research ............................................. 3 000 00
232. Commercial Solvents Corporation:
To the Department of Agronomy for a study of the effect of gibberellin in the yield, protein content, and ear shoot development in corn ......................................................... 7 000 00
To the Department of Animal Science for a study of vitamins in hog rations ......................................................... 3 000 00
233. Commonwealth Edison Company and Northern Illinois Gas Company: to the Department of Electrical Engineering for research .......................................................... 9 132 13
234. Consolidated Electrodynamics Corporation: to the Department of Ceramic Engineering for research on the properties of glass .............................................. 2 000 00
235. Corn Products Refining Company, Chicago: to the Department of Animal Science for a study of growth factors in baby pigs ...................................................... 1 500 00
236. Creole Petroleum Corporation, New York, New York: to the Department of Civil Engineering for research in soil mechanics .................................................. 5 600 00
237. Crop Hail Insurance Association: to the State Water Survey for a study of hail storms ............................................................................................................. 10 000 00
239. Dawes Laboratories, Inc.: to the Department of Animal Science for research ......................................................................................................................... 1 800 00
240. The DeKalb Agricultural Association, Inc., DeKalb, Illinois: to the Department of Agronomy for studies on dwarf corn .................................................... 2 500 00
241. The Dow Chemical Company, Midland, Michigan: to the Department of Agronomy for studies on chemical weed control ................................................................... 500 00
242. J. Du Pont de Nemours and Company, Wilmington, Delaware: to the Department of Chemistry for fundamental research, academic year 1958-59 ............................................................................. 15 000 00
243. Educational Television and Radio Center, Ann Arbor, Michigan: to the Institute of Communications Research for a study of verbal behavior effects of television on pre-school children ..................................................................... 4 750 00
244. The Engineering Foundation: to the Department of Civil Engineering for studies of alloy steels, fatigue data, and structural joints ................................................................. 34 000 00
245. Flint, Eaton, and Company, Decatur, Illinois: to the Department of Physiology for studies on iron metabolism ........................................................................ 3 116 16
246. The Ford Foundation, New York, New York: To the Bureau of Economic and Business Research for a study of family savings ........................................ 85 000 00
To the Department of Sociology and Anthropology for research on the effectiveness of the federal correctional system ...................................................... 78 037 00
To the Department of Sociology and Anthropology for a study of regularities of socio-economic change in economically developing societies ....................................................................................... 55 506 00
To the Institute of Labor and Industrial Relations for a study of Japanese labor history ........................................................................................................ 7 718 00
247. Forest Park Foundation, Peoria, Illinois: to the Institute of Labor and Industrial Relations for a study of economic problems of older workers in the Peoria area ........................................................................................................... 8 500 00
248. Foundry Educational Foundation: to the Department of Mechanical Engineering for fundamental research ...................................................................................... 250 00
249. The Geigy Chemical Corporation, Ardsley, New York: To the Department of Agronomy for studies on chemical weed control .............................................. 300 00
To the Department of Agronomy for soil research ................................................................................................................................. 1 500 00
250. The Goodyear Tire and Rubber Company: to the Department of Chemistry and Chemical Engineering for research on polyemers ................................... 2 000 00
251. Grace Chemical Company: to the Department of Animal Science for a study of nitrogen in sheep nutrition ........................................................................... 2 500 00
252. Griffin Wheel Company: to the Department of Ceramic Engineering for research on steel casting ........................................................................................... 9 000 00
253. Illinois Association of Tobacco Distributors, Inc.: to the Bureau of Business Management for a study of tobacco products .................................................. 3 000 00
254. Illinois Farm Electrification Council: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricty on Illinois farms ........................................................................................................ 11 890 00
255. The Illinois Farm Supply Company, Chicago: To the Department of Animal Science for studies in swine, poultry, and animal nutrition .................................. 1 800 00
To the Department of Dairy Science for studies in dairy cattle feeding and nutrition ........................................................................................................... 600 00
256. Illinois Heart Association:
   To the Department of Food Technology for a study of dietary
   cholesterol .................................................... 6 000 00
   To the Department of Physiology for research ..................... 4 500 00

257. Illinois Liquid Fertilizer Association: to the Department of
   Agronomy for field trials .................................... 1 000 00

258. Illinois Seed Producers Association, Inc.: to the Department of
   Agronomy for a study of the production characteristics of hybrid
   corn .......................................................... 9 000 00

259. Institute of Boiler and Radiator Manufacturers: to the Department
   of Mechanical Engineering for a study of steam and water heating 31 200 00

260. International Mineral and Chemical Corporation: to the Depart-
   ment of Agronomy for a study of rock phosphate ................. 2 000 00

261. Johnson Service Company: to the Department of Mechanical En-
   gineering for research ....................................... 250 83

262. The Kretschmer Wheat Germ Corporation, Carroltown, Michi-
   gan: to the Department of Physical Education for Men for
   studies of wheat germ oil .................................... 2 500 00

263. Lumber Dealers Research Council: to the Small Homes Council
   for research on roof panels ................................... 6 362 19

264. Malting Barley Improvement Association, Milwaukee, Wisconsin:
   to the Department of Agronomy for studies of barley improvement 300 00

265. Mayflower Warehousemen's Association, Indianapolis, Indiana: to
   the Bureau of Business Management for a study of salesmen
   compensation plans ........................................ 3 450 00

266. McDonnell Aircraft Corporation: to the Department of Civil
   Engineering for research .................................... 13 589 22

267. Merck, Sharp, and Dohme Research Laboratories, Rahway, New
   Jersey:
   To the Department of Agronomy for a study of soybeans ...... 6 000 00
   To the Department of Chemistry and Chemical Engineering for
   fundamental research ........................................ 1 500 00
   To the Department of Animal Science for a study of growth
   stimulants in swine ......................................... 2 500 00

268. Metropolitan Sanitar District of Greater Chicago: to the De-
   partment of Animal Science for a study of dried activated sewage
   sludge as a source of Vitamin Bn ................................ 4 680 00

269. Midwest Agricultural Limestone Institute: to the Department of
   Agronomy for a study of soil management ......................... 500 00

270. Midwest Dried Milk Company, Inc.: to the Department of Animal
   Science for whey evaluation .................................. 2 600 00

271. Mrs. C. Philip Miller, Chicago: to add to the Sinnissippi Forest
   Trust Fund in support of forestry research ..................... 3 850 48

272. The Mink Farmers' Research Foundation, Inc., Milwaukee, Wis-
   consin: to the College of Veterinary Medicine for studies on virus
   enteritis in mink ........................................... 4 500 00

273. Monsanto Chemical Company, St. Louis, Missouri:
   To the Department of Agronomy for studies of herbicidal action
   of chemical compounds ...................................... 2 000 00
   To the Department of Plant Pathology for studies of control of
   plant diseases .............................................. 500 00

274. Moorman Manufacturing Company: to the Department of Animal
   Science for studies of poultry nutrition and pig rations ....... 52 000 00

275. Arthur Murray Dance Studio, Champaign, Illinois: to the De-
   partment of Marketing, a fund to cover the expenses incurred in a
   class study project ......................................... 500 00

276. Muscular Dystrophy Association of America, Inc.: to the Depart-
   ment of Animal Science for research ........................ 5 662 50

277. National Academy of Sciences: to the Department of Animal
   Science for studies and research ................................ 1 497 00

278. National Lead Company: to the Department of Chemistry and
   Chemical Engineering for research .......................... 9 601 00
279. National Livestock and Meat Board: to the Department of Food Technology for a study of biological utilization of fatty acid isomers .................................................. 8 500 00

280. The National Vitamin Foundation, Inc., New York, New York: To the Department of Animal Science for studies of nutrition of baby pigs in relation to Vitamin Ba activity .................................................. 2 000 00
To the Department of Animal Science for research on Vitamin E function .................................................. 5 000 00
To the Radiocarbon Laboratory, Graduate College, for research on radioactive Vitamin A .................................................. 5 318 00

281. National Warm Air Heating and Air Conditioning Association: to the Department of Mechanical Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating .................................................. 30 990 00

282. Northern Illinois Breeding Association and Southern Illinois Breeding Association: to the Department of Dairy Science for research in artificial breeding .................................................. 9 526 15

283. The Northrup, King and Company, Minneapolis, Minnesota: to the Department of Agronomy for studies of dwarf corn .................................................. 500 00

284. Owens-Corning Fiberglas Corporation, Toledo, Ohio: to the Small Homes Council for a study of thermal comfort .................................................. 12 450 00

285. Paraffined Carton Research Council: to the Department of Food Technology for research on ice cream cartons .................................................. 2 000 00

286. Chas. F. Pfizer and Company, Inc., Brooklyn, New York: to the Department of Animal Science for studies of antibiotics in chick nutrition, $1,200; vitamins in swine nutrition, $4,000; and antibiotic mechanism, $2,500 .................................................. 7 700 00

287. The Pioneer Hi-Bred Corn Company, Princeton, Illinois: to the Department of Agronomy for an assistantship in basic corn research .................................................. 5 000 00

288. The Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for studies of egg yolk lipids, $6,000, and wheat lipids, $6,000 .................................................. 12 000 00

289. The Quaker Oats Company: to the Department of Agronomy for a study of oat hybrids .................................................. 2 000 00

290. The Refrigeration Research Foundation, Chicago: to the Department of Food Technology for studies of the effects of refrigerated storage on the flavor and physico-chemical properties of milk, concentrated milk and cream, heated to sterilization and sub-sterilization temperatures, $4,000; and studies of cold storage of irradiated foods, $3,000 .................................................. 7 000 00

291. Reinforced Concrete Research Council:
To the Department of Civil Engineering for a study of floor slabs. 20 000 00
To the Department of Theoretical and Applied Mechanics for a study of slab columns .................................................. 7 500 00

292. Research Corporation, New York, New York: to the Department of Chemistry and Chemical Engineering:
For a study of metal halide addition compounds .................................................. 2 350 00
For a study of planar triphenylmethyl radicals and carbonium ions .................................................. 2 633 00
For research of synthesis and structures of phosphite esters .................................................. 2 457 00
For research of a new route to oxazolidines and tetrahydro-1,3-oxazines .................................................. 812 00

293. Rockefeller Foundation, New York, New York:
To the Department of Agronomy for research on maize polyploids 6 661 00
To the Department of Dairy Science for research in experimental biology .................................................. 13 253 66
To the Department of Entomology for research .................................................. 20 620 61

294. The Rohm and Haas Company, Philadelphia, Pennsylvania: to the Departments of Horticulture and Plant Pathology for fungicidal research .................................................. 600 00
295. The Sanitary Milk Producers, St. Louis, Missouri: to the Department of Agricultural Economics for studies of the pricing and federal orders for milk. ........................................... 1 250 00
296. Shell Chemical Corporation: to the State Natural History Survey for research on insecticides. ........................................... 2 500 00
297. Slenderella, Stamford, Connecticut: to the Department of Zoology for research on fat distribution, deposition, and metabolism. 159 74
298. Alfred P. Sloan Foundation, Inc., New York, New York: To the Division of Organic Chemistry for the researches of Dr. Roger Adams ................................................................. 49 200 00
To the Department of Physics for basic and fundamental research. 74 228 00
To the Department of Mathematics for fundamental research. 11 124 00
299. Smith, Kline, and French Laboratories: to the Department of Veterinary Research for research. 5 000 00
300. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research on metal coordination complexes. 8 000 00
301. Soft Phosphate Research, Inc.: to the Department of Animal Science for a study of phosphate in swine nutrition. 1 000 00
302. Stauffer Chemical Company: to the Department of Agronomy for a study of herbicides. 500 00
303. Stevenson, Jordan, and Harrison, Inc., New York, New York: to the Department of Mechanical Engineering to support an investigation in the development of standard time values. 1 050 00
304. T. A. B. Engineers, Inc.: to the College of Engineering for research on ultrasound in biology. 675 00
305. Tee Pak Foundation: to the Department of Food Technology for research on meat deterioration. 3 500 00
306. Union Carbide and Carbon Corporation, New York, New York: grants-in-aid to the Department of Chemistry and Chemical Engineering, $300, and to the Department of Mechanical Engineering, $200. ................................................................. 500 00
307. United Cerebral Palsy Association, Inc.: to the Institute for Research on Exceptional Children for a study of language processes of pre-school cerebral palsied children. 21 575 60
308. United States Industrial Chemicals Company: to the Department of Agronomy for research in soil chemistry. 3 000 00
309. University of Pennsylvania, Philadelphia, Pennsylvania: to the Department of Bacteriology for research on soybeans. 500 00
310. The Upjohn Company, Kalamazoo, Michigan: To the Department of Plant Pathology for research. 6 000 00
To the Department of Chemistry and Chemical Engineering for research. 5 700 00
311. Vels-icol Chemical Corporation, Chicago: to the Department of Entomology for research on the toxicology of insecticides. 2 500 00
312. VioBin Corporation, Monticello: To the Department of Animal Science for studies of wheat germ oil. 1 375 00
To the Department of Animal Science for a study of nutrition in proteins and fats. 1 650 00
To the Department of Animal Science for a study of nutrition in fishmeal. 750 00
To the Department of Physical Education for Men for a study of physical fitness. 4 800 00
313. Hiram Walker and Sons, Inc.: to the Department of Animal Science for research on dried solubles, $720, and on fermentation products, $1,000 ............... 1 720 00

Total, Funds for Graduate Fellowships and Research..........$1 426 868 77

Research Contracts with United States Government

314. Air Force ............................................................... 688 983 27
315. Army Chemical Corps ................................................... 2 334 49
316. Army Ordnance ............................................................ 162 554 18
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317. Army Institute ................................................ 1 466 75
318. Army Quartermaster Corps ........................................ 19 069 11
319. Army Signal Corps ................................................ 1 504 972 23
320. Army Surgeon General ............................................. 95 072 64
321. Atomic Energy Commission ....................................... 647 203 43
322. Bureau of Public Roads ........................................... 22 689 92
323. Department of Agriculture ....................................... 52 849 55
325. Department of State ................................................ 7 000 00
326. Engineering Center ................................................. 47 429 66
327. Fifth Army ......................................................... 856 25
328. International Cooperation Administration ....................... 793 396 16
329. National Academy of Sciences .................................... 1 615 27
330. National Advisory Committee for Aeronautics ................. 19 229 50
331. National Science Foundation ...................................... 443 544 92
332. Naval Training Center ............................................. 24 033 28
333. Navy Bureau of Aeronautics ...................................... 341 78
334. Navy Bureau of Ships .............................................. 306 986 09
335. Navy Ordnance ..................................................... 7 889 30
336. Office of Naval Research .......................................... 294 821 74
337. Office of Vocational Rehabilitation ................................ 1 109 00
338. Public Health Service .............................................. 636 849 02
339. Tennessee Valley Authority ...................................... 5 034 23

Total, Research Contracts with United States Government, $6 654 057 53

Research and Public Service Contracts with State of Illinois Agencies

340. State Superintendent of Public Instruction ...................... $19 106 87
341. State Department of Public Welfare ................................ 70 143 68
342. State Department of Public Works and Buildings, Division of Highways .................. 143 817 22
343. State Housing Board .............................................. 3 000 00
344. Department of Registration and Education ....................... 6 537 81
345. Department of Public Safety ...................................... 15 024 31

Total, Research and Public Service Contracts with State of Illinois Agencies ...................................... $257 629 89

Gifts of Equipment, Library Material, and Works of Art

348. Mr. and Mrs. Herman E. Cooper, New York, New York: to the College of Fine and Applied Arts, a painting, "The Cove," by Eugene Bondin (estimated value $6,000).
349. Mrs. Louise E. Dexter, Carmel Valley, California: to the College of Fine and Applied Arts, a three-piece Victorian coffee service.
353. Mrs. Margaret Hallett Lang, Hancock, New Hampshire: to the College of Fine and Applied Arts, a marble portrait bust of Ann Eliza Hallett by Launt Thompson, dated 1861 (estimated value $1,000).
354. The Metallizing Engineering Company, Inc., Chicago, Illinois: to the Department of Mechanical Engineering, one thermo spray gun, 

1 In addition the University was reimbursed to the extent of $632,029.60 for indirect costs including administration and physical plant expenses.
354. one type PC cooler unit, one type PV vibrator, one type GF flow meter (estimated value $800).


356. Portable Elevator Company, Bloomington, Illinois: to the College of Veterinary Medicine, a portable elevator (estimated value $700).

357. Mr. Peter Rubel, Cos Cob, Connecticut: to the College of Fine and Applied Arts, a painting, "Homage to Charlemagne," by Georges Mathieu (estimated value $6,000).


360. Union Carbide and Carbon Corporation, New York, New York: to the Department of Mechanical Engineering, equipment (estimated value $675).

361. United Aircraft Corporation, Windsor Locks, Connecticut: to the Department of Mechanical Engineering, an F-4D refrigeration unit in operating condition for cabin and electronic equipment cooling system (estimated value $1,500).

362. Upjohn Company, Kalamazoo, Michigan: to the Department of Chemistry and Chemical Engineering, laboratory type lyophil drying apparatus (estimated value $700).

363. Mr. Benjamin Weiss, New York, New York: to the College of Fine and Applied Arts, two paintings, "Rape of the Leaf," by Theodoros Stamos (estimated value $600), and "St. Paul and Minneapolis," by Walter Quirt (estimated value $900).

Total, Colleges and Schools at Urbana-Champaign: $8,656,112

Chicago Colleges

Scholarships, Prizes, and Other Financial Aids

364. American Medical Education Foundation: to the College of Medicine for medical education, as allocated by the Dean of the College. $7,747,50

365. Associated Hospital Service of Illinois, Inc.: to the Department of Otolaryngology for photographic supplies. $50,00

366. Bertha Berkelhamer: for the annual Doctor Ralph C. Berkelhamer Scholarship. $100,00

367. Boll and Lewis Optical Company, Chicago: to the Department of Otolaryngology for photographic supplies. $25,00

368. Central Committee of Nonacademic Employees: to the Office of the Vice-President to be used for the service recognition program. $200,00

369. Chicago Association of Orthodontists: to the Department of Orthodontics for research and educational programs. $500,00

370. Chicago Dental Society, North Side Branch: to the College of Dentistry for an award to a student in dentistry who shows the greatest progress in rank during his four years of residency. $100,00

371. Chicago Woman's Aid: to the Department of Audiology for the purchase of scientific journals for the Speech and Hearing Center. $80,00

372. Drama Club of Evanston: for a scholarship in the College of Medicine. $500,00

373. E and J Manufacturing Company, Burbank, California: to the Department of Clinical Science supplementing previous grant for expenses for an exhibit on cardiorespiratory dynamics of controlled respiration, prepared for the American Medical Association convention. $196,49

374. Anna Fuller Fund, New Haven, Connecticut: reimbursement for travel by Dr. Harris Busch to the International Cancer Conference in London. $200,00

375. The Goldenrod Ice Cream Company, Chicago: to the College of Pharmacy, two undergraduate scholarships for students of pharmacy. $400,00
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376. Humiston-Keeling and Company, Chicago: to the College of Pharmacy, two undergraduate scholarships for students of pharmacy.................................................. 400 00
377. Dr. Lester D. Kaplin, an alumnus of the College of Dentistry: for prizes for three students in the graduating class who excel in clinical dentistry........................................ 50 00
378. LAG Drug Company, Chicago: to the College of Pharmacy, undergraduate scholarship .......................................................... 200 00
379. Dr. Felix Mooney, Bristol, Pennsylvania: for an annual scholarship in medicine.......................................................... 500 00
380. National Fund for Medical Education: for an educational program to be administered by the Dean of the College of Medicine... 58 875 00
381. From various donors to the Library Gift Fund in memory of Dr. Channing W. Barrett, former member of the faculty of the College of Medicine.................................................. 160 00
Berwyn Hospital Association.......................................................... $ 50 00
Mr. R. Rea Esgar, Chicago.................................................. 20 00
Henrotin Hospital Nurses' Alumnae Association.................................. 25 00
Dr. Abraham F. Lash.................................................. 50 00
Mr. Roy A. Sterneman.................................................. 10 00
Mr. A. W. Stoolman.................................................. 5 00
382. From various donors for the Occupational Therapy Gift Fund... 713 00
Alpha Kappa Kappa Wives' Club, for the purchase of a bulletin board for the children's floor, Department of Orthopaedic Surgery.......................................................... $ 20 00
American Federation of State, County, and Municipal Employees Local No. 1220 for music and recreational materials for patients.................................................. 25 00
Chicago Illinac Club.................................................. 225 00
The Congregational Church of Oak Park, Illinois.................................. 10 00
Mrs. Herbert H. Green, Gibson City, Illinois.................................. 5 00
Miss Alice Hallworth, Warrenville, Illinois.................................. 5 00
Illinois Research Hospital Auxiliary from the Champaign campus.................................................. 10 00
Mrs. George Milles, Oak Park, Illinois, for purchase of radios for the Department of Pediatrics.................................................. 50 00
Women's Auxiliary of the Professional Colleges.................................................. 100 00
383. From various donors for the Orthopaedic Gift Fund... 2 762 04
Beverly Hills Junior Woman's Club.......................................................... $ 75 00
Collision Surgical Engineering Company.................................................. 178 19
Edgebrook Lions Club.................................................. 200 00
Kappa Alpha Theta.................................................. 553 85
Women of the Rotary Club of Chicago.................................................. 1 755 00
384. Mr. Kenney E. Williamson, Peoria, Illinois: to the Research and Educational Hospitals for purchase of a television set for one of the wards .................................................. 100 00
385. Estate of Victor S. Yarros: for the Rachelle S. Yarros Scholarship Fund for scholarships in medicine.................................................. 892 12
386. Louis Zahn Drug Company: to the College of Pharmacy, five scholarships, $200 each.................................................. 1 000 00
387. Foundry Educational Foundation, Cleveland, Ohio: to the Chicago Undergraduate Division:
For the Robert E. Kennedy Memorial Scholarship in engineering... 1 300 00
For foundry education, under the direction of Associate Professor Roy W. Schroeder.................................................. 250 00
388. The Johnson Foundation, Racine, Wisconsin: to the Chicago Undergraduate Division for the Copernicia palm project under the direction of Dr. Sidney Glassman, Division of Biological Sciences... 2 500 00
389. Mr. Arnold Stebinger, New York, New York: to the Chicago Undergraduate Division for the Eugene Stebinger Memorial Library Fund .................................................. 100 00
From various donors: to the Chicago Undergraduate Division, Division of Physical Sciences, for the Stebinger Fund used for travel expenses for field trips. $300.00

Total, Scholarships, Prizes, and Other Financial Aids. $80,201.15

Funds for Fellowships and Research

S. H. Camp Foundation: for a fellowship in orthopaedic surgery. $1,500.00

Lederle Laboratories Division, American Cyanamid Company, Pearl River, New York:
To the Graduate College for two fellowships. $1,200.00
To the Department of Medicine for research in infectious diseases and related fields, under the direction of Dr. Harry F. Dowling. $10,000.00

National Foundation for Infantile Paralysis: for continuation of a fellowship in pharmacology. $1,250.00

Tobacco Industry Research Committee: to the Graduate College for a fellowship, under the supervision of Dr. Milan V. Novak. $500.00

Abbott Laboratories, North Chicago:
To the Department of Pharmacology for the Abbott Laboratories Seminars, under the direction of Dr. Klaus R. Unna. $6,075.00
To the Department of Surgery for the salary of an assistant in cardiovascular surgery research, under the direction of Dr. Ormand C. Julian. $3,000.00
To the Department of Surgery to support research on the effect of various chemicals on growth of cancer, under the direction of Dr. Warren H. Cole. $1,000.00
To the Department of Pharmacology to support pharmacology-graduate education, under the direction of Dr. Klaus R. Unna. $1,200.00
To the Department of Surgery for the cardiovascular gift fund. $275.00

American Cancer Society, New York, New York:
To the Department of Biological Chemistry for studies on enzymes, under the direction of Dr. Paul Kohl. 7,880.50
To the Department of Microbiology for a study of immunologic properties of human and animal malignant and normal cells grown in tissue culture. $2,000.00
To the Department of Microbiology for studies of cell division phenomena in H capsulatum. $2,233.00
To the Department of Obstetrics and Gynecology for research in the simplification of diagnostic curetage, under the direction of Dr. William Mengert. $4,000.00
To the Department of Pathology for histogenesis of basal cell carcinoma. $500.00
To the Department of Pharmacology, for studies on the metabolism of plasma proteins in tumor-bearing rats, under the direction of Dr. Harris Busch. $10,644.00
To the Department of Pharmacology for research in the field of cancer, under the direction of Dr. Harris Busch. $7,305.00
To the Department of Pharmacology for a study of nitrogen. $2,000.00
To the Department of Surgery for a study of spontaneous regressions of cancer, under the direction of Dr. Warren H. Cole. $1,837.80
To the Department of Surgery for a study of screening of human cancer by tissue culture methods. $7,500.00
To the Department of Surgery for a study of hepatic damage. $1,651.50
To the Department of Surgery for a study of cancer cells in the circulating blood and response of these cells to chemotherapy, under the direction of Dr. Warren H. Cole. $20,340.49
To the Department of Surgery for a study of tumor cells. $1,610.50
To the Department of Surgery for a study of cancer cells by tissue culture, under the direction of Dr. Gerald O. McDonald. $15,416.65

American Heart Association: to the Department of Physiology for a study of pathogenesis and treatment of experimental hyper-
tension produced by constriction of carotid sinus area, under the direction of Dr. George E. Wakerlin...............................6 187 50

398. Arthritis and Rheumatism Foundation:
To the Department of Medicine for research on serial kidney biopsies in rheumatic disorders and related conditions, under the direction of Dr. Robert M. Kark.................................................12 000 00
To the Department of Medicine for a study of renal lesions through serial kidney biopsies, under the direction of Dr. Irving Steck....................................................1 000 00
To the Department of Medicine for a study of purine metabolism in gouty individuals, under the direction of Dr. Max Montgomery and Dr. Aaron B. Kendrick........................................7 661 00

399. Asthmatic Children's Aid:
To the Department of Medicine for a study of the effect of acetylcholine inhibitors on experimental bronchial asthma in guinea pigs, under the direction of Dr. Max Samter................................................6 000 00
To the Department of Medicine for a study by fluorescence of reagin localization and reagin-allergen reaction, under the direction of Dr. Ben Z. Rappaport................................................1 500 00

400. Walter R. Barker, Chicago: to the Department of Neurology and Neurological Surgery for research, under the direction of Dr. Frederic A. Gibbs....................................................1 000 00

401. Baxter Laboratories, Inc., Chicago: to the Department of Microbiology for research, under the direction of Dr. George H. Scherr..........................250 00

402. Beltone Institute for Hearing Research: to the Department of Otolaryngology for research..................................................150 06

403. Chicago Heart Association:
To the Department of Pediatrics for investigations of rheumatic fever in childhood, under the direction of Dr. C. J. Marienfield....7 003 00
To the Department of Surgery for a study of vascular grafts....6 000 00
To the Department of Surgery for research on revascularization of the myocardium by means of multiple arteriovenous fistulae produced by puncture wounds, under the direction of Dr. Ormand C. Julian ........................................9 900 00

404. Jane Coffin Childs Fund of Yale University: to the Department of Pharmacology for research on interconversion of intermediates of carbohydrate metabolism and amino acids in tumors and other tissues, under the direction of Dr. Harris Busch..........................10 000 00

405. Colorado Dental Foundation: to the Department of Oral Pathology for research on histopathology of periodontal tissues, under the direction of Dr. Joseph P. Weinmann........................................1 400 00

406. Columbia-Geneva Steel, a Division of the United States Steel Corporation: to the Department of Pedodontics for a study of tooth development ..................................................17 500 00

407. Commonwealth Engineering Company: to the Department of Physiology for the preliminary study of pharmacological effects of carboxymethyl dextran histaminate, under the direction of Dr. Raymond C. Ingraham..............................................................180 00

408. Downers Grove United Fund, Inc.: to the Department of Orthopaedic Surgery for the development of research facilities in the study of muscle dystrophy and atrophies in the handicapped child.887 50

409. Easter Seal Research Foundation, National Society for Crippled Children and Adults: to the Department of Otolaryngology, for vestibular studies in cerebral palsy, under the direction of Dr. Francis L. Lederer.................................7 521 37

410. Dr. Ward Eastman, Peoria: to the Department of Surgery for the Ward Eastman and James Hurlbut Gift Fund, for research..........................100 00

411. Eureka United Fund Appeal: to the Department of Pharmacology for research in heart disease, under the direction of Dr. Theodore R. Sherrod............................250 00

412. Federal Reserve Bank of Chicago Employees: for the Respiratory Center of the Research and Educational Hospitals for activities related to polio care................................................1 400 00
413. Geigy Pharmaceuticals, Ardsley, New York: to the Department of Pharmacology for research on the action of autonomic drugs on the central nervous system, under the direction of Dr. Klaus R. Unna ............................................................... 13 000 00
414. Geschickter Fund for Medical Research: to the Department of Pharmacology for a study of the pharmacology of aromatic amines, under the direction of Dr. Klaus R. Unna ............................................................... 16 216 00
415. Hoffman-LaRoche, Inc., Nutley, New Jersey: to the Department of Physiology to support research on the role of carotene and vitamin A in the physiology of the skin, under the direction of Dr. Ruven Greenberg ............................................................... 10 000 00
416. Illinois Federation of Women's Clubs: to the Department of Surgery for cancer research ............................................................... 1 027 76
417. Institute for Study of Analgesic Drugs: to the College of Pharmacy for research ............................................................... 4 000 00
418. Arthur Keating Foundation: to the Department of Orthodontics for research in histochemistry, under the direction of Dr. Milton B. Engel ............................................................... 50 00
419. Lakeland Foundation, Chicago: to the Department of Clinical Science for research to attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa, under the direction of Dr. Andrew C. Ivy ............................................................... 11 000 00
420. Leukemia Research Foundation, Inc.: to the Department of Biological Chemistry for research on phosphoric acid analogs of nucleoside phosphates, under the direction of Dr. Terrell C. Myers ............................................................... 6 500 00
421. Leukemia Society, Inc.: to the Department of Physiology for a study of leukocytes ............................................................... 500 00
422. Life Insurance Medical Research Fund: to the Department of Biological Chemistry for a study of the biochemical basis for the difference in virulence of the smooth and matt variants of Group A streptococci, under the direction of Dr. Sam S. Barkulis ............................................................... 8 250 00
423. Dr. Charles Lightfoot of the Department of Otolaryngology: to the Department of Otolaryngology for work in audiology ............................................................... 233 12
424. Eli Lilly and Company, Indianapolis, Indiana: To the Department of Surgery for clinical evaluation of a new analgesic drug "darvon" in comparison with codeine, under the direction of Dr. Danely P. Slaughter ............................................................... 1 293 67
To the Department of Microbiology to study protein synthesis in virus infection, under the direction of Dr. John E. Kempf ............................................................... 6 366 00
To the Department of Clinical Science for exploratory study of the effect of Phenaglycodal on gastric secretion in the dog, under the direction of Dr. Andrew C. Ivy ............................................................... 317 20
425. From friends of Mr. Park Livingston: for the Elizabeth Murdock Livingston Memorial Fund for research in diseases of the liver ............................................................... 373 50
426. Mr. Allan Loeb, Chicago: to the College of Medicine for cardiovascular research, under the direction of Dr. Ormand C. Julian ............................................................... 2 139 82
427. Mr. Lambert J. Martin, New Orleans, Louisiana: to the Department of Pediatrics for children afflicted with leukemia ............................................................... 6 00
428. Mead Johnson and Company, Chicago: to the Department of Pedodontics to support research to study the nutritional status of children suffering from rampant dental caries, under the direction of Dr. Maury Massler ............................................................... 4 000 00
429. Muscular Dystrophy Association of America, Inc.: to the Department of Medicine for a study of carotene metabolism in muscular dystrophy, under the direction of Dr. Robert M. Kark ............................................................... 6 987 00
430. National Academy of Sciences: to the Department of Anatomy for a study of genadotrophic hormones in urine of rhesus monkey ............................................................... 900 00
431. National Association for Mental Health, Inc.: to the Department of Psychiatry for research in schizophrenia, under the direction of Dr. Leo G. Abod ............................................................... 3 500 00
432. National Foundation for Infantile Paralysis: To the Department of Preventive Medicine for research on urinary mucoprotein calculi, under the direction of Dr. Mark H. Lepper ............................................................... 12 046 00
For the operation of the Poliomyelitis Respiratory and Rehabilitation Center, under the direction of Dr. Mark H. Lepper............. 84 508 60

National Multiple Sclerosis Society: to the Department of Neurology and Neurological Surgery for research....................... 9 476 16

Mr. George S. Oberne: to add to the Alva Oberne Cancer Research Fund, under the direction of Dr. Warren H. Cole................. 410 00

Pedodontic Seminar Group:
To the Department of Pedodontics for research on the effects of Formol-Cresol on the dental pulp, under the direction of Dr. Maury Massler.................................................. 2 000 00
To the Department of Pedodontics for an histologic study of human teeth and rat molars, under the direction of Dr. Maury Massler.......................................................... 2 100 00

Chas. F. Pfizer and Company, Brooklyn, New York:
To the Department of Biological Chemistry to support research in metabolism of glucosamine, under the direction of Dr. Richard J. Winzler.................................................. 5 865 00
To the Department of Medicine for a study of infectious diseases. 10 000 00

Planned Parenthood Federation of America, Inc., New York, New York: to the Department of Anatomy for research in the side effects of tranquilizing drugs, under the direction of Dr. Samuel R. M. Reynolds.................................................. 3 435 00

Research Corporation, Inc., New York, New York: to the Department of Biological Chemistry for a synthesis of analogs of thymidine.......................................................... 2 500 00

Roanoke Area United Fund Appeal: to the Department of Medicine for studies of cardiac contractility in heart disease, under the direction of Dr. Harry A. Bliss.......................................... 350 00

Sandoz Pharmaceuticals, Hanover, New Jersey:
To the Department of Pharmacology for neuropharmacology research under the direction of Dr. Klaus R. Unna.............................. 1 500 00
To the Department of Preventive Medicine for research on hypertension and headache mechanisms, under the direction of Dr. Adrian M. Ostfeld.................................................. 9 250 00

G. D. Searle and Company, Skokie, Illinois: to the Department of Medicine for a study of anti-asthmatic drugs, under the direction of Dr. Max Samter.................................................. 3 400 00

Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania:
To the Department of Medicine for research in allergy under the direction of Dr. Max Samter.................................................. 500 00
To the Department of Surgery (Anesthesiology) for pain study, under the direction of Dr. Max S. Sadove.................................................. 400 00

Dr. Henry A. Sturman, Hartford, Connecticut: to the Department of Orthodontics for research and educational activities........ 500 00

Teagle Foundation, New York: to the Department of Psychiatry for paralysis agitans research, under the direction of Dr. Leo G. Abod.................................................. 8 000 00

The Toni Company, Chicago: to the Department of Microbiology for research on the evaluation of fungicidal agents, under the direction of Dr. Edward E. Vicher.............................. 3 000 00

Tuberculosis Institute of Chicago and Cook County: to the Department of Medicine for a study of progression of chronic pulmonary fibrosis, emphyema and bronchiectasis by means of pulmonary function tests, under the direction of Dr. Harry F. Dowling.................................................. 5 513 83

University of Chicago: to the Department of Medical Social Service, College of Medicine.................................................. 7 087 19

The Upjohn Company, Kalamazoo, Michigan:
To the Department of Biological Chemistry for graduate teaching, under the direction of Dr. Richard J. Winzler.............................. 3 000 00
To the Department of Preventive Medicine for a study of infectious diseases.......................................................... 750 00
To the Department of Surgery for a study of steroids, under the direction of Dr. Warren H. Cole.................................................. 3 750 00
449. From various donors to the Department of Dermatology for research

Anonymous donor ........................................ $ 100.00
Dome Chemicals, Inc., New York, New York .................. 500.00
Dr. Philip R. Latta ........................................ 250.00

450. From various donors to the Department of Medicine for research in hematology

Anonymous donor ........................................ $ 15.00
Bershire Papers, Inc., Chicago .................................. 10.00
Mr. Charles F. Rydson, Jr., Chicago ............................. 10.00
Mr. Arthur O. Lindaman, Sr., Chicago ......................... 100.00
Lions of District 1-A, Chicago .................................. 15.00

451. From various donors: to the Department of Pediatrics in memory of John Yardley, a former patient

Gazzolo Drug and Chemical Company .............................. 258.50
From neighbors and friends ...................................... 103.50

452. From various donors: to the Department of Psychiatry for research

Mr. and Mrs. Sidney Jaffe ...................................... 65.00
Mr. and Mrs. Walter Gutmann, Skokie, Illinois ............... 10.00
Mrs. R. G. Smith ............................................ 10.00

453. From various donors: to the Department of Surgery for cancer research

Mr. Edward Atlas, Chicago ...................................... 205.00
Dr. Warren H. Cole .......................................... 1,790.00
MRS. Irving Crown ........................................... 100.00
Margarette and Henry Gibson, in memory of Mrs. Margaret Gibson ........................................ 130.00
Golding Brothers Company, Chicago, in memory of Mary Louise Brown ........................................ 20.00
Montgomery Ward and Company, in memory of Mrs. Margaret Gibson ........................................ 15.00
MRS. Winnifred Sorling, Springfield, Illinois ............... 100.00

454. From various donors: to the Lida Hough Watts Memorial Fund for research in hematology in the Department of Medicine. .......................... 1,228.00

455. Wilmette United Fund: to the Department of Surgery for cancer research ........................................ 3,000.00

456. Winthrop-Searns, Inc., New York, New York: to the Department of Surgery (Anesthesiology) for research in cardiovascular and respiratory functions during anesthesia, under the direction of Dr. Max S. Sadove ........................................ 1,359.00

457. Mr. and Mrs. Carl Winter: to the Department of Pediatrics in memory of Lindy Lou Winter, a former patient in that Department ........................................ 87.00

458. Wyeth Laboratories: to the Department of Surgery (Anesthesiology) for study of blood volume and cardiac output in surgical patients, under the direction of Dr. Max S. Sadove ........................................ 3,500.00

Total, Funds for Fellowships and Research ........................... $192,048.91

Research Contracts with United States Government, Chicago Professional Colleges

459. Air Force .................................................. $ 4,003.83
460. Army Chemical Corps ........................................ 18,266.53
461. Army Surgeon General ...................................... 68,108.98
462. Atomic Energy Commission .................................. 32,112.00
463. National Science Foundation ................................ 12,700.00
464. Office of Naval Research .................................... 33,873.58
465. Office of Vocational Rehabilitation .......................... 7,705.13
466. Public Health Service ........................................ 1,133.669.88

Total, Research Contracts with United States Government, Chicago Professional Colleges ........................................ $21,430,439.03

Research and Public Service Contracts with State of Illinois' Agencies, Chicago Professional Colleges

467. State Department of Public Health ............................. $11,643.58
Gifts of Equipment, Library Material, and Works of Art

Anonymous donor: a complete set of the Encyclopaedia Britannica and a bookcase to be placed in the children's ward of the Research and Educational Hospitals.

College of Pharmacy Class of 1957: two concrete benches costing $77.16 located on the front walk leading into the College of Pharmacy building.

Colonel Henry Crown, Chicago: a radio recording combination and a cabinet model television set for the Research and Educational Hospitals.

E. I. Du Pont de Nemours and Company, Hollywood, California: to the Department of Psychiatry, 50,000 feet of 35 mm. cronar motion picture film.

From the family of Dr. Stephen Forbes: to the Department of Radiology, books and journals of the late Dr. Stephen Forbes.

Dr. Roger A. Harvey, Department of Radiology: a Pako model 80 filmfax (estimated value $225).

Humiston-Keeling and Company, Chicago: to the College of Pharmacy, two films, "Design for Life" and "Time for Tomorrow," prepared by the American Foundation for Pharmaceutical Education (estimated value $250).

Professor A. Hooker Goodwin of the Illustration Studios: a portrait of Professor Thomas S. Jones, Professor Emeritus of Medical and Dental Illustration.

Mrs. John Joyce: to the Department of Pediatrics, a table model radio.

Lambda Kappa Sigma sorority: a bulletin board for the women's locker room in the College of Pharmacy building.

Precision Scientific Company, Chicago: to the Hospital Laboratories, a multimode sterilizer.

Sears Foundation: five films relating to the work of the work simplification program of the Research and Educational Hospitals (estimated value, $100-$120).

Elaine Settler Polio Foundation: an air conditioner for use in the Respiratory Center in the Research and Educational Hospitals.

Mrs. Eugene Strong: a baby jumper for the pediatric nursery.

Will County Pharmaceutical Association: a Zenith radio for the Student Women's Lounge in the College of Pharmacy building (estimated value $90).

WLS Christmas Neighbors Club: four table model radios to the Department of Occupational Therapy (estimated value $98.40).

Total, Chicago Colleges ........................................ $1,933,648.14

Gifts to the University of Illinois Foundation

Illini Achievement Fund ........................................ $93,000.15

Other Gifts for Current Purposes ................................. 315,759.93

Endowment Funds .................................................. 126,258.87

Total, Gifts to the University of Illinois Foundation ....... $535,009.95

Summary

Funds from Private Donors

Total for Urbana-Champaign ................................. $1,744,425.09

Total for Chicago Colleges .................................. 572,250.00

Total ........................................................... $2,316,675.15

Funds from Contracts with United States Government

Total for Urbana-Champaign ................................. $6,654,057.53

Total for Chicago Colleges .................................. 1,310,439.93

Total ........................................................... $7,964,497.46
Funds from Contracts with State of Illinois Agencies

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total for Urbana-Champaign</td>
<td>$257,629.89</td>
</tr>
<tr>
<td>Total for Chicago Colleges</td>
<td>$100,058.15</td>
</tr>
<tr>
<td>Total</td>
<td>$357,688.04</td>
</tr>
</tbody>
</table>

Gifts to the University of Illinois Foundation

Grand Total: $358,009.95

This report was received for record.

PURCHASES

Purchases Authorized

(13) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest bid.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six commercial air conditioners</td>
<td>Physical Plant</td>
<td>R. H. Bishop Co., Champaign</td>
<td>$4,919.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One blower fan with cooling and heating coil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One forty-ton package chiller for air-conditioning system</td>
<td>Physical Plant</td>
<td>R. H. Bishop Co., Champaign</td>
<td>$6,000.00 f.o.b. freight allowed</td>
</tr>
<tr>
<td>One air-cooled condenser, forty-ton capacity</td>
<td>Physical Plant</td>
<td>Vilter Sales &amp; Construction Co., Chicago</td>
<td>$3,066.00 f.o.b. Urbana</td>
</tr>
</tbody>
</table>

On motion of Mr. Nickell, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.2 tons ammonium nitrate</td>
<td>Agricultural</td>
<td>Tennessee Valley</td>
<td>$9,014.02 f.o.b. delivered</td>
</tr>
<tr>
<td>53 tons diammonium phosphate</td>
<td>Economics</td>
<td>Authority, Knoxville, Tenn.</td>
<td></td>
</tr>
<tr>
<td>4 tons concentrated superphosphate</td>
<td>Allerton Farms</td>
<td>Operations</td>
<td></td>
</tr>
<tr>
<td>10 tons calcium metaphosphate</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>776 steel office chairs for Biology Building and for Room 100 Administration Building as follows:</td>
<td>Bacteriology</td>
<td>All-Steel Equipment, Inc., Urbana</td>
<td>$6,361.50 f.o.b.</td>
</tr>
<tr>
<td>110 swivel chairs, no arms</td>
<td>Physical Plant</td>
<td>Physiological Bursar's Division</td>
<td></td>
</tr>
<tr>
<td>24 swivel chairs, with arms</td>
<td></td>
<td>Admissions and Records</td>
<td></td>
</tr>
<tr>
<td>112 side chairs, no arms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 side chairs, with arms</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>One Varian No. V-4004 4 in. laboratory electromagnet with cylindrical and tapered pole caps and one each No. V-2300A magnet power supply and V-3301A current regulator</td>
<td>Electrical Engineering</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>$4,400.00 f.o.b. Palo Alto, Calif.</td>
</tr>
<tr>
<td>Four Electronic Associates, Inc, type 16-5AA-20 pre-patch panels and related equipment including three generator chassis and one Model 1100E variplotter</td>
<td>Electrical Engineering</td>
<td>Electronics Associates, Inc., Long Branch, N.J.</td>
<td>$8,400.00 f.o.b. Long Branch, N.J.</td>
</tr>
<tr>
<td>One Gertsch Products model FM-4A microwave frequency multiplier and model FM-GR (modified) VHF frequency meter</td>
<td>Physics</td>
<td>Gertsch Products, Inc., Los Angeles, Calif.</td>
<td>$4,350.00 f.o.b. Los Angeles, Calif.</td>
</tr>
<tr>
<td>One Tektronix 517A oscilloscope with P11 screen, seven millimicroseconds rise time, and 0.01 millimicroseconds/cm. to 20 microseconds sweep range</td>
<td>Physics</td>
<td>Tektronix, Inc., Elmwood Park</td>
<td>$3,500.00 f.o.b. Portland, Oregon</td>
</tr>
<tr>
<td>One model 6137 Vanguard deep therapy X-ray generator with ceiling head mount and upright control unit, with 280 KV at 20 MA continuous operation</td>
<td>Physiology</td>
<td>Picker X-Ray Corp., Chicago</td>
<td>$15,825.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>

*One-half of the cost will be paid by the Allerton Farms' tenants.
<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One polarizing microscope, nine objectives, three eyepieces, one condenser</td>
<td>Anatomy, College of Medicine</td>
<td>W. H. Keesel &amp; Co., Chicago</td>
<td>$2,560.95 delivered</td>
</tr>
<tr>
<td>Photomicrographic camera</td>
<td>Hospital Pharmacy</td>
<td>Xtrium Laboratories, Inc., Chicago</td>
<td>$3,730.00 delivered</td>
</tr>
<tr>
<td>500,000 multiple vitamin capsules having a formula which meets the requirements of the</td>
<td>Research and Educational Hospitals</td>
<td>Karoll's, Inc., Chicago</td>
<td>$2,728.00 delivered</td>
</tr>
<tr>
<td>Therapeutic Committee of the Research and Educational Hospitals</td>
<td>University Library</td>
<td>Remington Rand, Chicago</td>
<td>$23,517.00 f.o.b.</td>
</tr>
<tr>
<td>36 beds and night stands for use of psychiatric patients</td>
<td></td>
<td></td>
<td>delivered and installed</td>
</tr>
<tr>
<td>456 sections of steel library bracket-type book shelving to be furnished and installed</td>
<td></td>
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</tr>
<tr>
<td>in the Biology Building library. Each section is 36 in. wide and 7 ft. 6 in. high. There</td>
<td></td>
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</tr>
<tr>
<td>are 388 double-faced and 48 single-faced sections</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Additional cost for furnishing the above book shelving with special groove-type shelves and</td>
<td></td>
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<tr>
<td>special positive action book supports</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Printing eight issues (21,000 copies each)</td>
<td>Alumni Association</td>
<td>E. W. Petty Co., Chicago</td>
<td>$17,560.00 f.o.b.</td>
</tr>
<tr>
<td><em>Illinois Alumni News</em></td>
<td></td>
<td>Effingham</td>
<td>delivered</td>
</tr>
<tr>
<td>Printing two issues (95,000 copies each)</td>
<td>Bursar’s Division</td>
<td>Riha, Petersen, &amp; Vail, Inc., Chicago</td>
<td>$7,577.33 f.o.b.</td>
</tr>
<tr>
<td><em>Illinois Alumni News</em></td>
<td>Admissions and Records</td>
<td>Chicago</td>
<td>Urbana</td>
</tr>
<tr>
<td>Steel office desks, tables, bookcases, and cabinets for Room 100 Administration Building</td>
<td>Bursar and Accounting</td>
<td>V. P. Hartwell, Peoria, representing</td>
<td>$10,410.07</td>
</tr>
<tr>
<td>49 desks hold every hospital proceedure and student.</td>
<td></td>
<td>the American Motorists Insurance Co.</td>
<td></td>
</tr>
<tr>
<td>14 tables</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11 bookcases</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 cabinets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blanket crime insurance, effective December 29, 1958, for five years at limits of $350,000.00</td>
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</tr>
<tr>
<td>covering the Board of Trustees of the University of Illinois at a cost of $8,773.12 and</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>blanket crime insurance for five years at limits of $100,000.00 covering the University</td>
<td></td>
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</tr>
<tr>
<td>related agencies and student organizations at a cost of $1,696.95, or a total of $10,410.07</td>
<td></td>
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</tr>
<tr>
<td>12 standard electric typewriters</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sulphite white offset paper</td>
<td>Admissions and Records</td>
<td>Engelhardt-Shay Typewriter Co.,</td>
<td>$3,009.00 f.o.b.</td>
</tr>
<tr>
<td>5,000 reams, 8½ x 11 fifty-lb.</td>
<td></td>
<td>Champaign</td>
<td>delivered</td>
</tr>
<tr>
<td>1,000 reams, 8½ x 11 seventy-lb.</td>
<td>Office Supply Stores</td>
<td>Bratton Smith &amp; Co., Chicago</td>
<td>$4,783.80 f.o.b.</td>
</tr>
<tr>
<td>English finish book paper</td>
<td></td>
<td>Chicago</td>
<td>delivered</td>
</tr>
<tr>
<td>150 reams, 25 x 38 fifty-lb. white No. 1</td>
<td>Office Supply Stores</td>
<td>West Virginia Pulp &amp; Paper Co.,</td>
<td>$2,773.89 f.o.b.</td>
</tr>
<tr>
<td>150 reams, 25 x 38 seventy-lb. white No. 1</td>
<td></td>
<td>Chicago</td>
<td>delivered</td>
</tr>
<tr>
<td>40 dozen cups</td>
<td>Housing Division</td>
<td>Advance Hospital Supply Co., Chicago</td>
<td>$2,872.85 f.o.b.</td>
</tr>
<tr>
<td>50 dozen saucers</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>50 dozen dinner plates</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 dozen salad plates</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 dozen fruit dishes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 dozen oatmeal bowls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 dozen fluted bowls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 dozen vegetable bowls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 dozen cream pitchers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 dozen sugar bowls</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Replacements for Lincoln Avenue Residence Food Service Operations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,053 3/4 yards upholstery fabric for future repair of furniture in Allen Hall</td>
<td>Housing Division</td>
<td>Associated Service &amp; Supply Co.,</td>
<td>$3,462.49</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chicago</td>
<td></td>
</tr>
<tr>
<td>Seven Motorola model U43GHT-1100B mobile radio units</td>
<td></td>
<td>Indecor, Chicago</td>
<td>$2,526.95</td>
</tr>
<tr>
<td>One model J33AB-3A remote control base station</td>
<td></td>
<td>L. B. Herbst Corp., Chicago</td>
<td>$648.58 f.o.b.</td>
</tr>
<tr>
<td>One model TA 270M remote control console</td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td>Less trade-in allowance for six mobile units and one Model FSTU-50 base station</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physical Plant</td>
<td>Motorola Communications &amp; Electronics, Inc., Chicago</td>
<td>$4,106.20 f.o.b.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Urbana</td>
</tr>
</tbody>
</table>
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BOARD OF TRUSTEES

[December 17]

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 automobiles and trucks to replace those in present fleet, except one station wagon to be added:</td>
<td>Physical Plant</td>
<td>Sullivan Chevrolet Co., Champaign</td>
<td>$10,760</td>
</tr>
<tr>
<td>17 four-door sedans</td>
<td>Division of Services for Crippled Children</td>
<td>Rantoul Motor Sales, Rantoul</td>
<td>$5,585</td>
</tr>
<tr>
<td>5 four-door station wagons</td>
<td>Housing Division</td>
<td>Springer Motor Sales, Rantoul</td>
<td>$1,607</td>
</tr>
<tr>
<td>1 suburban carryall</td>
<td>Animal Science Extension</td>
<td></td>
<td>$4,516</td>
</tr>
<tr>
<td>2 trucks, one ton</td>
<td>Service in Agriculture and Home Economics</td>
<td></td>
<td>$2,188</td>
</tr>
<tr>
<td>1 truck, one and one-half ton</td>
<td></td>
<td></td>
<td>$1,113</td>
</tr>
</tbody>
</table>

One spectrophotofluorometer, automatic scanning, range 200-800 millimicrons with accessories
One recorder X-Y
Four cells, 4 mm. diameter 40 mm. high with adapter (positioning)
One lot laboratory apparatus (a complete list, with descriptions, of the items included in this order was available at the Board meeting)
2,000 copies of *The Study of Politics*, by Charles S. Hyneman, printed and bound
One X-ray cine fluoroscopic unit for the Medical Research Laboratory

---

One spectrophotofluorometer, automatic scanning, range 200-800 millimicrons with accessories
One recorder X-Y
Four cells, 4 mm. diameter 40 mm. high with adapter (positioning)
One lot laboratory apparatus (a complete list, with descriptions, of the items included in this order was available at the Board meeting)
2,000 copies of *The Study of Politics*, by Charles S. Hyneman, printed and bound
One X-ray cine fluoroscopic unit for the Medical Research Laboratory

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On motion of Mr. Nickell, these purchases were authorized.

**COMPTROLLER’S REPORT OF CONTRACTS**

(14) The Comptroller’s report of contracts executed during the period November 1 to 30, 1958.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Girard Community Unit, District No. 5</td>
<td>School survey</td>
<td>$1,400</td>
<td>October 23, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 01(617)-658</td>
<td>Flight instruction</td>
<td>$13,480</td>
<td>October 27, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 10(604)-0940</td>
<td>Analysis of severe thunderstorms</td>
<td>$6,000</td>
<td>October 15, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 13(616)-6079</td>
<td>Antenna research</td>
<td>$10,000</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>United States Air Force AF 40(638)-517</td>
<td>Construction of small functions with prescribed zeros</td>
<td>$5,394</td>
<td>June 1, 1959</td>
</tr>
<tr>
<td>Virden Community Unit, District No. 4</td>
<td>School survey</td>
<td>$1,400</td>
<td>October 24, 1958</td>
</tr>
</tbody>
</table>

**Leases**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brillion Iron Works, Inc.</td>
<td>One SU112 twelve-foot silo unloader</td>
<td>$100</td>
<td>October 31, 1958</td>
</tr>
<tr>
<td>John Deere Plow Co.</td>
<td>One No. FB177B double disk zigzag troll drill with attachments</td>
<td>$92.75</td>
<td>August 8, 1958</td>
</tr>
<tr>
<td>New Holland Machine Co.</td>
<td>One model 78-T PTO baler, one model 440 mower-crusher with attachments</td>
<td>$355.95</td>
<td>August 14, 1958</td>
</tr>
<tr>
<td>Marie Kuhlman</td>
<td>Garage rental, for use in housing the University car assigned to the Executive Dean of the Chicago Undergraduate Division</td>
<td>$30</td>
<td>November 1, 1958</td>
</tr>
<tr>
<td>Massey Ferguson, Inc.</td>
<td>One F15 standard tractor with double clutch and power steering</td>
<td>$265.11</td>
<td>July 1, 1958</td>
</tr>
</tbody>
</table>
UNIVERSITY OF ILLINOIS

Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Dairy Association</td>
<td>Effect of milk protein to milk fat ratio on fat utilization</td>
<td>$2,500.00</td>
<td>September 30, 1958</td>
</tr>
<tr>
<td>United States Army</td>
<td>Exploration and application of turbulence theories</td>
<td>$9,987.00</td>
<td>November 7, 1958</td>
</tr>
<tr>
<td>United States Army</td>
<td>Effects of carbon additions on mechanical properties of low density-controlled porosity sintered iron</td>
<td>$8,988.00</td>
<td>November 4, 1958</td>
</tr>
<tr>
<td>United States Navy</td>
<td>Hydrodynamic phenomena involved in water-exit</td>
<td>$11,000.00</td>
<td>September 15, 1958</td>
</tr>
<tr>
<td>United States Navy</td>
<td>Propagation of fractures in metals</td>
<td>$30,000.00</td>
<td>October 13, 1958</td>
</tr>
</tbody>
</table>

Adjustments Made in 1958-59 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. T. Drewitch</td>
<td>Twelve items: $25 to $288</td>
<td>$2,288.00</td>
<td>October and November, 1958</td>
</tr>
</tbody>
</table>

This report was received for record.

CARNEGIE CORPORATION GRANT

The Carnegie Corporation of New York has made two grants of $282,600 and $307,400 to the University of Illinois for the continuation of the work in the development of new high school mathematics and elementary school arithmetic programs. In conveying to the officers of Carnegie Corporation the official appreciation of the Board of Trustees, I pointed out that the outcomes of these projects will be of nation-wide significance and that the financial support being given the studies is therefore more than a grant to one institution.

I have accepted this grant and report it for record.

On motion of Mr. Johnston, the President's action was confirmed.

STATUS OF NEGOTIATIONS FOR CHICAGO UNDERGRADUATE DIVISION SITE SELECTION

Mr. Johnston, for the Committee on General Policy, submitted the following report.

By previous planning it had been anticipated that the matter of a final decision on the site for the Chicago Undergraduate Division would be presented to the Board of Trustees at its January meeting. However, since the second engineering report involving the rail terminal site will not be available in time for review, the matter will be postponed.

The Committee feels that because of the urgency of starting site development and construction and the absolute necessity that requests for appropriations be taken to the 1959 session of the Illinois General Assembly, a final decision on the site must be made not later than sixty days after the January meeting.

This report was received for record.

SERVICES OF MR. VERNON L. NICKELL AS A SUPERINTENDENT OF PUBLIC INSTRUCTION AND AS A MEMBER OF THE BOARD OF TRUSTEES

Mrs. Doris S. Holt presented the following resolution and moved its adoption.

To Vernon L. Nickell

The Board of Trustees of the University of Illinois takes occasion at today's meeting to express and record its grateful appreciation of your services as an ex officio member of this Board during the past sixteen years you have served as Superintendent of Public Instruction of Illinois.

It is unnecessary to recount all of your accomplishments. The list would be lengthy, but it should be noted that your entire professional career — your life's work — has been one of service to public education. In addition to assigned official tasks you have generously given time, energy, and your talents to many welfare and other civic undertakings, and to the activities of professional organizations related to your work in public education.
Your personal leadership as State Superintendent and the programs for the improvement of elementary and secondary education developed under your direction are of enduring benefit to the schools and youth of Illinois.

Your colleagues on the Board of Trustees of the University of Illinois are deeply appreciative of your services on this Board, your faithful attendance, wise counsel—and especially your strong support of public higher education.

The President and other administrative officers of the University and the officers of the Board desire to join the Trustees in this tribute and in extending best wishes to you and your family for the years to come.

The Board directs that this resolution be made a part of the official public record of today's meeting, and that a suitable copy be given you as a permanent reminder of this occasion.

Chicago, Illinois
The seventeenth day of December, in the year nineteen hundred and fifty-eight, and in the ninety-first year of the University.

This resolution was unanimously adopted.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ANAST, BASIL P., Instructor in Medicine (Medicine), 95/100 time, ten months from November 1, 1958, $5000 a year, supersedes (11-21-58).

BULLOCK, JAMES W., Research Associate in the State Water Survey, November 22, 1958-June 30, 1959, $600 a month (11-21-58).

CABRERA, JESUS, Assistant in Pathology (Medicine), one year from July 1, 1958, without salary (11-15-58).

COLEMAN, ROBERT V., Research Assistant Professor of Physics (C), November 24, 1958-August 31, 1959, $7000 a year, supersedes (12-2-58).

CSALLANY, MRS. AGNES, Research Assistant in Animal Science (S), ten months from November 1, 1958, $5280 a year, supersedes (11-25-58).

DAUM, DONALD, Instructor in Agricultural Engineering (S), eight months from January 1, 1959, $6200 a year (12-2-58).

DOUGHERTY, NORRIS R., Assistant in Medicine (Medicine), nine months from October 1, 1958, without salary (11-15-58).

EDWALDS, ROBERT M., Clinical Instructor in Psychiatry (Medicine), ten months from November 1, 1958, without salary (12-2-58).

FOX, JACK M., Assistant in Dermatology (Medicine), ten months from November 1, 1958, without salary (11-18-58).

FUSON, REYNOLD C., Professor of Organic Chemistry (College of Liberal Arts and Sciences and Graduate College), indefinite tenure beginning September 1, 1958, to render service during each academic year, $17,500 a year, supersedes (11-11-58).

GERBUH, CARL A., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1958, without salary (12-2-58).


HWANG, KAO, Clinical Assistant Professor of Clinical Science (Medicine), one year from September 1, 1958, without salary, supersedes (11-25-58).

KRIEGER, MURRAY, Professor of English, indefinite tenure beginning September 1, 1959, to render service during each academic year, $13,500 a year (11-18-58).

KRIEGER, NORMAN N., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1958, without salary (11-15-58).

LEE, DONALD A., Research Assistant in the Control Systems Laboratory (S), nine months from December 1, 1958, $6200 a year, supersedes (11-21-58).

MASON, RALPH, Assistant Professor of Business Education, 37 5/100 time to render service during the second semester of the academic year, and on 37 5/100 time on "Y" basis, for six months from March 1, 1959, $536.08 a month, supersedes (11-4-58).
Mear, Thomas H., Instructor in Crowns and Fixed Partial Dentures (Dentistry), 1/2 time, ten months from November 1, 1958, $3000 a year (11-12-58).

Miller, Elmo E., Research Associate in Psychology, October 27, 1958-August 31, 1959, $7500 a year, supersedes (11-6-58).

Minnick, Mrs. Sue, Assistant Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), 1/2 time, nine months from December 1, 1958, $2880 a year, supersedes (12-2-58).

Molbo, Doris M., Assistant in the School of Nursing, ten months from November 1, 1958, $4800 a year (11-15-58).

Niles, Jane K., Instructor in the School of Nursing, nine months from December 1, 1958, $6000 a year (12-2-58).

Pertschonok, Daniel, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), ten months from November 1, 1958, without salary (11-15-58).

Rama Rao, P. B., Research Associate in Animal Science (S), nine months from December 1, 1958, $5500 a year (12-1-58).

Riemann, Hans P. S., Research Assistant in Food Technology (S), five months from April 1, 1959, $158.33 a month (11-25-58).

Schwarz, Marvin, Assistant in Psychiatry (Medicine), one year from September 1, 1958, without salary (11-15-58).

Shaffer, Paul R., Professor of Geology, one month from July 1, 1959, $1110; this is in addition to his present appointment (11-21-58).

Sldoki, Sheldon J., Clinical Assistant in Medicine (Medicine), ten months from November 1, 1958, without salary (12-2-58).

Smith, Arlene J., Clinical Assistant in Psychiatry (Medicine), one year from July 1, 1958, without salary (12-2-58).

Tuckwood, Dwight O., Book Stacks Librarian, with the rank of Instructor, eight months from January 1, 1959, $6300 a year, supersedes (11-21-58).


Whitehorn, William V., Professor of Physiology (Medicine), indefinite tenure beginning December 1, 1958, $14,545 a year, supersedes (12-2-58).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

Aschner, Mary J., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, ten months from November 1, 1958, $416.66 a month (11-12-58).

Bass, Noel, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, $600 (11-20-58).

Bumzahem, Carlos, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, $600 (11-20-58).

Carlson, Donald O., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), eight months from November 1, 1958, $2250 (11-7-58).

Coombs, Alayne, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, $60 a month (11-13-58).

Creath, James, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, $600 (11-20-58).

Fishman, Marvin, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, $60 a month (11-6-58).

Keer, Larry, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, $600 (11-20-58).

Olson, James C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), October 27, 1958-June 30, 1959, $60 a month (11-6-58).
POWERS, RICHARD J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, $60 a month (11-13-58).

ROTHSTEIN, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, $600 (11-20-58).

SACKETT, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, $600 (11-20-58).

TAYLOR, DAVID, United States Public Health Service Medical Student Part-time Research Fellow (Trainee) in the Chicago Professional Colleges, nine months from September 16, 1958, $600 (11-20-58).

WILSON, MRS. MYRIAM, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from November 1, 1958, $60 a month (11-6-58).

RESIGNATIONS

BREEN, JOHN D., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective December 1, 1958.

FARRINGTON, CARL C., Research Assistant in the Digital Computer Laboratory — resignation effective November 15, 1958.

GOODMAN, MRS. IONE T., Research Assistant in Preventive Medicine (Medicine) — resignation effective November 22, 1958.

HAERTLE, ROBERT J., Lois Wells Irwin Fellow in Library Science — resignation effective November 1, 1958.

KEENAN, BOYD R., Charles E. Merriam Fellow in Political Science — resignation effective November 1, 1958.

LOE, HARALD, Research Associate in Oral Pathology (Dentistry) — resignation effective December 31, 1958.

MOCK, HARRY E., Jr., Clinical Instructor in Surgery (Medicine) — resignation effective November 1, 1958.

SEKIGUCHI, T., Research Assistant Professor of Electrical Engineering — resignation effective February 1, 1959.

WALL, JOHN A., Assistant in the Institute of Aviation — resignation effective November 1, 1958.

LEAVE OF ABSENCE

KARFINSKI, R. W., Associate Professor of Physical Science (Chicago Undergraduate Division) — sabbatical leave of absence on one-half pay for the second semester of 1958-59, this being a continuation of leave of absence on one-half pay granted him for the full academic year beginning September 1, 1954, which was changed to a sabbatical leave on one-half pay for the first semester and to leave without pay for the second semester of 1954-55.

JANUARY, 1959, MEETING

President Livingston called attention to the action of the Board of Trustees at its meeting on November 19, 1958, voting to hold the January meeting in Urbana, Illinois, on Tuesday, January 20, 1959, and asked if the Board decided to change this schedule.

On motion of Mr. Williamson, the Board voted to hold this meeting in Chicago, on the same date.

On motion of Mr. Hughes, the Board adjourned.

Following adjournment, the members of the Board and others in attendance at the meeting were guests of the officers of the First National Bank of Chicago at luncheon.

A. J. JANATA
Secretary

PARK LIVINGSTON
President
The January meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Tuesday, January 20, 1959, beginning at 11:30 a.m.

The following members of the Board were present: Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson, Mr. Cushman B. Bissell, Mr. Wirt Herrick, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Mr. C. E. Flynn, Director of Public Information, Mr. William H. Rice, Administrative Assistant in the President's Office; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary. Mr. Howard W. Clement, Mr. Richard A. Harewood, and Mr. Harold Pogue, Trustees-elect, and Dr. Lyle H. Lanier, Dean of the College of Liberal Arts and Sciences, also attended the meeting as guests of the Board.

Preceding its meeting the Board had luncheon during which President Park Livingston introduced the new Trustee, Mr. George T. Wilkins, and the three Trustees-elect who will take office on March 10, 1959. At the conclusion of the luncheon President Henry presented Dr. Lyle H. Lanier, the new Dean of the College of Liberal Arts and Sciences, who spoke briefly on the state of the College.
MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on July 29, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Watkins, these minutes were approved as printed on pages 1 to 76, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. FRANKLIN S. ALCORN, Assistant Professor of Radiology, beginning January 1, 1959, without salary (DY).
2. JOHN L. CHILDS, Visiting Professor of Education, for four and one-half months from February 1, 1959, at a salary of $5,000 (E).
3. RUDOLF HAAG, Professor of Physics, for four and one-half months from February 1, 1960, at a salary of $6,250 (E).
4. JOSEPH M. HEIKOFF, Associate Professor of Regional Planning, in the Bureau of Community Planning, beginning January 1, 1959, at an annual salary of $12,000 (AY).

On motion of Mr. Williamson, these appointments were confirmed.

LEAVE OF ABSENCE FOR DR. HUBERT R. CATCHPOLE

(2) Dr. Hubert R. Catchpole, Research Associate Professor of Pathology in the College of Medicine, has requested a leave of absence, on full pay, for six months beginning March 1, 1959, so that he may take advantage of an opportunity to do research with Dr. N. Eeg-Larson in his laboratory at the State Dental School in Oslo, Norway. The opportunity for this research did not develop until recently, so that Dr. Catchpole was unable to submit his application for leave last year at the time sabbatical leaves for the academic year 1958-59 were under consideration. To postpone this program until next year would impose a personal hardship and would be unadvisable professionally. Dr. Catchpole has been a member of the faculty since 1946 and has had no previous sabbatical leave.

Because of the unusual circumstances, all recommending officers concerned support the application on its merits and recommend that the technical question of lateness be waived and that the leave be approved.

I concur.

On motion of Mrs. Watkins, this leave was granted.

CHANGES IN BASIC KNOWLEDGE AND ADMISSION REQUIREMENTS IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(3) The Urbana Senate recommends the following changes in the basic knowledge required for admission to the College of Liberal Arts and Sciences, effective September 1, 1961:

1. Dropping of the requirement that students who enter the general curriculum in liberal arts and sciences as freshmen (or who enter other schools and subsequently transfer to the College) and who lack one unit of American history in high school must take History 151, History of the United States to 1865, and History 152, History of the United States from 1865 to the Present.
2. Altering of the provision that now requires entering students who lack two units of high school credit in mathematics (one unit in algebra and one unit in plane geometry) to take Mathematics 101 and 102, Basic Mathematics, to a non-waiver requirement for admission to the College of two years of college preparatory mathematics consisting of one unit in algebra and one unit in plane geometry, or at least their equivalent, as determined by the Department of Mathematics.
The Senate Coordinating Council has also approved these changes.
I concur.

On motion of Mr. Swain, these recommendations were approved.

REVISIONS IN THE PHYSICS CURRICULUM IN LIBERAL ARTS AND SCIENCES

(4) The Urbana Senate and the Senate Coordinating Council recommend the following changes in the physics curriculum of the College of Liberal Arts and Sciences. These changes are designed to drop the former two-hour course in hygiene, reduce the minimum hours required for graduation from 126 to 124, and rearrange the work in the curriculum in a way to produce a more evenly balanced load.

Freshman year: Second semester, replace Mathematics 133 (three semester hours) with Mathematics 132 (five semester hours), both being first courses in calculus; discontinue Hygiene 101, Health Lectures (two semester hours).
Sophomore year: First semester, replace Mathematics 143 (five semester hours) with Mathematics 142 (three semester hours), both being second courses in calculus.
Junior year: First semester, replace eight semester hours of electives with four semester hours of electives.
Senior year: First semester, replace seven semester hours of electives with ten semester hours of electives.
Senior year: Second semester, replace ten semester hours of electives with eleven semester hours of electives.
I concur.

On motion of Mr. Johnston, this recommendation was approved.

REVISIONS IN THE FLORICULTURE CURRICULUM

(5) The Urbana Senate and the Senate Coordinating Council recommend adoption of a revised curriculum in floriculture which includes changing the name of the division and of the degree offered from "Floriculture" and "Bachelor of Science in Floriculture" to "Floriculture and Ornamental Horticulture" and "Bachelor of Science in Floriculture and Ornamental Horticulture" respectively, and increasing the number of hours required for graduation from 126 to 130 exclusive of the two years of required physical education.

Most of the changes recommended are minor ones and the details are given in the attached report of the Committee on Educational Policy of the Urbana Senate, a copy of which is being filed with the Secretary of the Board for record.
I concur.

On motion of Mrs. Holt, this recommendation was approved.

WAGE RATES OF LABORATORY MECHANICS

(6) The Board of Trustees at its meeting on September 30, 1958, approved a procedure for the determination of wage rates for laboratory mechanics. The Director of Nonacademic Personnel reports that the procedure authorized has been followed and as a result the laboratory mechanics' group has been awarded an across-the-board adjustment of $10.00 a month, effective July 1, 1958.

On motion of Mr. Swain, this award was confirmed.

REVISION OF PROGRAM FOR CONSTRUCTION OF HOUSING

(7) A comprehensive program for the construction of student and staff housing at Urbana-Champaign during the period of 1957-63 was recommended to and approved by the Board of Trustees on January 28, 1956.

In presenting this program the President stated that it would be subject to reappraisal and to revision in the light of such factors as new construction of private housing available and acceptable to students and staff in the local community and changes in enrollment projections which would affect the University's housing needs. A number of changes were recommended to and approved by the Committee on Buildings and Grounds at its meeting on December 17, 1958.
It is recommended that the Board authorize the President and the administrative staff to make future revisions as needed in the light of possible changing conditions, with the understanding that all such revisions will be submitted to the Committee on Buildings and Grounds for approval.

On motion of Mr. Johnston, this recommendation was approved.

**SUBCONTRACT WITH THE KENTUCKY RESEARCH FOUNDATION**

(8) The University, under a cooperative arrangement with the Illinois State Water Survey, has entered into an agreement with the Army Signal Corps for a study of the measurement of intensity of surface precipitation by radar returns. It is desirable to gather data from various geographic locations. Thus far, data have been secured from the states of Florida and Oregon by entering into subcontracts with the Universities of Florida and Oregon.

It is now necessary to get data in Indonesia. The Kentucky Research Foundation has highly qualified personnel located in Indonesia who are willing to gather the necessary data and to make them available to the University. A subcontract with the Kentucky Research Foundation providing for these services at a cost of $3,105 for the calendar year 1959 is proposed. This proposed subcontract has been approved by the Army Signal Corps, and payments thereunder will be from contract funds. The Vice-President and Comptroller recommends approval.

I concur.

On motion of Mrs. Holt, this subcontract was authorized.

**UNIVERSITY OF ILLINOIS LEGISLATION**

(9) It is recommended that the Board of Trustees authorize the President and other University officials to secure the introduction in the Seventy-first General Assembly of Illinois of bills for the following legislation, and to support their enactment:

1. Appropriation bills for the University's operating budget for 1959-61, the budget for the Institution for Tuberculosis Research, and the University's capital appropriations for 1959-61.
2. Legislation to increase the University's working cash fund from $300,000 to $500,000 as recommended by the auditors.
3. Legislation to give University police the same police powers as regularly constituted police officers, with authority to make arrests, to carry arms, and to perform other functions of peace and police officers while on duty and on or near University property.
4. Amendment of the law concerning compensation for services to bring it into conformity with necessary practices relating to retroactive salary adjustments, if in the opinion of the Legal Counsel, such amendments are desirable.
5. Amendments of the Act creating the University Retirement System of Illinois. It is the responsibility of the Board of Trustees of the University Retirement System of Illinois to secure the enactment of this legislation, but the University should support these measures to include:
   a. More adequate provisions for survivors of participants in the System.
   b. Increasing the present maximum of retiring allowances from $4,500 to $7,200 a year immediately, and eliminating the maximum completely in five years; and increasing the percentage maximum from 60 per cent to 70 per cent of final rate of earnings.
   c. Correction of existing inequities, simplification of administration, and clarification of the intent of the present Act.
6. Amendments of the Act creating the University Retirement System, which the Board of Trustees of the Retirement System will support, but which should be sponsored by the University:
   a. To include employees of the University of Illinois Foundation and the University of Illinois Alumni Association as participants with the employers' contributions paid by the Foundation and Association.
   b. To authorize the Retirement Board to administer a program of hospital
and medical benefits, if funds for the program are appropriated by the Seventy-first General Assembly.

I concur.

On motion of Mr. Swain, this recommendation was approved.

**APPROPRIATION FOR LEGAL SERVICES**

10) The Legal Counsel and the Vice-President and Comptroller recommend an appropriation of $13,600 to the Legal Counsel's Office for employment of special counsel as required and approved by the Board of Trustees, and authorization of payments for such legal services as approved by the President of the University.

I concur.

On motion of Mr. Johnston, this appropriation was made, and authority was given as requested, by the following vote: Aye, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Bissell, Mr. Herrick, Mr. Stratton.

**RECOMMENDATIONS OF THE GEORGE A. MILLER ENDOWMENT COMMITTEE**

11) The George A. Miller Endowment Committee submits the following recommendation and report of its action:

**Undergraduate Scholarships**

At its meeting on January 16, 1957, the Board of Trustees approved a recommendation from the Committee on the George A. Miller Endowment that funds for undergraduate scholarships be assigned as specifically approved annually by the Board of Trustees. Accordingly, the Committee requests an assignment of $5,100 for the undergraduate scholarship program for the academic year 1958-59.

I recommend approval.

**Graduate Fellowships**

The Committee has authorized the Graduate College to use the $3,600 (provided by the Miller Committee and approved by the Board of Trustees on December 17, 1957, for two graduate fellowships of $1,800 each) together with an additional assignment of $400 to increase the stipends of eight University graduate fellowships from $1,500 to $2,000. The eight fellowships will be called George A. Miller Fellowships and will be awarded to students in the non-scientific areas. This assignment is for the academic year 1959-60, only.

Confirmation of this action is requested.

On motion of Mr. Williamson, these assignments were approved by the following vote: Aye, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Bissell, Mr. Herrick, Mr. Stratton.

**WOODROW WILSON FELLOWSHIP PROGRAM**

12) The Woodrow Wilson National Fellowship Foundation of Princeton, New Jersey, has made a grant of $30,000 to the University of Illinois. This is a subvention for the Graduate College representing $2,000 for each of the fifteen Woodrow Wilson Fellows now enrolled at the University, and is apart from the stipends they are receiving during the current academic year, 1958-59. Three-fourths of the $2,000 is to be used "for assisting beyond their first year of graduate work any students genuinely interested in a teaching career, whether or not they earlier received Woodrow Wilson Fellowships," and the other one-fourth is "to be available at the discretion of the institution, for strengthening its graduate program." This fellowship program is financed by the Ford Foundation.

I have accepted the grant for the University and report this for record. This report was received for record.
Purchases

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One lot laboratory apparatus and equipment</td>
<td>General Chemical Stores</td>
<td>Schaar &amp; Co., Chicago</td>
<td>$12,056.19 f.o.b. delivered</td>
</tr>
<tr>
<td>Two-way mobile radio equipment consisting of two base stations with antennas, two mobile stations, one carter rotary converter, one portable radio unit, one set of accessories for installation</td>
<td>Electrical Engineering</td>
<td>General Electric Co., St. Louis, Mo.</td>
<td>$3,579.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One Richardson type R-4001 projection plate (camera) 16 mm. to 70 mm. variable speeds up to 24 frames per second</td>
<td>Electrical Engineering</td>
<td>Richardson Camera Co., Inc., Burbank, Calif.</td>
<td>$3,800.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One high-speed analog-to-digital converter</td>
<td>Electrical Engineering</td>
<td>Eppo, Inc., Boston, Mass.</td>
<td>$5,800.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One eight-channel digital magnetic tape recorder with tape speeds of 75, 37 1/2, 9, and 4 in. per second</td>
<td>Electrical Engineering</td>
<td>Ampex Corp., Villa Park</td>
<td>$9,000.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Library furniture for Biology Building</td>
<td>Library</td>
<td>Blackwell Wieland Co., St. Louis, Mo.</td>
<td>$14,911.04 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>18 tables</td>
<td>Library</td>
<td></td>
<td></td>
</tr>
<tr>
<td>90 chairs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 stools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7 card cabinets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 atlas case</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1 exhibit case</td>
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<td></td>
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<tr>
<td>6 book trucks</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 charging desk</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 dictionary stand</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 book display holder</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>84 ft. of book shelving</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One two-channel DC amplifier and one four-channel ink-writing oscillograph</td>
<td>Otolaryngology</td>
<td>Brush Instrument Co., c/o Hugh Marsland &amp; Co., Chicago</td>
<td>$2,715.00 f.o.b. Cleveland, Ohio</td>
</tr>
<tr>
<td>One infrared spectrophotometer and accessories</td>
<td>Pharmacy &amp; Chemistry</td>
<td>Beckman Instruments, Inc., Chicago</td>
<td>$17,768.50 f.o.b. Fullerton, Calif.</td>
</tr>
<tr>
<td>One grand piano, Style B, Steinway, ebony finish, less trade-in for one Conover grand piano</td>
<td>School of Music</td>
<td>Lyon &amp; Healy, Inc., Chicago</td>
<td>$3,318.50 f.o.b. Urbana</td>
</tr>
<tr>
<td>One harpsichord</td>
<td>School of Music</td>
<td>Hubbard &amp; Dowd, Inc., Waltham, Mass.</td>
<td>$3,650.00 f.o.b. Waltham, Mass.</td>
</tr>
<tr>
<td>Eight issues of the Illinois Journal of Mathematicst to be printed and bound</td>
<td>Mathematics</td>
<td>Waverly Press, Inc., Baltimore, Md.</td>
<td>$24,000.00 f.o.b. Baltimore, Md.</td>
</tr>
<tr>
<td>1,500 copies The Mother-Child Interaction in Psychosomatic Disorders, by Ann M. Garner and Charles Wenar, to be printed and bound</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>$3,235.00 f.o.b. delivered</td>
</tr>
<tr>
<td>25,000 copies second semester Time Tables to be printed and bound</td>
<td>University Press</td>
<td>The Interstate Printers &amp; Publishers, Inc., Danville</td>
<td>$5,613.45 f.o.b. delivered</td>
</tr>
<tr>
<td>300 reams 25 x 38 60-lb. white No. 1 English finish book paper</td>
<td>Office Supply Stores</td>
<td>Dwight Bros. Paper Co., Chicago</td>
<td>$2,707.74 f.o.b. delivered</td>
</tr>
<tr>
<td>65,400 reams 16 lb. substance white No. 4 sulphite mimeograph bond paper. (This is an estimated annual requirement for Urbana and Chicago and is to be shipped in approximately four equal shipments, March, June, and November, 1959, and February, 1960.)</td>
<td>Office Supply Stores</td>
<td>Bradner Smith &amp; Co., Chicago</td>
<td>$38,492.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>
Item | Department | Vendor | Cost
---|---|---|---
One multiple head paper drill with accessories, less trade-in allowance for a Challenge drill, serial No. 2065 | Print Shop | Nygren-Dahly Co., Chicago | $3,976.40 f.o.b. delivered
300 cases toilet tissue | Physical Plant | Westervelt Paper Co., Decatur | 2,827.30 f.o.b. delivered
100 cases paper hand towels | Physical Plant | Otis Elevator Co., Springfield | 3,866.00 f.o.b. delivered and installed
Furnish and install new plunger, complete with nipples, packing, top and bottom plugs, on Otis elevator at Agronomy Seed House | Physical Plant | Macon Supply Co., Decatur | 4,773.89 f.o.b. Urbana
44,676 pounds steel pipe, black and galvanized, in various sizes from 34 in. to 4 in. | Physical Plant | | 

On motion of Mr. Williamson, these purchases were authorized.

**COMPTROLLER'S REPORT OF CONTRACTS**

(14) The Comptroller's report of contracts executed during the period December 1 to 31, 1958.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Food Laboratories, Inc.</td>
<td>Liquid stabilizers in high temperature processing of ice cream mixes</td>
<td>$3,000.00</td>
<td>December 3, 1958</td>
</tr>
<tr>
<td>City of Mattoon</td>
<td>Recreation survey of Mattoon, Illinois</td>
<td>499.50</td>
<td>November 4, 1958</td>
</tr>
<tr>
<td>Glenco Motors, Inc.</td>
<td>Soliciting limousine and taxicab passengers within the airport terminal area</td>
<td>275.00</td>
<td>December 18, 1958</td>
</tr>
<tr>
<td>Illinois Liquid Fertilizer Association</td>
<td>Comparison in field trials of liquid and dry fertilizers</td>
<td>1,500.00</td>
<td>June 1, 1958</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-2943</td>
<td>Radiometric missile tracking for lunar probe</td>
<td>6,025.00</td>
<td>November 26, 1958</td>
</tr>
<tr>
<td>United States Army DA-22-079-ENG-240</td>
<td>Dynamic bearing capacity of soils</td>
<td>35,790.00</td>
<td>October 15, 1958</td>
</tr>
<tr>
<td>United States Department of Agriculture 12-14-100-2619(74)</td>
<td>Changes that occur in spores of bacillus thermoacidurans when subjected to severe heat</td>
<td>19,434.00</td>
<td>November 26, 1958</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Education</td>
<td>Surveys and demonstrations in the field of education</td>
<td>35,850.00</td>
<td>December 1, 1958</td>
</tr>
<tr>
<td>United States Navy Nop-906</td>
<td>Educational instruction and other required services</td>
<td>557.50</td>
<td>November 26, 1958</td>
</tr>
<tr>
<td>United States Steel Corp.</td>
<td>Segregation of materials in bulk-bleded fertilizers and variability in field application</td>
<td>15,000.00</td>
<td>December 1, 1958</td>
</tr>
<tr>
<td>Wauconda Community Consolidated Grade School, District No. 86</td>
<td>School building survey</td>
<td>1,000.00</td>
<td>November 18, 1958</td>
</tr>
<tr>
<td>Wauconda Township High School, District No. 118</td>
<td>School building survey</td>
<td>1,000.00</td>
<td>November 18, 1958</td>
</tr>
</tbody>
</table>

**Leases**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Badger Northland, Inc.</td>
<td>One twelve-inch silo unloader</td>
<td>$100.00 annually</td>
<td>November 19, 1958</td>
</tr>
<tr>
<td>Starline, Inc.</td>
<td>One No. 29 twelve-inch silo unloader with attachments</td>
<td>100.00 annually</td>
<td>November 18, 1958</td>
</tr>
</tbody>
</table>

**Contract Changes**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battle Creek Equipment Co.</td>
<td>Dynamic exercisers for conditioning purposes</td>
<td>$2,200.00</td>
<td>November 20, 1958</td>
</tr>
<tr>
<td>Corn Products Refining Co.</td>
<td>Carbohydrates and unidentified growth factors for the baby pig</td>
<td>1,500.00</td>
<td>October 1, 1958</td>
</tr>
</tbody>
</table>
BOARD OF TRUSTEES [January 20

With Whom Purpose Amount to be Paid to the University Effective Date
United States Air Force
AF 33(016)-276
Alloying of the transition metals $38,000.00 October 20, 1958
United States Army
DA-49-007-MD-544 Nutritive value of major nutrients of irradiated food $30,000.00 October 31, 1958
United States Army
DA-49-129-ENG-593 Multiple-panel reinforced concrete floor for buildings $10,000.00 November 5, 1958
United States Atomic Energy Commission
AT(11)-67 Nutritional biochemistry on the metabolism of vitamins and amino acids $10,000.00 December 3, 1958
Project No. 2
United States Atomic Energy Commission
AT(11)-67 Mechanism of substitutional diffusion in metals $49,456.00 October 1, 1958
Project No. 3
United States Atomic Energy Commission
AT(11)-67 Metabolism of amino acids labeled with radioactive carbon $5,500.00 October 1, 1958
Project No. 12
United States Navy
Nonr-1834(02) Development of radio wave direction-finding techniques $30,000.00 November 4, 1958
United States Navy
Nonr-1834(24) Action of chemotherapeutic agents $49,479.00 October 29, 1958
Upjohn Co. New antibiotics $6,000.00 August 27, 1958

Adjustments Made in 1958-59 Cost-Plus Contract

With Whom Purpose Amount Amount
E. T. Drewitch Thirty-five items: $362.04 deduct $2,639.58 November and
(Plastering) to $600.00 December, 1958

This report was received for record.

COLLEGE OF NURSING

(15) The Vice-President in charge of the Chicago Professional Colleges recommends that the name of the School of Nursing be changed to the College of Nursing.

In 1952 the Senate Committee on Educational Policy made a comprehensive report to the President of the University on nursing education at the University of Illinois and a number of recommendations, including a four-year curriculum leading to the degree of Bachelor of Science in Nursing and the change in name. The Senate and Board approved the curriculum which began September, 1953. Action on the change in name has been withheld pending development of the educational program. In the meantime, the curriculum has been accredited by the National League for Nursing’s Collegiate Board of Review.

I recommend approval of the change in name. With this change all degree-granting units of the University will be named colleges.

On motion of Mrs. Watkins, this recommendation was approved.

UNIVERSITY PROGRAM FOR SUPERIOR STUDENTS

(16) Following the recommendations of a Committee on Programs for Superior Students appointed by the Vice-President and Provost, the Urbana Senate on December 8, 1958, adopted the following program:

1. That the Urbana Senate approve the principle of special curricular arrangements for superior undergraduate students, designed to match their capacity to learn more quickly than the average and to handle studies of greater difficulty and maturity.

2. That the President appoint a University Director of Honors Programs, whose duty it shall be to encourage the establishment of special programs for superior students at all levels of the several undergraduate curricula, and to superintend the selection and retention of students in the group to be admitted to these programs.

3. That the President appoint a Faculty Honors Council to work with the Director of Honors Programs.

4. That beginning with the freshman class entering in September, 1959, or at such later date as he may fix if that seems necessary and desirable, the Director of Honors Programs shall, in advance of registration, select a
group of superior students to consist of about 3 to 5 per cent of the entering class, on the basis of such information as may be available concerning scholastic aptitude and accomplishment. Sources of information might be:

a. Examination of high school transcripts for evidence of substantial academic training.

b. Performance on available tests taken in high school (for example, National Merit Scholarships, College Entrance Examination Board tests).

c. Over-all standing in the high school class.

d. Recommendations from the high school principal and teachers.

e. Personal interview.

5. That the members of this group be known as Edmund J. James Scholars.

6. That as far as possible, James Scholars shall be taught in special courses or sections designed to exercise to the full their academic capabilities.

7. That the inclusion of sophomores in the group of James Scholars begin in the second year, of juniors in the third year, and of seniors in the fourth year after the program is established.

8. That the Director and Council be authorized to drop students from the group or add students to it at the beginning of any semester.

9. That it be understood that the several colleges retain the right to formulate criteria for the granting of college honors and departmental distinction at graduation.

10. That the Director and Council be encouraged to formulate and propose measures for improving the University's educational program for superior students, for stimulating such students to their best efforts, and encouraging them by providing physical facilities conducive to study.

11. That the Director be authorized to publicize the University's plans for superior students.

The Chicago Professional Colleges and the Chicago Undergraduate Division will participate in this program with whatever modifications may be recommended by their Senates to meet the special problems existing on those campuses.

I recommend approval of this program.

On motion of Mr. Hughes, this recommendation was approved.

APPOINTMENTS OF DIRECTOR AND ASSOCIATE DIRECTOR OF UNIVERSITY HONORS PROGRAMS AND OF ASSOCIATE DEAN OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(17) The Committee on Programs for Superior Students and the Vice-President and Provost recommend the appointment as of February 1, 1959, of Professor R. E. Johnson, Head of the Department of Physiology, as Director of University Honors Programs, and of Dr. Jum C. Nunnally, Jr., Assistant Professor of Psychology, as Associate Director of Honors Programs. These appointments are to be effective until August 31, 1959, and may be renewed from year to year.

Dean Lyle H. Lanier of the College of Liberal Arts and Sciences recommends the appointment of Dr. J. C. Nunnally, Jr. as Associate Dean of the College effective September 1, 1959. His work as Associate Dean will be closely related to the honors program.

I recommend approval of these appointments and request authorization to approve such adjustments in the salaries of these men as are appropriate for the additional responsibilities they will assume. When the formal appointments have been processed, they will be included in the Secretary's report to the Board of appointments approved by the President of the University.

On motion of Mr. Hughes, these appointments were approved.

AWARD OF CONTRACT FOR ABBOTT POWER PLANT ADDITION

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for $26,159 to Gallaher and Speck, Chicago, for water-softening equipment and dust elimination equipment for the addition to Abbott Power Plant.

Funds are available in the special state appropriation for this addition.

I concur.

The Secretary presented a letter, dated January 16, 1959, addressed to the Board of Trustees from the Ideal Heating Company, Chicago,
requesting that the contract be awarded to that Company on the ground
that it submitted the lowest bid.

Director C. S. Havens reported that this Company’s bid was incom-
plete, did not comply with all of the bidding specifications and instruc-
tions, and that in the opinion of his staff, the deficiencies were
sufficiently material that they should not be waived in fairness to other
contractors who submitted complete bids.

Mr. Williamson stated that this matter had previously been sub-
mited to the Committee on Buildings and Grounds, and that the Com-
mittee was prepared to support the recommendation.

On motion of Mr. Williamson, the contract was awarded to Gallaher
and Speck, as recommended.

CHARGES FOR CENTRAL FOOD STORES BUILDING AND
SNACK BAR AND SERVICE BUILDING

The Comptroller and the Secretary of the Board presented the follow-
ing resolution recommended for adoption by bond counsel in connection
with the issuance of “The Board of Trustees of the University of
Illinois Housing Revenue Bonds.”

Resolution

Resolved that the rates and charges to be made for services of the Central
Food Stores Building and the Snack Bar and Service Building, constituting a
portion of Project No. Ill. 11-CH-45(S), shall be in such amounts as shall from
time to time be established by the administrative officials of the University but not
less than an amount which will produce the estimated revenues for said facilities
set forth in the official Bond Statement of the University relating to the Housing
Revenue Bonds of 1958.

On motion of Mr. Swain, this resolution was adopted by the follow-
ing vote: Aye, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston,
Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none;
absent, Mr. Bissell, Mr. Herrick, Mr. Stratton.

FEBRUARY AND MARCH MEETINGS

President Livingston reminded the Board that it had previously voted
to hold its February meeting in Chicago, on Thursday, February 19,
1959, and that the annual meeting is scheduled to be held in Urbana,
on Tuesday, March 10, 1959, unless changed by the Board.

He stated that some of the Trustees have informed him that they
can not attend a meeting on March 10, and he asked if the Board
desired to take any action regarding the matter. The three Trustees-
elect, who will take office on March 10, and who were present as guests
of the Board, were consulted and stated that they would be willing to
have the meeting postponed to a later date.

On motion of Mrs. Watkins, the Board voted to change the date
of its 1959 annual meeting from March 10 to March 12, said meeting
to be held in Urbana.

AUDIT OF UNIVERSITY ACCOUNTS

The Secretary reported that he received and distributed to all members
of the Board of Trustees signed copies of the report from Ernst and
Ernst, Chicago, of their audit of the University of Illinois accounts
for the year ended June 30, 1958. A copy has been retained in the
files of the Secretary.
A signed copy of this report has also been sent by Ernst and Ernst to the Auditor General.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

BILLINGER, WILBERT, Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals), nine months from December 1, 1958, $5600 a year, supersedes (12-9-58).

BLUCHER, WALTER H., Visiting Professor of City Planning, February 1-June 15, 1959, to render service during the second semester of the academic year, $5000 (12-18-58).

BREEN, JOHN D., Registered Pharmacist in Hospital Pharmacy (Illinois Eye and Ear Infirmary), nine months from December 1, 1958, $5600 a year (12-9-58).


COLVIN, JAMES C., Executive Secretary of the University of Illinois Foundation, 42/100 time, four months from September 1, 1958; Executive Director for six months from January 1, 1959, $5840 a year, supersedes (12-8-58).


DOUGHERTY, EDITH C., Research Assistant in Preventive Medicine (Medicine), November 4, 1958-August 31, 1959, $5200 a year (12-9-58).

EISENBART, NANCY A., Registered Pharmacist in Hospital Pharmacy (Illinois Eye and Ear Infirmary Pharmacy), nine months from December 1, 1958, $5600 a year, supersedes (12-9-58).

FAGO, CLIFFORD E., Research Assistant in Forestry (S), seven months from December I, 1958, $2800 (12-19-58).

FISHER, WALTER E., Research Associate in Civil Engineering (S), eight months from January 1, 1959, to render service during the academic year, $6100 a year, supersedes (12-20-58).

FRIEDERICI, HARTMANN, Instructor in Pathology (Medicine), six months from January 1, 1959, $5400 a year, supersedes (12-18-58).

GARBER, RALPH J., Professor of Plant Breeding (Agronomy) (College of Agriculture, assigned to India under provisions of Contract ICA-W-48), January 29-April 8, 1959, $1000 a month (12-19-58).


HALL, BUFORD, Assistant Professor of Medicine (Medicine), eight months from January 1, 1959, without salary, supersedes (12-9-58).

KAHN, HERBERT, Research Associate in Clinical Science (Medicine), one year from September 1, 1958, without salary (12-9-58).

LEKAN, EUGENE C., Assistant in Oral and Maxillofacial Surgery (Dentistry), nine months from December 1, 1958, without salary (12-18-58).

MACGREGOR, JAMES G., Research Associate in Civil Engineering (S), February 1-June 15, 1959, $522.22 a month, supersedes (12-30-58).

MOHAN, RAM N., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), 3/4 time, seven months from February 1, 1959, $4350 a year (12-3-58).

PARKS, JOE M., Research Associate in Chemistry, January 16-August 31, 1959, $6800 a year (12-30-58).

ROGERS, BRUCE, Instructor in Theoretical and Applied Mechanics (C), 3/4 time, six months from February 1, 1959, to render service during the second semester of the academic year, $208.33 a month, supersedes (12-20-58).
ROSENSTHN, HERBERT R., Instructor in Applied Materia Medica and Therapeutics (Dentistry), 1/2 time, November 13, 1958-August 31, 1959, $2,600 a year (12-18-58).


SKOLNIK, EMMANUEL M., Otolaryngologist in the Division of Services for Crippled Children, 2/10 time, eight months, and Associate Professor of Otolaryngology (Medicine), 5/10 time, indefinite tenure, January 1, 1959, $6,500 a year, supersedes (12-18-58).

SNITMAN, MAURICE F., Clinical Associate Professor of Otolaryngology (Medicine), indefinite tenure beginning January 1, 1959, without salary, supersedes (12-18-58).

SOBOROFF, BURTON J., Associate Professor of Otolaryngology (Medicine), 1/2 time, indefinite tenure beginning January 1, 1959, $4,850 a year, supersedes (12-18-58).

WEBSTER, GEORGE L., Professor of Chemistry (Pharmacy), indefinite tenure, and Dean of the College of Pharmacy, eight months, from January 1, 1959, $16,000 a year, supersedes (12-9-58).

WHITNEY, GREENE R., Research Assistant in Preventive Medicine (Medicine), six months from December 1, 1958, $4,800 a year (1-5-59).

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the dates indicated in parentheses.)


GULICK, JOSEPH, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), November 16, 1958-June 30, 1959, $60 a month (12-12-58).


MILLER, WILLIAM A., Fellow in the Chicago Professional Colleges, three months from January 1, 1959, $666.66 (12-1-58).


THOMPSON, DENNIS P., United States Public Health Service Medical Student Part-time Research Fellow (Trainee) (Chicago Professional Colleges), nine months from September 16, 1958, $600 (12-8-58).


RESIGNATIONS AND DECLINATIONS


CHEN, SHIH DZUNG, Assistant Professor of Home Economics — resignation effective January 27, 1959.

COOMBS, ALAYNE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective November 1, 1958.

DESHIPANDE, MURLIDHAR V., Visiting Assistant Professor of Electrical Engineering — resignation effective February 1, 1959.


ENDO, ROBERT M., Assistant Professor of Plant Pathology — resignation effective December 27, 1958.

FISCHER, JOHN L., Assistant in Chemistry (Pharmacy) — resignation effective January 1, 1959.

FRANKENFELD, ROBERT, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective January 1, 1959.

FREYER, WARREN R., Instructor in English (Chicago Undergraduate Division) — resignation effective March 1, 1959.

GRAHAM, HORACE D., Assistant in Food Technology — resignation effective January 1, 1959.


JOCHI, JAMES T., Fellow in Mathematics — declination effective February 1, 1959.

KALLINTERIS, DEMETRIUS, Physician in the Health Service (Chicago Professional Colleges) — resignation effective January 1, 1959.

KUZMANIC, MRS. BETTY W., Instructor in Mathematics (Chicago Undergraduate Division) — resignation effective March 1, 1959.

LECHOWICH, RICHARD V., Assistant in Food Technology — resignation effective December 1, 1958.

LE MOINE, SHARON, Fellow in Chemistry — resignation effective February 1, 1959.

MATTESON, JOHN W., Research Associate in Agricultural Entomology — resignation effective January 1, 1959.

McGEE, DONALD E., Fellow in Chemistry — resignation effective January 1, 1959.

MORTLOCK, ROBERT P., Research Assistant in Bacteriology — resignation effective December 27, 1958.

RADERE, LOIS A., Fellow in English — resignation effective November 1, 1958.

SIUCTER, C. W., Research Associate in Chemistry — resignation effective December 6, 1958.

SUTTON, PEGGY M., Undergraduate Library Assistant, with rank of Instructor — resignation effective February 1, 1959.


TICHELAR, GERRIT W., Research Associate in Physics — resignation effective February 10, 1959.

TOBIN, DON G., Fellow in Geology — declination effective February 1, 1959.
YOKOYAMA, KATSUYUKI, Assistant Professor of Biological Sciences (Chicago Undergraduate Division) — resignation effective March 1, 1959.

LEAVES OF ABSENCE

BRADEN, BETTY J., Henderson County Home Adviser — sick leave of absence with full pay extended for additional two months, through November 30, 1958; thereafter she will be on leave of absence, without pay, for an indefinite period.

BURGER, AMBROSE W., Associate Professor of Agronomy (C and S) — leave of absence on account of illness, with full pay, for three months from November 4, 1958.

BURNSTOCK, MRS. NOMI, Research Assistant in Animal Science (S) — leave of absence, without pay, from December 18, 1958, through January 7, 1959.

DIETER, OTTO A., Associate Professor of Speech — sick leave of absence with full pay beginning November 24, 1958, and continuing through January 31, 1959.

MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (C), and Head of the Digital Computer Laboratory (Graduate College) — leave of absence, without pay, for one year beginning April 1, 1959.

PFLANZE, OTTO F., Assistant Professor of History — sick leave of absence with full pay from December 4, 1958, to February 1, 1959.

REYNOLDS, HELEN M., Assistant Architecture Librarian, with rank of Assistant Professor — leave of absence, without pay, for five months beginning February 1, 1959, so that she may accept an appointment with the University of Texas.

SNADER, DANIEL W., Professor of Education (College of Education and Division of University Extension) — leave of absence, without pay, for three years beginning March 1, 1959, so that he may serve as Specialist for Secondary School Mathematics on the staff of the United States Office of Education.

YOUNG, GEORGE A., Associate Professor of Civil Engineering (C) — leave of absence, without pay, beginning March 1, 1959, and continuing through February 29, 1960, so that he may accept an assignment with the Air Force Ballistic Missile Division in Inglewood, California.

EXECUTIVE SESSION

At this point an executive session was requested and ordered for consideration for the following item of business.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(19) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Apparatus for scanning stains or images on film for automatic sizing and counting — John Edwin Pearson, Professor of General Engineering, inventor. This is a mechanical scanning technique and may be compared to a simple slide projector in which the projector is revolved so that the picture on the screen is moved past a photo-multiplier tube.

This invention had been referred to the University of Illinois Foundation for study, and that agency has reported that it is very doubtful that there is any commercial value to the device. Accordingly, the Committee recommends that the invention be released to the inventor with the stipulation that if he files for a patent, he will recognize the contractual obligations to the sponsoring agency, the Air Force; that if he does not file for a patent, he will release all his rights in the invention to the sponsoring agency; and that the University is to execute all documents necessary to accomplish this.

2. Non-planar logarithmically periodic antenna structures — Dwight E. Isbell, Antenna Technician, Department of Electrical Engineering, inventor; and unidirectional equiangular spiral antenna — John D. Dyson, Assistant Professor and Assistant Research Professor of Electrical Engineering, inventor. These inventions are advanced antenna structures which are novel because they operate over a large range of frequencies, together with other advantages over existing antenna structures.
They are very closely related to the antenna invention of R. H. DuHamel that was released to the University of Illinois Foundation on June 19, 1958. For this reason and because of the commercial possibilities of these inventions, the Patent Committee recommends that they be released to the Foundation, duly recognizing the obligations to the sponsoring agency, the Air Force.

3. Alkylation of purines and pyrimidines—Terrell C. Myers, Assistant Professor of Biological Chemistry, College of Medicine, and Lowell D. Zeleznick, Research Assistant in Biological Chemistry, College of Medicine, inventors.

Procedures have been developed for the alkylation of purines and pyrimidines by means of quaternary ammonium salts. These procedures give rise to certain purine and pyrimidine derivatives of potential biological activity. Some of these derivatives are new compounds.

After discussing the opinion of the Head of the Biological Chemistry Division of the College of Medicine and of the Vice-President in charge of the Professional Colleges that the commercial possibilities of these compounds are remote, the Patent Committee recommends that this invention be released to the inventors with the stipulation that the contractual rights of the sponsoring agency, the United States Public Health Service, be recognized.

4. Double-refraction by rotating electric fields—Don F. Holshouser, Research Assistant Professor of Electrical Engineering, inventor. The purpose of this invention is to effect variations in the optical anisotropy of media which exhibit the Kerr effect.

The Patent Committee concurs in the opinion of the Head of the Electrical Engineering Department that this invention has little or no commercial possibility and recommends that it be released to the inventor with the stipulation that if he files for a patent, he will recognize the contractual obligations to the sponsoring agency, the Air Force; that if he does not file for a patent, he will release all his rights in the invention to the sponsoring agency; and that the University is to execute all documents necessary to accomplish this.

I concur in these recommendations.

On motion of Mr. Johnston, these recommendations were approved.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President
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The February meeting of the Board of Trustees of the University of Illinois was held in the Sheraton-Blackstone Hotel, Chicago, Illinois, on Thursday, February 19, 1959, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson, Governor William G. Stratton and Mr. George T. Wilkins were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Mr. C. E. Flynn, Director of Public Information, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. John H. Worthington, Manager of Public Information Office, Chicago Departments, Mr. Richard L. Nelson, President of Real Estate Research Corporation of Chicago; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary. Mr. Howard W. Clement, Mr. Richard A. Harewood, and Mr. Harold Pogue, Trustees-elect, were guests at the meeting.
The Secretary presented the minutes of the meetings of the Board of Trustees on September 30, 1958, and October 23, 1958, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Holt, these minutes were approved as printed on pages 77 to 177, inclusive.

**CHANGE OF ORDER OF BUSINESS**

Mr. Johnston moved that the Board suspend the rules on the Order of Business to take up consideration of certain resolutions and a report of the Committee on General Policy; and this motion was adopted by a voice vote.

Mrs. Watkins moved that Mr. Herrick be asked to take the Chair and to preside during the presentation of resolutions. This motion was adopted and Mr. Herrick took the Chair.

**RESOLUTIONS**

Mrs. Watkins offered the following resolution and moved its adoption:

**To Doris S. Holt**

The Board of Trustees of the University of Illinois gratefully records its warm appreciation for your faithful service as a member of this Board for the twelve years from 1947 to 1959.

As Chairman of the Student Welfare and Activities Committee for twelve years you have given leadership to an important aspect of the Board's work and have done so with understanding and insight. You have made important contributions to the physical development and welfare of the University as a member of the Committee on Buildings and Grounds during your entire tenure. The University of Illinois is fortunate to have had the benefit of your competent and gracious service.

The President and other administrative officers of the University desire to join the members of the Board of Trustees in this tribute and also in extending best wishes to you and Mr. Holt in the years to come.

The Board directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official record and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Chicago, Illinois

On the nineteenth day of February, one thousand nine hundred and fifty-nine, and in the ninety-second year of the University.

Mr. Johnston offered the following resolution and moved its adoption:

**To Cushman B. Bissell**

The Board of Trustees of the University of Illinois hereby expresses its grateful appreciation for your public-spirited and distinguished service as a member of this Board for the six years from 1953 to 1959.

Your able contribution to the work of a number of committees is recognized and special commendation is noted for the leadership you have given to the Alumni and Patent Committees of which you served as Chairman. The keen discernment evident in your discussions of business before the Board and in directing attention to fundamental issues has been of great help to the Trustees in making policy decisions. It should also be noted that as a representative of this Board on the Board of Trustees of the University Retirement System of Illinois you had an especially useful role in bringing to this assignment your splendid legal and business background and your personal acumen.

The President and other administrative officers of the University have indicated their desire to join the members of the Board of Trustees in this tribute and in extending to you and Mrs. Bissell their best wishes for the years ahead.

The Board of Trustees directs that this resolution be incorporated in the
minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Chicago, Illinois
On the nineteenth day of February, one thousand nine hundred and fifty-nine and in the ninety-second year of the University.

Mr. Swain offered the following resolution and moved its adoption:

To Park Livingston

The Board of Trustees of the University of Illinois hereby records your eighteen years of continuous service as a member of this Board and gratefully expresses its appreciation for your vigorous and competent leadership as its President for ten years, in the periods from 1943 to 1948, again from 1951 to 1954, and most recently from 1957 to 1959.

Your long and diversified experience in the University, in your earlier years as a student leader, as a member of the staff, and later as a member of this Board of Trustees, have given you depth of understanding of this institution which, coupled with your energy and devotion, have provided it with extraordinary service.

It should be noted that your services during the past eighteen years included the critical World War II and postwar periods when policy and planning decisions were significant in shaping the future of the University. The list of the University's accomplishments in the expansion of its services during your tenure as Trustee and as President of the Board would be too lengthy to recount here, but three significant programs to which you made special contributions should be mentioned: the establishment of the College of Veterinary Medicine; the construction of the University of Illinois Airport and the establishment of the Institute of Aeronautics; and the establishment of the Chicago and Galesburg Undergraduate Divisions.

Special recognition is also due your sixteen years as a member of the important Executive Committee of the Board of Trustees and your work on all of the other standing committees on four of which you served as Chairman. Your services as a member of the Medical Center Commission and as a Director of the University of Illinois Foundation should also be recorded as significant contributions to the welfare of the University.

The President and other administrative officers of the University wish to join with the Board of Trustees in this tribute to you and in extending best wishes to you and Mrs. Livingston.

The Board of Trustees directs that this resolution be incorporated in the minutes of today's meeting to become a part of the official public record, and that a suitable copy be given you as a permanent reminder of the esteem and affection in which you are held.

Chicago, Illinois
On the nineteenth day of February, nineteen hundred and fifty-nine, and in the ninety-second year of the University.

The foregoing resolutions of tribute to Mrs. Doris S. Holt, Mr. Cushman B. Bissell, and Mr. Park Livingston, having been read, were unanimously adopted by a rising vote.

Mr. Herrick withdrew from the Chair and President Livingston again presided.

SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report.

The Committee on General Policy, a standing Committee of the Board of Trustees, with the President of the Board added for this purpose, has acted as a special committee on matters relating to the development of the Chicago Undergraduate Division.

The University of Illinois Chicago Undergraduate Division was established
by the Board of Trustees in 1946 after consultation with the Governor of Illinois, the Chairman of the Illinois Budgetary Commission, and other leaders in the General Assembly of Illinois\(^1\) to provide additional higher educational facilities needed by the University to accommodate the large number of students seeking admission to college and particularly veterans of World War II to whom the state of Illinois and the University had a special obligation. With the cooperation of the Governor, the Mayor of Chicago and other city officials, the University was able to lease and remodel quarters at Navy Pier for the new division and to accept students at the beginning of the academic year 1946-47. The educational program started with, and still consists of, the first two years of college work in liberal arts and sciences, commerce, engineering (including architecture and art), and physical education.

The original concept of the Chicago Undergraduate Division was an emergency facility in its present temporary quarters but capable of development in a permanent location both in physical facilities and in educational programs as the needs of the state and the obligations of the University to meet these needs might require. There is no longer any question of the need. It is apparent that the Chicago Undergraduate Division is a permanent part of the University's organic educational structure, and it has been so recognized by the General Assembly of Illinois. There remain, however, the questions—and problems—of its physical facilities and the expansion of its educational programs. Navy Pier was and is a temporary home; it has never been considered a permanent one. The reasons are well known but bear repeating for the record: Navy Pier is not a suitable place (and is becoming less so) for educational work at the college level; the amount of space available there is not adequate for the necessary expansion to meet the inevitable increase in enrollment; and the city of Chicago needs, for other purposes, the space the University now occupies.

This report of your Committee deals only with the matter of relocation. The development and expansion of educational programs are still under study by the University faculties and the administration, and a future report will be made relative thereto.

The Board of Trustees has employed the Real Estate Research Corporation of Chicago as consultant on studies of site selection for the permanent relocation of the Chicago Undergraduate Division. This Corporation's first assignment was to develop criteria for evaluation of sites to meet the University's needs. The criteria it developed are hereafter set forth in detail.

At this point it should be noted, as the Committee on General Policy and the Board of Trustees has previously stated publicly, that the prime objective in University planning for the Chicago Undergraduate Division is to have the buildings and other facilities needed to carry on the present educational programs on a permanent site ready for use in 1963. This timetable is based on known data on the number of students who will be seeking admission to the University during the next four years. The present facilities at Navy Pier simply can not accommodate the potential enrollment.

Subsequently Real Estate Research Corporation catalogued all potential sites, obtained substantially all pertinent information concerning them and submitted a comprehensive report, "Analysis of Sites for the Campus of the Chicago Undergraduate Division." Eighty-three sites were considered and investigated. In its studies Real Estate Research Corporation has had the architectural and engineering assistance of the architectural and engineering firms of Skidmore, Owings, and Merrill, Naess and Murphy, and Sargent and Lundy, all of Chicago. Its report, dated October 20, 1958, was presented to the Board of Trustees on October 23, 1958, and was made public. Copies of it were supplied to all public officials concerned and to other interested parties. Following is an extract from the Real Estate Research Corporation's report which is pertinent to this report of the Committee on General Policy:

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\(^1\) The General Assembly of Illinois was not in session in 1946 but the supplementary appropriations for the biennium of 1945-47 needed by the University to provide for the establishment and operation of its Chicago Undergraduate Division (and also one in Galesburg which was in operation from 1946-49) were promptly made as emergency legislation when the General Assembly convened in January, 1947.
"As the result of a series of population, transportation, economic and location studies and program studies, the following criteria briefly stated have been used to measure the potential of various sites:

1. Accessibility:
   (This criterion was determined after comparative studies of places of residence of students enrolled at Urbana-Champaign and at Navy Pier as well as students enrolled in other colleges in the Chicago area. These studies were supplemented with data on transportation habits and preferences of students at Navy Pier obtained directly from them.)

   a. A site must be accessible by public transportation, with a maximum travel time of one hour and a maximum fare (at present fare levels) of 57 ½ cents for a one-way trip, from the homes of at least 50 per cent of the potential students residing in Cook and Du Page Counties.

   b. A site must be accessible from the homes of at least 85 per cent of the potential students, residing in Cook and Du Page Counties, either by public transportation as stated above, or by private automobile with a maximum driving time of forty-five minutes.

2. Availability:

   The site must be available on a schedule which permits beginning of construction by July, 1960, and the complete operation of the first stage (6,000 students) by the fall of 1963; and the balance of the site must be available by 1965 for construction of those buildings needed for the final stage.

3. Expansibility:

   Sites with areas above minimum requirements, or with feasible possibilities of expansion, are to be preferred over sites lacking these qualities.

4. Cost:

   Sites with low costs are to be preferred to sites with high costs. Such costs include:
   a. Acquisition cost of the land.
   b. Development cost of the site.
   c. The possibility of building low-rise structures as opposed to higher cost, high-rise buildings.

5. Environment:

   Sites adjacent to environmental factors which would assist the educational mission of the campus are to be preferred over sites with neutral or unfavorable environmental surroundings. Environmental factors to be evaluated for specific sites include:
   a. General environment, particularly as to land use, physical condition, identification, prestige, and safety.
   b. Adjacency to cultural or other facilities which could be used by the University.
   c. Proximity to areas of superior opportunities for desirable faculty housing, and of potential employment for students."

The application of these criteria to all sites studied resulted in the Real Estate Research Corporation's finding in its report of October 20 that there are four outstanding locations which meet the requirements of accessibility to the student population to be served (here again we quote from the Corporation's report):

"a. The first, Northerly Island, is located on the lake front. It was built in the 1920's as Island No. 1 in a proposed series of five islands, and subsequently renamed Northerly Island. Except for a brief period during the Century of Progress Exposition, it had no substantial use until the end of World War II, at which time it was offered to the United Nations as a site for their headquarters. The United Nations subsequently chose the East River location in New York. In 1949 a portion of Northerly Island was improved with a landing strip, and this section of the island has been operated as Meigs Field ever since."
b. The Rail Terminal site is located in the general area between State Street and the Chicago River and from Congress Street to Fourteenth Street. It is now occupied by the Grand Central Station, LaSalle Street Station, and the Dearborn Street Station, and used by fourteen railroads.

c. Garfield Park is a large park located between the Congress Street Expressway and Fulton Street, between Hamlin and Homan Boulevards. The portion which would be used for the University's first stage is that lying south of Madison Street. All of the important buildings in the park are located in the park areas north of Madison Street and are not involved in this site.

d. Riverside Golf Club is a privately-owned golf club located, roughly speaking, between Desplaines Avenue and First Avenue and between Twenty-second and Twenty-sixth Street in North Riverside."

Further exploration by the Committee on General Policy and consideration of information it has received make it clear that of these four sites, two are now considered as having first priority—Northerly Island and the Riverside Golf Club. Both are endorsed by the University administration as acceptable and desirable. (In a separate statement the factors which limit the consideration of the Rail Terminal site and Garfield Park are outlined.) The Committee on General Policy has reviewed the comparative merits of Riverside Golf Club and Northerly Island as sites for the Chicago Undergraduate Division. These two locations have been judged as acceptable in terms of accessibility, environment, and expansibility.

In all considerations of this problem, the Board of Trustees has been motivated only by the desire to acquire the best possible site at an advantageous price and within a time limit which would make it possible for the new facilities to be available without closing the doors upon qualified students who wish to attend the University of Illinois. Mindful that to meet this time schedule action must be procured in the current session of the General Assembly, and that estimates of cost for appropriation purposes must be submitted promptly to the budget offices of the state government, the Committee on General Policy believes the best solution of the site question is the Riverside Golf Club.

The Committee is mindful of the desires of many people and public officials to have the Chicago Undergraduate Division within the city limits, but since the only other recommended site now under consideration is Northerly Island, and since the Committee has no assurance that Northerly Island is available, or that it will be made available within a reasonable time schedule, or at a cost equal to or less than that projected for Riverside, the Committee believes the Riverside Golf Club should be designated as the site since it can be acquired through proceedings in eminent domain, if necessary.

Accordingly, the Committee recommends that the Board of Trustees authorize and direct the President of the University, through appropriate staff officers and with such other assistance as may be required, to negotiate with official representatives of Riverside Golf Club for the acquisition of its holdings and with such other owners of property immediately adjacent to the Club grounds as may be desirable for the initial planning development. If negotiations fail, the President is directed to submit a plan for the acquisition of the properties through proceedings in eminent domain. The Committee further recommends that the President of the University be directed to submit to the Governor the estimated sum required to finance the purchase, and to amend the requests of the Board of Trustees for the capital budget of the University as submitted to the State Department of Finance to include this item plus $1,300,000 for architectural plans and initial site development.

Finally, the Committee recommends that this action be reconsidered by the Board, if, within thirty days from this date, the Park District of the City of Chicago should make a firm offer in writing to the President of the University to transfer Northerly Island to the Board of Trustees at a reasonable cost compared to that projected for the Riverside Golf Club for the development of the Chicago Undergraduate Division including assurance of free fill over a reasonable period of time for the lagoons on the west side of Northerly Island. The thirty-day limitation of time is necessary because a request for an appropriation by the General Assembly of Illinois must be made in March, 1959.
Supplement to Report of the Committee on General Policy on Site Selection for Relocation of the Chicago Undergraduate Division

1. Consideration of the Rail Terminal site, consisting of approximately one hundred thirty acres proposed and allocated by the Central Area Committee for use by the University of Illinois, has been limited because:
   a. It is now clear that this land cannot be made available to meet the University's time schedule for the relocation of the Chicago Undergraduate Division.
   b. The valuation for reuse would be greatly in excess of the cost of one of the other acceptable sites.
   c. Undesirable environmental conditions exist east of the site, and there is no assurance of improvement of these conditions within the predictable future.
   d. Expansion beyond the known acreage would probably be difficult and relatively expensive.

2. Likewise consideration of the Garfield Park site of approximately one-hundred forty-six acres, including fifty-four acres of park land, has been limited because:
   a. No assurance has been given to the University that the park land will be made available to it.
   b. Unless new federal legislation is enacted and funds are appropriated for an urban renewal project in this area, the total land cost to the University could be as much as $20,000,000 which is greatly in excess of the estimated cost of at least one of the other acceptable sites.
   c. The adjacent area to the east is less desirable as to environment than the areas adjacent to the Riverside Golf Club and Northerly Island.
   d. It will be more difficult, and therefore more expensive, to provide delivery of fuel and other supplies to the Garfield Park site than to Northerly Island or Riverside Golf Club which can be served by rail or barge.

At the conclusion of this presentation, Mrs. Watkins moved the adoption of this report and approval of the recommendations.

There followed a general discussion of the report in which all of the Trustees participated. President Livingston invited the three Trustees-elect, who were guests of the Board and observers at this meeting, to join in this discussion and all three of them did so.

Mr. Harewood offered the comment that the Chicago Undergraduate Division should be in an area where it will be readily accessible to the greatest number of students and that the Riverside site is the least desirable from this standpoint. He suggested the Board defer action.

Mr. Clement suggested that the offer to accept Northerly Island be made more flexible as to the cost.

Mr. Pogue stated that he believes the present Board, having dealt with the site problem and having studied it for many months, is better qualified to make the decision than any other group. He added that Northerly Island would be his personal preference but the recommendation of the Committee leaves the door open to consideration of that site.

Messrs. John Harrington, G. A. Lund, E. P. Schoenthaler, and H. C. Woodward, residents of the Village of Riverside, and Mr. Jerry Slezak, Clerk of the Village of North Riverside, were present at the meeting and President Livingston asked if they wished to be heard. Mr. Harrington, speaking for the group, reviewed briefly the presentation he made on behalf of this group of citizens of Riverside at a meeting they had with the Committee on General Policy on February 18, 1959, at which time they expressed their objections to
the location of the University's Chicago Undergraduate Division in the area of the Village of Riverside and North Riverside. A copy of his statement to the Committee has been filed with the Secretary of the Board.

Mr. Alfred W. Sikes, an alumnius of Illinois and a resident of Chicago who was at the meeting, asked to be heard. He made a brief statement urging the Board to consider Garfield Park because this location is more readily accessible to the students who will be attending the Chicago Undergraduate Division.

At the conclusion of these presentations and discussions, Mr. Bissell moved that the report be amended in the first sentence of the last paragraph of the Committee's recommendations by striking the words "... cost equal to or less than ..." and inserting in lieu thereof the words "... reasonable cost compared to. ..." With the assent of Mrs. Watkins and Mr. Johnston, the other members of the Committee, Mr. Bissell's motion was considered and adopted, and the report as printed above is in this amended form.

The discussions having been concluded, Mr. Herrick asked for the question. Mrs. Watkins renewed her motion that the report of the Committee be adopted, as amended, and that the recommendations be approved. On this question the vote was: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins. Mr. Hughes added, by way of explaining his vote, that he hopes Northerly Island will be made available.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saul Morton Bakrins</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Robert Henry Becksfort</td>
<td>Niles, Michigan</td>
<td>Michigan</td>
</tr>
<tr>
<td>Edward Samuel Elins</td>
<td>Chicago</td>
<td>Montana</td>
</tr>
<tr>
<td>Edmund Joseph FitzGerald</td>
<td>Oak Park</td>
<td>Massachusetts</td>
</tr>
<tr>
<td>Jack Lesley McBride</td>
<td>Chicago</td>
<td>Nebraska</td>
</tr>
<tr>
<td>Lawrence Phillips</td>
<td>Bensenville</td>
<td>New York</td>
</tr>
<tr>
<td>Lawrence Spitzer</td>
<td>Chicago</td>
<td>New York</td>
</tr>
</tbody>
</table>

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1958, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orville Rex Abolt, Jr. (Champaign)</td>
<td></td>
</tr>
<tr>
<td>Lee Norman Abrams (Chicago)</td>
<td></td>
</tr>
<tr>
<td>Joseph Charles Addison (Park Forest)</td>
<td></td>
</tr>
<tr>
<td>Alfred Amado (Chicago)</td>
<td></td>
</tr>
<tr>
<td>Charles Melvin Anderson (Melrose Park)</td>
<td></td>
</tr>
<tr>
<td>Harvey Jerome Angell (Skokie)</td>
<td></td>
</tr>
</tbody>
</table>
CLARENCE GEORGE AVERY (Champaign)
HERMAN BARRINGTON (Chicago)
PETER HENRY BERGMAN (Chicago)
EDWARD BERKOWSKY (Chicago)
WILLIAM RICHARD BEUTTLER (Chicago)
RICHARD PHILMORE BEZARK (Chicago)
GEORGE ALFRED BIGGS (Downers Grove)
IRA ALEXANDER BIRD (Wheeling)
MARTIN BOSKER (Chicago)
ARTHUR THOMAS BRADLEY, JR. (Chicago)
DONALD GEORGE BRADY (Decatur)
HARRY ALFRED BRANDT (Evanston)
JEROLD S. BRAUDE (Chicago)
BOYD NOEL BRISCOE (Chicago)
GERALD ALLEN BROWN (Springfield)
MELVIN EUGENE BROWN (Mt. Vernon)
JOSEPH WILLIAM BURDETTE (Peoria)
JAMES LEONARD BYER (Oak Lawn)
DONALD EDWARD CALDART (Evanston)
CHARLES HENRY CALDWELL (Chicago)
ERIC NEIL CHANDLER (Springfield)
JAMES CALVIN COHRS (Batavia)
CHARLES PATRICK CONDON (Glen Ellyn)
BRIAN DENIS CONNY (River Forest)
VINCENT ARTHUR COOLING (Decatur)
FREDERICK CONWAY (River Forest)
JANETH MARY CONYER (Chicago)
VINCENT ARTHUR COOLING (Decatur)
PETER COWLES (Evanston)
JOHN ANCELO DASSIOS (Chicago)
MELVIN DAVIS (Chicago)
ROBERT LOUIS DEPAUW (Wheaton)
JOE HAMM DICKERSON, JR. (Hinsdale)
HARRY GARRISON DOYLE, JR. (Chicago)
ALLAN RICHARD DREBIN (Chicago)
LAWRENCE MICHAEL DUBIN (Chicago)
DONALD FRANK DVORAK (Chicago)
DAVID CARLTON EICHLER (Chicago)
JEROME JACOB ESSER (Chicago)
JEROME JAY EX (Chicago)
JAMES RICHARD FALKEN (Chicago)
CHARLES ROBERT FAUST (Lawrenceville)
ERNST EUGENE FIELD (Chicago)
NATHAN U. FIRESTONE (Highland Park)
RALPH FISHMAN (Peoria)
RICHARD JAMES FLYNN (Chicago)
RICHARD MONTE GARANDO (Chicago)
JOSEPH CHRISTOPHER GIANTITI (Kankakee)
LAWRENCE ARNOLD GOLDMAN (Chicago)
HENRY MEELAN GRANNAN (Chicago)
HAROLD GREENE (Park Forest)
ROBERT DEAN GRIFFITH (Elk Grove Village)
WILLIAM MAUST GRISSWOLD (Sterling)
ALFRED ERNEST HACKBARTH, JR. (Wilmette)
EFRAIM HADASSY (Chicago)
DALE WENDELL HAINES (Roselle)
GERALD KEITH HANSON (West Chicago)
MELVIN MEYER HILL (Oak Park)
EARL WILLIAM HOGAN (Chicago)
JAMES VINCENT HOEY (Chicago)
HOWARD LEE ISLAM (Chicago)
EUGENE BERNARD JACOBSON (Chicago)
FRANCIS JOSEPH JARA (Chicago)
SIDNEY FRED JARROW (Chicago)
ARTHUR TENNANT JONES (Westchester)
ROGER SCOTT JOSLIN (Rantoul)
MORRIS ABRAHAM KAPLAN (Chicago)
LAWRENCE ALVIN KAUFMAN (Chicago)
EARL JOSHD KEATING (Lake Villa)
ROBERT LOREN KEITH (Chicago)
DONALD FORMAN KELLMAN (Skokie)
EDWARD HENRY KERKER (Rockford)
IRWIN ALFRED KOSOFSKY (Chicago)
FRANK FIERCE KROMER, JR. (Riverdale)
PETER JOSEPH LAFRANCIO (Chicago)
RICHARD UNN LANSDELL (Deburr)
DAVID SAUL LEVIN (Chicago)
GERALD EARL LIBERMAN (Chicago)
BURTON ERNEST LINDGREN (Rockford)
GERALD FRANCIS LOGSDON (Chicago)
RICHARD THEODORE LORENZ, JR. (Deerfield)
SHIRLEY DEAN LYNBERGER (Peoria)
CHRIST GUST MARINAKIS (Chicago)
ERNST L. MARX (Chicago)
MELVIN JAY MAYSTER (Chicago)
PHILLIP RAY McDERMOTT (Chicago)
EDWARD JAY McGOWEN (Chicago)
TERRANCE JOHN MCDONALD (Rockford)
JAMES ARTHUR McMULLEN (Chicago)
RALPH HARVEY MCLAUGHLIN (Quincy)
PAUL LEON MIGDAL (Chicago)
JOEL LAWRENCE MILLER (Chicago)
JOHN DANIEL MILLS, JR. (Skokie)
FRANCIS JAMES MUSZYNSKI, JR. (Chicago)
SAMUEL MITTJUS NAKAGAWA (Chicago)
ROBERT LANE NOBLE (Peoria)
CHARLES RICHARD OEHLER (Rockford)
THOMAS MICHAEL OLLEARY (Chicago)
NORMAN JOSEPH OSHERMAN (Chicago)
EDWARD GEORGE PANKSHIN (Chicago)
WILLIAM EDWARD PARKER (Downers Grove)
ROBERT JOHN PENN (Chicago)
FRANK STEPHEN POLLACK (Chicago)
DONALD GLEN PYLES (Homewood)
HELEN MARIE RAPKIN (Chicago)
RAMANAUSKAS (Chicago)
MELVIN EUGENE RATH (Springfield)
WILLIAM ANDREW REEG (Northbrook)
HAROLD RAY RIECHES (Watseka)
HAROLD CHARLES RILEY (Chicago)
GERSON RUBINSTEIN (Chicago)
GEORGE HEINZ RUDiger (Chicago)
DONALD WHITE RUTHER (Chicago)
On motion of Mr. Bissell, these certificates were awarded.

**APPOINTMENT OF ACTING DIRECTOR OF DIVISION OF SERVICES FOR CRIPPLED CHILDREN**

(2) On recommendation of the Vice-President in charge of the Chicago Professional Colleges, I have approved the appointment of Dr. Edward F. Lis, Associate Professor of Pediatrics in the College of Medicine and in the Division of Services for Crippled Children, and Director of the Center for Handicapped Children in the Research and Educational Hospitals, as Acting Director of the Division of Services for Crippled Children effective February 1, 1959, and continuing until the effective date of appointment of a Director. He will continue in his present positions as Associate Professor of Pediatrics on indefinite tenure and as Director of the Center for Handicapped Children in the Research and Educational Hospitals. For services as Acting Director, I have approved an additional salary of $165 a month.

This appointment is to fill the vacancy created by the untimely death on January 10 of Dr. Herbert R. Kobes, who had been a member of the faculty and Director of the Division since 1945. A recommendation for a permanent appointment will be made in due time.

Confirmation of this action is requested.

On motion of Mr. Johnston, this appointment was confirmed.

**APPOINTMENTS TO THE FACULTY**

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. **BENNETT M. BERGER**, Research Assistant Professor of Communications and Assistant Professor of Sociology, beginning September 1, 1959, at an annual salary of $6,850 (B).
2. **ROGER W. BURNESS**, Associate Professor of Electrical Engineering, beginning March 1, 1959, at an annual salary of $10,000 (D).
3. **JOHN E. CROW**, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of $7,200 (DY).
4. **DORIS E. DAMRIN**, Research Assistant Professor of Education, in the Bureau of Educational Research, beginning February 1, 1959, at an annual salary of $8,900 (DY).
5. **WILLIAM L. FERRARA**, Assistant Professor of Accountancy, beginning September 1, 1959, at an annual salary of $7,000 (B).
6. **WILLIAM F. GEITTMANN**, Clinical Assistant Professor of Obstetrics and Gynecology, beginning January 1, 1959, without salary (DY).
7. Arthur J. Meadows, Assistant Professor of Astronomy, beginning September 1, 1959, at an annual salary of $6,000 (B).
8. Donald A. Smalley, Professor of English, beginning September 1, 1959, at an annual salary of $13,200 (A).
9. Mrs. Anita Smith, Administrative Assistant to the State Leader of Home Advisers, with rank of Assistant Professor, beginning March 16, 1959, at an annual salary of $7,000 (DY).
10. Jack Swing, Assistant Professor of Architecture, beginning March 1, 1959, at an annual salary of $8,500 (D).
11. Lucy C. Zaccaria, Research Counselor in the Student Counseling Service and Assistant Professor of Psychology, Chicago Undergraduate Division, beginning February 1, 1959, at an annual salary of $7,400 (DY).

Nonacademic Appointment
The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility.

1. Mary Lou Van Dyke, Dietitian in the Dietary Department, Chicago Professional Colleges, at an annual salary of $4,920, effective December 1, 1958.

On motion of Mr. Hughes, these appointments were confirmed.

APPOINTMENT OF COORDINATOR OF INSTRUCTIONAL TELEVISION
(4) A special Committee appointed to direct planning in instructional television at the University and the Vice-President and Provost recommend the appointment of Charles J. McIntyre, presently Chief of the Instructional Procedures and Evaluation Branch of the Education Division in the Office of Armed Forces of the Department of Defense, as Coordinator of Instructional Television with the rank of Associate Professor beginning July 1, 1959, at an annual salary of $14,500 (AY). He will be assigned to the office of the Vice-President and Provost.

I concur.

On motion of Mr. Hughes, this appointment was approved.

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE AND ITS EXECUTIVE COMMITTEE
(5) Appointments to the University of Illinois Citizens Committee are made by the Board of Trustees upon the recommendation of the President of the University. I submit the following:

1. Nominations for new appointments for a period of three years from January 1, 1959.
2. Nominations for reappointments for a period of three years from January 1, 1959, of a number of members whose terms have expired.
3. Nominations for appointments to the Executive Committee of the Citizens Committee for one year from January 1, 1959.

General Committee

New Appointments

Ragnar Benson
Ragnar Benson, Inc. (Contracting and Engineering Firm)
4744 Rice Street
Chicago 51, Illinois

John H. Brinker, Jr.
Vice-President, A. O. Smith Corporation
P. O. Box 28
Kankakee, Illinois

W. R. Brooks
Publisher, The Democrat-Message
Mt. Sterling, Illinois

C. J. Covington
President, Dowzer Electric Machinery Works, Inc.
Mt. Vernon, Illinois

Gordon Franklin
Attorney
Marion, Illinois

David L. Harrington
Chairman, The Reuben H. Donnelley Corporation
Chicago 1, Illinois
GEORGE L. IRVINE  
Regional Vice-President, General Electric Company  
840 South Canal Street  
Chicago 80, Illinois

O. E. JONES  
Retired Corporation Executive (Swift and Company)  
Chicago 4t, Illinois

PAUL F. KENT  
President, General Paving Company  
Champaign, Illinois

JUDGE OTTO KERNER  
Room 611, County Building  
Chicago, Illinois

FRANKLIN J. LUNDING  
Chairman of the Board, Jewel Tea Company, Inc.  
135 South LaSalle Street  
Chicago 3, Illinois

JUDGE ABRAHAM L. MAROVITZ  
Chief Justice, Criminal Court of Cook County  
Chicago 13, Illinois

DONOVAN D. McCARTY  
Attorney  
Olney, Illinois

GUY E. McGAUGHEY  
Attorney  
Lawrenceville, Illinois

CHARLES MORROW  
Editor, Galesburg Register-Mail  
Galesburg, Illinois

ERWIN W. ROEMER  
Attorney  
Chicago 3, Illinois

ROBERT SARGENT SHRIVER, JR.  
Assistant General Manager  
315 The Merchandise Mart  
Chicago 54, Illinois

KENNETH SMITH  
Publisher, Tilton Publications, Inc.  
Rochelle, Illinois

RICHARD D. STURTEVANT  
Vice-President, Jewel Tea Company, Inc.  
Melrose Park, Illinois

JOHN W. TAYLOR  
Executive Director, Chicago Educational Television Association  
Chicago 37, Illinois

MRS. BERNICE T. VAN DER VRIES  
Civic Leader; former Member of General Assembly of Illinois  
Winnetka, Illinois

H. MURRAY CAMPBELL  
Vice-President and Executive Representative, Baltimore and Ohio Railroad Company  
Harrison at Wells Street  
Chicago 7, Illinois

CHARLES R. COOK  
Vice-President and General Manager, Radio Station WJPF  
P. O. Box 179  
Herrin, Illinois

G. R. CORLIS  
President, Anna National Bank  
Anna, Illinois

FRANK L. EVERSULL  
Pastor “Emeritus,” First Presbyterian Church  
Belleville, Illinois

RICHARD M. FINFGELD  
Publisher, Henry News-Republican  
Henry, Illinois

Reappointments

MARVIN L. BERGE  
Superintendent of Community Unit School, District 428  
DeKalb, Illinois

TOWNSEND BLANCHARD  
United Electric Coal Company  
Tamaroa, Illinois

MRS. FLORENCE F. BOHRER  
Former State Senator  
812 North Prairie Street  
Bloomington, Illinois

HUGH S. BONAR  
Superintendent, Joliet Township High School and Junior College  
Joliet, Illinois

BERTRAM J. CAHN  
Chairman of the Board and President, B. Kuppenheimer Company, Inc.  
3040 West Lake Street  
Chicago 12, Illinois

G. MURRAY CAMPBELL  
Vice-President and Executive Representative, Baltimore and Ohio Railroad Company  
Harrison at Wells Street  
Chicago 7, Illinois

CHARLES R. COOK  
Vice-President and General Manager, Radio Station WJPF  
P. O. Box 179  
Herrin, Illinois

G. R. CORLIS  
President, Anna National Bank  
Anna, Illinois

FRANK L. EVERSULL  
Pastor “Emeritus,” First Presbyterian Church  
Belleville, Illinois

RICHARD M. FINFGELD  
Publisher, Henry News-Republican  
Henry, Illinois
James B. Forgan
Banker
38 South Dearborn Street
Chicago 3, Illinois

Joseph R. Fulkerson
Retired Farmer
Jerseyville, Illinois

Mrs. Lucile Goodrich
County Superintendent of Schools
Pontiac, Illinois

Preston F. Grandon
Publisher-President, Daily Gazette
Sterling, Illinois

W. C. Hambleton
Business Representative, International
Association of Machinists
129 West Third Street
Roxana, Illinois

Kenneth S. Hammer
Superintendent of Schools
Morris, Illinois

Byron Harvey, Jr.
Business Executive
80 East Jackson Boulevard
Chicago 4, Illinois

Stephen Y. Hord
Investment Banker
135 South LaSalle Street
Chicago 3, Illinois

Clifford H. James
President, Twin City Federation of
Labor, A.F.L.-C.I.O.
708 South Grove Street
Urbana, Illinois

Leroy J. Knapp
Superintendent, Proviso Township
High School
Maywood, Illinois

Daniel M. MacMaster
Director, Museum of Science and
Industry
Jackson Park
Chicago 37, Illinois

Chester J. McCord
Livestock and Grain Farm
Rural Route 5
Newton, Illinois

Fred B. Meers
Farmer
1204 South Prospect Avenue
Champaign, Illinois

Lloyd S. Michael
Superintendent, Evanston Township
High School
Evanston, Illinois

Joe E. Mitchell
Mortician
410 South Main Street
Benton, Illinois

H. L. Richards
Superintendent, Community High
School, District 218
Blue Island, Illinois

George B. Shaw
Editor, Dixon Evening Telegraph
Dixon, Illinois

Gerald W. Smith
Superintendent of Schools
8201 West Fullerton Avenue
Elmwood Park 35, Illinois

Gerard M. Ungaro
Attorney
77 West Washington Street
Chicago 2, Illinois

D. Carroll Walters
Farmer
Rural Route 1
Monmouth, Illinois

Herbert S. Wilhelm
Executive Secretary, Central Labor
Council
418 Collinsville Avenue
East St. Louis, Illinois

Executive Committee

Hugh S. Bonar
Superintendent, Joliet Township High
School and Junior College
Joliet, Illinois

G. Murray Campbell
Vice-President and Executive
Representative, Baltimore and Ohio
Railroad Company
Harrison at Wells Street
Chicago 7, Illinois

Henry Driemeier
Partner, Pope and Driemeier, Attorneys
322 First National Bank Building
East St. Louis, Illinois

Volney B. Fowler
Director of Public Relations, Electro-
Motive Division of General Motors
Corporation
La Grange, Illinois

Judge W. Joe Hill
Attorney
500 Wood Building
Benton, Illinois

Ronald M. Kimball
Vice-President, Continental Illinois
National Bank and Trust Company
231 South LaSalle Street
Chicago 90, Illinois
Resolutions of the Executive Committee of the University of Illinois Citizens Committee

The Executive Committee of the University of Illinois Citizens Committee has adopted the following resolutions:

In view of the defeat of the State Building Bond Issue referendum, the Executive Committee of the University of Illinois Citizens Committee strongly urges that other appropriate measures for financing the great needs of the University of Illinois be initiated at as early a date as possible.

The Executive Committee of the University of Illinois Citizens Committee wishes to stress the importance of adequate faculty compensation as the key to quality in higher education and urges the Governor and the General Assembly of the State of Illinois to keep this point uppermost in deliberations and considerations relative to the University of Illinois, to the benefit of the University and to the State.

On motion of Mr. Johnston, these appointments were approved.

On motion of Mr. Herrick, the Secretary was requested to send a note of thanks to the Executive Committee for these resolutions.

CENTER FOR ADVANCED STUDY

(6) The University Research Board and the Executive Committee of the Graduate College recommend the establishment of a Center for Advanced Study as a special unit of the Graduate College under Section 18 of the University of Illinois Statutes and according to the plan described below.

This has been reviewed by the University Council which supports the recommendation. While University Senate approval is not required under University Statutes, the proposal was nevertheless submitted to the Urbana-Champaign Senate which has recommended approval. It has also been cleared with the Senate Coordinating Council.

I recommend approval.

On motion of Mr. Herrick, this recommendation was approved.

The primary purpose of the Center for Advanced Study shall be the encouragement of creative achievement and scholarship by providing recognition to scholars of the highest distinction and by providing incentives for the highest level of scholarly achievement.

In its original organization the Center for Advanced Study shall be composed of members and associate members. The members shall constitute the Executive Committee of the Center, and the Dean of the Graduate College shall be its executive officer and a member ex officio. The Executive Committee shall be free to propose other types of affiliation with the Center, in addition to the associate members, at such times as it may desire.

Members. Members of the Center for Advanced Study shall be appointed by the Board of Trustees on the recommendation of the President. Members ordinarily will be appointed for renewable five-year terms.
Membership in the Center shall be open to the most distinguished, most productive, and most widely recognized scholars at the University of Illinois. The members shall receive annual salaries comparable to the best professorial salaries in American universities. Nominations for membership may be made to the Dean of the Graduate College by any faculty member. Selection of candidates shall be made by the Dean in consultation with an advisory selection committee. It is recommended that the first three members be chosen from the current staff of the University; thereafter other scholars, whether then associated with the University or not may be nominated for membership and, if necessary, appointment to the University.

Members chosen from the University faculty shall continue to be listed in the budgets of their departments. Additional funds required to bring their salaries to the level chosen shall be carried in the budget of the Center as a unit of the Graduate College.

A member shall retain his status in his own department. By negotiation with the head or chairman of his department and the Dean of the Graduate College, and with the concurrence of the appropriate undergraduate dean, he may reduce the amount of his classroom teaching, committee work, advising, and the like, in order to devote a larger portion of his time to research. If the relinquishing of such duties by a member requires that the department obtain additional funds for the continuance of its teaching activities, such funds may be provided by the budget of the Center.

**Associate Members.** Associate members shall be appointed for one-year or two-year terms by the Board of Trustees on recommendation of the President. Application for associate membership may be made by any member of the faculty to the Dean of the Graduate College, who, after consultation with the Executive Committee, shall make his recommendations to the President. By negotiation with the head or chairman of his department and the Dean of the Graduate College, and with the concurrence of the appropriate undergraduate dean, an associate member may be freed of all teaching duties except, if he remains on the campus, the direction of graduate theses, in order that he may devote himself more fully to research. An applicant for associate membership may request extension of his appointment through the summer following an academic year in the Center at the standard rate of two-ninths of the annual salary. Funds necessary for the employment of a replacement for an associate member, as well as any summer compensation for the associate member, shall be provided in the budget of the Center. The amount of annual compensation received by a faculty member shall not necessarily be changed by his becoming an associate member.

Scholars from other locations may be appointed as associate members. Such appointments may be used to bring visitors to assist in established research programs, to bring creative artists to the campus, to bring distinguished scholars to departments in advance of vacancies arising from faculty retirements, and for such other purposes as the Executive Committee may approve. Nominations of off-campus candidates shall be routed by department heads and chairmen to the Dean of the Graduate College. Salaries paid to such appointees shall be carried in the budget of the Center.

Associate members may request reappointment, but no individual may be granted associate membership for more than three consecutive years.

The members and associate members will meet together at regular intervals to be determined by the Executive Committee. Special meetings may be called at the discretion of the Executive Committee.

The budget of the Center will be part of the Graduate College budget. It is hoped that the Center will attract financial support from agencies outside the University to provide endowed chairs and other support for members and associate members.

**GRADUATE SCHOOL OF BUSINESS ADMINISTRATION**

(7) The faculty of the College of Commerce and Business Administration, the Executive Committee of the Graduate College, and the Urbana Senate recommend establishment of a Graduate School of Business Administration within the Graduate College to provide professional training designed for students with baccalaureate degrees in fields other than commerce as well as for students with
a background in commerce and business administration. The purpose of the School will be to provide a breadth of training rather than specialization with emphasis on preparation for administrative and executive positions.

The School will exist as an educational division of the Graduate College and will have the same relationship to it as other graduate departments. In accordance with the usual procedures all courses, curricula, and recommendations to the teaching faculty will be submitted to the Graduate College for approval. The administrative responsibilities of the School will be assigned to a Director. Budget requests for operation will be presented through the usual University channels.

The School will offer the proposed new programs described below. It is also recommended that the professional program leading to the degree of Master of Accounting Science, established in 1958, be transferred to the Graduate School of Business Administration.

This recommendation has also been cleared with the Senate Coordinating Council, and I concur.

On motion of Mr. Johnston, this recommendation was approved.

Graduate School of Business Administration

Academic Requirements

All students must meet the academic standards of the Graduate College with respect to admission requirements and progress toward the degree.

Degree Requirements

1. Master of Business Administration. This is a two-year program for students who hold a bachelor's degree in any field. A candidate for this degree must complete four semesters or the equivalent in residence and must earn at least sixteen units of graduate credit selected from the proposed new courses listed below, from graduate courses previously approved, and from additional courses which may be submitted at a later date. Each student must take at least one course in each of the following areas of business study: accounting, economics, finance, management, marketing, and statistics. Certain courses will be required, but both the required and elective courses will be arranged to fit the student's particular needs, based on his previous preparations and his interests. The program does not permit specialized education in one or more areas of business.

2. Master of Commerce. This is a one-year program restricted to students who hold a bachelor's degree from a recognized school of business. A candidate for this degree must complete two semesters of residence or the equivalent, and must earn at least eight units of credit selected from the courses listed for the Master of Business Administration and under the same conditions.

3. Doctor of Business Administration. This program will require two additional years of residence beyond the Master of Business Administration or the Master of Commerce. These two years will consist of one additional year of course work (eight units), a comprehensive preliminary examination, a year devoted to the study and preparation of a thesis (eight units), and a final examination. Since this is a professional degree, there is no foreign language requirement.

New Professional Courses in Business Administration

The following new professional courses in business administration will be established as a part of this program: Business Administration 501, Business Economics; 502, Managerial Economics; 511, Analysis of American Industries; 521, Problems of Marketing; 522, Market and Sales Analysis; 530, American Business Traditions; 531, Legal Problems of Business Management; 541, Managerial Accounting and Control; 542, Industrial Cost Accounting; 543, Financial and Interpretive Accounting; 544, Controllership; 554, Financial Analysis; 555, Financial Policy; 571, Statistical Controls for Management; 581, Business Communications; 599, Thesis Research.

DIRECTOR OF GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

(8) I recommend that Dean Paul M. Green of the College of Commerce and Business Administration be appointed Director of the Graduate School of Busi-
ness Administration, effective immediately and continuing through August 31, 1959. Thereafter, reappointments to this position will be on a biennial basis consistent with the statutory provisions relating to the tenure of directors. The appointment as Director is in addition to his appointment as Dean of the College and Professor of Business Administration.

On motion of Mr. Swain, this appointment was approved.

DEPARTMENTS IN COLLEGE OF JOURNALISM AND COMMUNICATIONS

(9) The faculty of the College of Journalism and Communications recommends that, effective September 1, 1959, the three instructional divisions of the College be designated as the Department of Advertising, the Department of Journalism, and the Department of Radio and Television; that the administrative officer in charge of each be designated as head of the department; and that the courses offered by the College be designated accordingly.

These changes do not alter existing instructional programs or curricular or degree requirements and are intended primarily to bring the organization of the College into harmony with University Statutes and general practice. The Urbana Senate Committee on Educational Policy has advised that these changes are of an administrative nature and do not require action by the Committee or by the Senate. Nevertheless, they will be reported to the Senate as a matter of record.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

APPROPRIATION FOR ACQUISITION OF LAND IN NORTHERN ILLINOIS

(10) The Committee on Nonrecurring Appropriations recommends an assignment of $4,000 from the General Reserve Fund as the University's share of the cost of acquisition of the Volo and Wauconda Bogs in Northern Illinois for teaching and research in the biological sciences. The University of Illinois Foundation has approved an allocation of $4,000 for this purpose and $25,000 has been raised privately by Illinois Nature Conservancy. Title to the property will be in the University, with the provision that it will revert to the former owners or their heirs or assigns in the event the University ceases to use the property for the purpose for which it was acquired or fails to maintain it in its present natural state.

I recommend approval.

On motion of Mrs. Holt, the acquisition of this land was authorized, and the recommended appropriation was made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

APPROPRIATION FOR GRADUATE FELLOWSHIPS FOR 1959-60

(11) It is necessary that funds for graduate fellowships for 1959-60 be committed at this time so that fellowship awards can be made and announced by April 1, 1959. Accordingly, on request of the Dean of the Graduate College and with the concurrence of the Vice-President and Provost and the Vice-President and Comptroller, I recommend that an appropriation of $282,500 be made at this time for such fellowships, $262,500 to be assigned for graduate study at Urbana-Champaign and $20,000 for fellowships at the Chicago Professional Colleges, subject to availability of funds appropriated for 1959-61.

These assignments will constitute a lien on the University's operating budget for 1959-60.

On motion of Mr. Swain, this assignment of funds was authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.
APPROPRIATION FOR ADDITION TO PHYSICS RESEARCH LABORATORY

(12) The Vice-President and Provost and the Vice-President and Comptroller recommend that the Board authorize the construction of a steel building at the rear of the Physics Research Laboratory for housing of hydrogen liquefying equipment and that assignments of funds be made for this purpose of $15,650 from the current operating budget of the Department of Physics and $9,868 from indirect costs recovered from government research contracts and allocated to the Department, a total of $25,518.

Additional space is needed for this equipment for research under a contract with the Office of Naval Research. A separate structure is indicated because of hazards of hydrogen. The University Building Program Committee has approved the site and type of structure. Allocation of funds from the Department of Physics budget is possible because some of the departmental expenses during the current fiscal year have been appropriately chargeable to funds received under government research contracts; the Department also has to its credit funds accumulated in collections of indirect costs charged against government research contracts.

I concur.

On motion of Mr. Swain, the construction of this building was authorized, and the recommended assignments of funds were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

HOUSING REVENUE BONDS OF 1958

(13) The Vice-President and Comptroller recommends the adoption of the following resolution, and I concur:

Resolved, that the Board of Trustees of the University of Illinois hereby ratifies all acts, conditions, and things done at the meetings of the Board of Trustees held on October 23, 1958, November 19, 1958, December 17, 1958, January 20, 1959, and at all other meetings during the period from January 1, 1956, up to the present date, and also ratifies all acts done and performed by the officials of said Board all in connection with the issuance of $3,150,000 Housing Revenue Bonds of 1958, Series A and B of the Board of Trustees of the University of Illinois dated October 1, 1958.

On motion of Mr. Bissell, the foregoing resolution was adopted by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR EQUIPMENT FOR SNACK BAR AND SERVICE BUILDING FOR MEN'S RESIDENCE HALLS

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for $28,156.20 to Servco Equipment Company, St. Louis, Missouri, for food service equipment and its installation in the Snack Bar and Service Building for the Men's Residence Halls.

Funds are available in the proceeds of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A and B." The invitations to bidders included the standard reservation by the University of the right to reject any or all bids, and to accept the bid or bids deemed most favorable to the University. Although the Servco Equipment Company is the second lowest bidder—the difference between its bid and that of the lowest bidder being only $6.20—it is nevertheless recommended because of the quality of its equipment installations elsewhere. Submitted herewith is a supporting statement from the Physical Plant Department, a copy of which is being filed with the Secretary of the Board for record.

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs.
Halt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR REMODELING ELECTRICAL ENGINEERING ANNEX**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for remodeling of the Electrical Engineering Annex to provide for a bioacoustics laboratory. The award in each case is to the lowest bidder.

General — C. H. Langman and Son, Rock Island ............................. $ 52,953
Electrical — Potter Electric Service, Inc., Urbana .............................. 51,677
Mechanical — Schroeder and Sons, Champaign ................................. 111,868

Funds in the amount of $139,173 are available in a federal grant received by the University under the Health Research Facilities Act and in matching funds provided by the University of the same amount, a total of $278,346.

Submitted herewith is a report from the Physical Plant Department giving the complete list of the bidders, a copy of which is hereby filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Hughes these contracts were awarded, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR ENGINEERING SERVICES ON SEWERS AND WATER MAIN PROJECTS**

(16) The building program at Urbana-Champaign projected for 1959-61 includes the following storm and sanitary sewers and water main projects needed to service the proposed new buildings:

<table>
<thead>
<tr>
<th>Project Description</th>
<th>Estimated Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sanitary sewer on Green Street from Mathews Avenue to the west side of Illini Union Building</td>
<td>$ 39,600</td>
</tr>
<tr>
<td>Sanitary sewer — rerouting main campus outlet from south side of Illini Union Building to Mathews Avenue interceptor</td>
<td>40,000</td>
</tr>
<tr>
<td>Sanitary sewers on First Street and Fourth Street from Peabody Drive to Florida Avenue</td>
<td>23,300</td>
</tr>
<tr>
<td>Water main on First Street from Florida Avenue to St. Mary's Road</td>
<td>14,300</td>
</tr>
<tr>
<td>Rerouting twelve-inch water main at Illini Union Building</td>
<td>40,000</td>
</tr>
<tr>
<td>Storm sewer, Florida Avenue lateral from approximately 60 feet east of Fourth Street, west along Florida Avenue, to a distance approximately 1,250 feet west of First Street, and then South from Florida Avenue approximately 4,800 feet to the Embarrass River</td>
<td>500,000</td>
</tr>
</tbody>
</table>

Bids will be received on February 20 on the construction of the Assembly Hall and in August on the Illini Union Building addition. It is necessary therefore that engineering work on the sewer and water main projects be started promptly. The Physical Plant Department can not do this planning work without adding to its staff and this is not feasible in view of the temporary nature of the services.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with Wilson and Anderson, Urbana-Champaign, for engineering services on these projects, including the preparation of complete plans and specifications and detailed estimates of costs, and general supervision of construction but excluding services of a resident engineer, on the basis of the standard schedule of minimum fees adopted by the Illinois Society of Professional Engineers and the Illinois Association of Consulting Engineers. The total estimated cost of engineering services for these projects is approximately $36,490 and the estimated cost for services of a resident engineer for field inspection, if requested, will be $8,000.

Funds in the amount of $25,850 are available in the state appropriations to the University for 1957-59 for buildings and other capital improvements. The contract will provide for its termination if additional funds are not available.
and for payment for services rendered to the date of termination but not to exceed $25,850.

Submitted herewith is a statement from the Physical Plant Department giving the details of this proposal and the terms of the contract and a copy is filed with the Secretary of the Board for record.

This recommendation has previously been considered by the Committee on Buildings and Grounds which is prepared to support it.

I concur.

On motion of Mr. Swain, this contract was authorized, as recommended, by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACTS FOR ENGINEERING SERVICES ON ADDITIONS TO THE ABBOTT POWER PLANT AND FOR EXTENSIONS OF UTILITIES DISTRIBUTION SYSTEM

(17) The 1959-61 building program includes the following additions to the Abbott Power Plant to service existing and proposed new buildings:

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Estimated Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiler No. 6—a 150,000 lb./hour steam generator</td>
<td>$2,050,000</td>
</tr>
<tr>
<td>Turbine No. 7—a 7,500 kw. electric generator</td>
<td>1,995,000</td>
</tr>
</tbody>
</table>

This additional generating capacity is required regardless of how many buildings are included in the 1959-61 program and it will take two years for the fabrication and installation of this equipment. It is therefore necessary that engineering work be undertaken promptly to complete the installations within the biennium.

The building program projected for 1959-61 also includes the following extensions of the steam and electrical distribution systems required to service the proposed new buildings:

<table>
<thead>
<tr>
<th>Service Description</th>
<th>Estimated Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steam tunnel on Oak Street from Peabody Drive extended south to the south side of Florida Avenue and east to the approximate mid-point between First Street and Fourth Street to serve the Assembly Hall and other development proposed in this area.</td>
<td>$925,000</td>
</tr>
<tr>
<td>Steam tunnel from the Natural History Building-Noyes Chemistry Laboratory tunnel west to the existing tunnel north of the Administration Building to serve the Illini Union and other buildings in this area.</td>
<td>300,000</td>
</tr>
<tr>
<td>Steam conduit from the end of the tunnel on Florida Avenue, referred to above, south to the Assembly Hall.</td>
<td>40,000</td>
</tr>
<tr>
<td>Electric conduit, manholes, cable, and switchgear in load center to serve the Assembly Hall.</td>
<td>41,000</td>
</tr>
<tr>
<td>Rerouting main campus feeder conduit and cables between Illini Union addition and Harker Hall, including conduit, manholes and cable to serve the Illini Union Building addition.</td>
<td>50,000</td>
</tr>
<tr>
<td>Load center vault in the vicinity of Sixth Street and Gregory Drive, including conduit, manholes, cable, and switchgear to the Education Building.</td>
<td>180,000</td>
</tr>
<tr>
<td>Engineering service to complete plans and specifications for electric distribution center and load center to be located north of the Stock Pavilion, including conduit, manholes, cable, and switchgear which will eventually serve the women's residence halls, the Education Building, and the Plant Sciences Building.</td>
<td>(588,000)</td>
</tr>
</tbody>
</table>

The cost of engineering services for completion of plans and specifications up to the receipt of bids for this is approximately $30,000.

Bids will be received on February 20, 1959, on the construction of the Assembly Hall and in August on the construction of the addition to the Illini Union Building. It is therefore necessary that engineering work on the above listed projects be started soon in order to maintain construction schedules.
The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of contracts with Sargent and Lundy, Consulting Engineers, Chicago, for engineering services on the additions to the Abbott Power Plant and the extensions of the steam and electrical distribution systems, these services to include preparation of complete plans and specifications and detailed estimates of costs, and general supervision of construction. This firm furnished the engineering services for the construction of the Abbott Power Plant, the first major extension of the steam and electrical distribution systems, and on subsequent additions and extensions. Its charges for the engineering services now recommended will be on the same basis and terms as charges for the previous work done for the University. Submitted herewith are memoranda from the Physical Plant Department giving the complete details of the two proposals and the terms of the contracts, and copies are being filed with the Secretary of the Board for record.

Funds are available in the state appropriations to the University for 1957-59 for buildings and other improvements in the amount of $20,000 for the engineering services on the Abbott Power Plant additions and in the amount of $70,000 for the engineering services on the extension of the steam and electrical distribution systems. The contracts will provide that they may be terminated by the University in the event additional funds are not made available and that Sargent and Lundy will be paid for actual services rendered up to the time of termination but not to exceed $20,000 for the work on the Power Plant addition and $70,000 for the work on the extensions of the steam and electrical distribution systems.

These recommendations have previously been considered by the Committee on Buildings and Grounds which is prepared to support them.

I concur.

On motion of Mr. Johnston, these contracts were authorized by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Hughes, Mr. Johnston, Mr. Livingston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT WITH SPACE UTILIZATION ANALYSIS, INC.**

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University contract with Space Utilization Analysis, Inc. (Space Utilization Analysis for Government, Industry, and Education), New York, to make a survey, study, and analysis of certain physical plant requirements of the Chicago Undergraduate Division in its new location. Payment for services will be on the basis of the standard hourly rates charged by this organization, the total amount not to exceed $7,850; plus reimbursement of the Company for transportation and living expenses of officers and staff engaged in this survey, this item not to exceed $850.

Funds are available in the state appropriations to the University for 1957-59 for buildings and permanent improvements.

The Committee on Buildings and Grounds has considered this proposal and is prepared to support the recommendation.

I concur.

On motion of Mr. Williamson, this contract was authorized.

**STEAM SERVICE FOR INSTITUTIONS IN MEDICAL CENTER DISTRICT**

The steam for University of Illinois buildings in the Medical Center District is produced by the Medical Center Steam Company, a separate corporation authorized by the Medical Center Commission to operate a steam plant in the District to serve the University and other institutions in that area. Under an agreement with the Commission (this was one of the basic considerations in securing its cooperation in the organization of the Medical Center Steam Company and authorization to operate a steam plant in the Medical Center District), the University also furnishes steam produced by the Company to any other government agency, charitable institution, or other institution located in the District upon its application and upon certification by the Commission that the
agency or institution is a qualified applicant for steam service, subject to the availability of an adequate steam supply.

In accordance with this policy, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of agreements with the Chicago Foundlings Home, the Chicago Medical School, and the Pediatrics Hospital for the Mentally Deficient (a State Department of Public Welfare institution) for steam service to be supplied by the Medical Center Steam Company to buildings being constructed or to be constructed by these institutions in the Medical Center District. The contracts will include the following terms and conditions:

1. The University will furnish steam to these agencies on the basis of a maximum demand which is well within the capacity of the present plant and the additions being constructed under previous authorizations of the Board of Trustees.

2. The agencies will pay the University the cost of the portion of the capital facilities needed to produce steam to the extent called for in the contracts. These payments will be immediately paid by the agencies upon signing of the contracts or installments over the life of the contracts, in which case the agencies will also pay all interest and incidental charges incurred by the University in financing the facilities. Any amounts paid by the agencies representing a portion of the capital facilities will be immediately paid by the University to the Medical Center Steam Company as special amortization payments, thus reducing the indebtedness on the steam plant and the interest cost.

3. The agencies will be billed for steam furnished at a rate which shall cover all wages and other expenses of the steam company applicable to the production of steam plus an appropriate overhead charge of such costs to the Chicago Foundlings Home and the Chicago Medical School.

4. The agencies with whom the University is contracting will provide and install in their buildings steam flow and condensate meters of a type and size approved by the University. Title to these meters will be conveyed by the agencies to the Medical Center Steam Company.

5. These agencies will either construct at their own expense or request the Medical Center Steam Company to construct the steam distribution and condensate return systems necessary to carry steam to their buildings. If the agencies request the Medical Center Steam Company to construct or construct their own distribution and return system in accordance with plans and specifications approved by the University, the title to such facilities will be conveyed by the agencies to the Medical Center Steam Company and become a part of the steam plant to be operated and maintained by the steam company. If an agency constructs the necessary steam distribution and condensate return system under conditions not approved by the University, such facilities so constructed will not become a part of the Medical Center Steam Company and the responsibility for the operation and maintenance will be retained by the agency.

6. The University will be released from liability for any loss, damage, or injury caused by leakage, escape, or presence of steam vapor or water on the premises of the agency.

7. The contracts may not be assigned by the agencies without written consent of the University.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute these contracts after approval of the same by the Legal Counsel.

On motion of Mrs. Watkins, this recommendation was approved.

CITY OF URBANA STORM DRAINAGE IMPROVEMENTS

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Comptroller and the Secretary of the Board of Trustees be authorized to notify the city of Urbana that the University will contribute its share of the cost of proposed storm drainage improvements which will also serve University property south of Florida Avenue and north of Springfield.
Avenue, providing a local bond issue is approved, subject to the following conditions:

1. The potential storm drainage areas are specifically defined.
2. Neither the City nor the University will extend their respective drainage areas beyond those so defined.
3. The University's contributions will be determined by an independent engineering appraisal and evaluation of benefits to the City and the University, subject to approval of the same by the University, and such contributions shall be based on the actual cost of the work.
4. The city of Urbana will assume full responsibility and liability for a design to direct the flow of storm water runoff to the appropriate watershed.
5. Plans and specifications will be submitted for review and approval of the University prior to the award of contracts.
6. University contributions for its share of the cost may, at its option, be spread over a period not to exceed ten years with the further understanding that such contributions will be subject to the availability of funds and under the limitations provided by the statutes.

There is submitted herewith a supporting statement prepared by the Physical Plant Department giving further details about these improvements, and a copy is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Holt, this recommendation was approved and authority was given as requested.

PURCHASES

(21) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 laboratory incubators, 18 in. x 27 in. x 18 in. (inside measurements); range room to 60°C temperatures</td>
<td>Bacteriology</td>
<td>Hospital Equipment Corp., Chicago</td>
<td>$6,148.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Eight laboratory water bath units, 15 in. x 12 in. x 7 in., range room to 100°C temperatures; 115 volts, 50-60 cycle</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One centrifuge laboratory refrigerated, with controls, super-speed 34° angle rotor, high-speed 28° angle rotor, and modified horizontal throw rotor for 50 and 15 ml tubes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One analog-to-digital computer</td>
<td>Electrical Engineering</td>
<td>Electronic Computer Co., Conshohocken, Pa.</td>
<td>$2,845.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Four Hewlett-Packard type 130-B, 300 kc oscilloscopes with PL screen, cabinet mount</td>
<td>Electrical Engineering</td>
<td>Hewlett-Packard Co., Palo Alto, Calif.</td>
<td>$2,600.00 f.o.b. Norwalk, Conn.</td>
</tr>
<tr>
<td>Ten type 16-6H dual operational amplifiers with 12 conversion sets, and two each type 26-7N (13) and 26-7N (16) servo multipliers</td>
<td>Electrical Engineering</td>
<td>Electronic Associates, Inc., Long Branch, N.J.</td>
<td>$11,200.00 f.o.b. Long Branch, N.J.</td>
</tr>
<tr>
<td>Consulting engineering services for Radio Astronomy project of the Office of Naval Research; this is a continuation of services required for contract research approved by the Board of Trustees, September 30, 1958</td>
<td>Electrical Engineering</td>
<td>Hanson, Collins, &amp; Rice, Springfield</td>
<td>$10,000.00 (maximum)</td>
</tr>
<tr>
<td>One spectrophotometer, recording, infrared, complete for use on 105-120 volt, 60 cycle</td>
<td>Entomology</td>
<td>The Perkin-Elmer Corp., Chicago</td>
<td>$4,213.00 f.o.b. Norwalk, Conn.</td>
</tr>
<tr>
<td>Nuclear reactor grade graphite to be fabricated as directed by the Department of Physics</td>
<td>Physics</td>
<td>National Carbon Co., Chicago</td>
<td>$19,810.00 f.o.b. Cleveland, Ohio</td>
</tr>
<tr>
<td>100,000 Mysonline tablets, 0.25 gram</td>
<td>Hospital Pharmacy</td>
<td>Ayerst Laboratories, Chicago</td>
<td>$2,568.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>
On motion of Mr. Herrick, these purchases were authorized.

PURCHASE OF INTRAVENOUS SOLUTIONS AT THE RESEARCH AND EDUCATIONAL HOSPITALS

(22) The Board of Trustees on May 29, 1958, approved a recommendation for the purchase of intravenous fluids and administration kits as required in the Research and Educational Hospitals during the period July 1, 1958, to June 30, 1959, from Abbott Laboratories, the lowest bidder, at an estimated cost of $36,323.33 for the year. Bids were taken on a cost-per-unit basis. The transaction provides for renewal of the order for one year by mutual agreement.

A development in the use of intravenous fluids has resulted in a larger use of smaller bottles of fluid of a capacity of 100 and 250 c.c. rather than 500 and 1,000 c.c., and this has had wide acceptance. Because of this development and the increased use of intravenous solutions during the first six months of 1958-59, the cost for the year is now estimated at $52,000. Accordingly, the Medical Director of the Hospitals, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend authorization of an increase in the present order from $36,323.33 to $52,000.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

COMPTROLLER'S REPORT OF CONTRACTS

(23) The Comptroller's report of contracts executed during the period January 1 to 31, 1959.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Air Force</td>
<td>Interaction of dissolved interstitial atoms with dislocations</td>
<td>$15 561 00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>AF 33(616)-6176</td>
<td>Properties of insulating and conducting solids</td>
<td>44 000 00</td>
<td>September 1, 1959</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Techniques for the objective description of freeze-dehydrated cooked beef</td>
<td>12 000 00</td>
<td>December 15, 1958</td>
</tr>
<tr>
<td>AF 40(638)-528</td>
<td>Dynamic bearing capacity of soils</td>
<td>16 950 00</td>
<td>November 1, 1958</td>
</tr>
<tr>
<td>United States Army</td>
<td>Effect of phenol ethers on lesions of the skin produced by beta radiations</td>
<td>15 000 00</td>
<td>January 26, 1959</td>
</tr>
<tr>
<td>DA19-159-QM-1332</td>
<td>Low-cycle, high-stress fatigue behavior of materials and structural components of steels typical of ship application</td>
<td>20 000 00</td>
<td>August 15, 1958</td>
</tr>
</tbody>
</table>
**UNIVERSITY OF ILLINOIS**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Navy</td>
<td>Determine hydrogen embrittlement tendencies of propeller, shaft, and hull metals as related to cathodic protection</td>
<td>$24,925.00</td>
<td>August 21, 1958</td>
</tr>
</tbody>
</table>

**Leases**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Holland Machine Co.</td>
<td>Two No. 350 manure spreaders with 20 in. rims</td>
<td>$143.50 annually</td>
<td>November 17, 1958</td>
</tr>
</tbody>
</table>

**Contract Changes**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allied Chemical Corp.</td>
<td>Ruminant nutrition with particular regard to energy and nitrogen utilization</td>
<td>$2,500.00</td>
<td>January 1, 1959</td>
</tr>
<tr>
<td>Allied Chemical Corp., Nitrogen Division</td>
<td>Mobility and transformations of nitrogen compounds in soils and the efficiencies of the nitrogen compounds in crop production</td>
<td>2,500.00</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>National Warm Air Heating &amp; Air Conditioning Association</td>
<td>Heating, ventilating, and air conditioning as related to warm air furnace heating</td>
<td>37,000.00</td>
<td>January 1, 1959</td>
</tr>
<tr>
<td>State of Illinois State Housing Board</td>
<td>Proposed planning programs for Illinois municipalities of less than 25,000 population</td>
<td>7,000.00</td>
<td>December 31, 1958</td>
</tr>
<tr>
<td>United States Air Force AF33(616)-515</td>
<td>Brittle transition in metals</td>
<td>50,300.27</td>
<td>November 15, 1958</td>
</tr>
<tr>
<td>United States Air Force AF49(638)-65</td>
<td>Transistor-RC network synthesis</td>
<td>22,279.00</td>
<td>October 16, 1958</td>
</tr>
<tr>
<td>United States Air Force AF49(638)-212</td>
<td>Metallic properties of titanate semiconductors</td>
<td>22,296.00</td>
<td>November 10, 1958</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-314</td>
<td>Boron-containing dyes in vivo experiments on mice with glioblastoma tumors</td>
<td>7,090.00</td>
<td>December 24, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(13)</td>
<td>Use of pure quadrupole spectroscopy of electron distribution in molecules</td>
<td>34,000.00</td>
<td>November 24, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(15)</td>
<td>Design and development of selected computer components</td>
<td>10,000.00</td>
<td>December 5, 1958</td>
</tr>
</tbody>
</table>

**Adjustments Made in 1958-59 Cost-Plus Contract**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. T. Drewitch (Plastering)</td>
<td>Twenty items; $30.00 to $360.00</td>
<td>$1,667.00</td>
<td>December, 1958, and January, 1959</td>
</tr>
</tbody>
</table>

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(24) The Comptroller presents his quarterly report to the Board as of December 31, 1958.

This report was received for record and a copy has been filed with the Secretary of the Board.

**RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE**

(25) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by members of the staff.

Filipin, a new antifungal antibiotic—David Gottlieb, Professor of Plant Pathology; H. E. Carter, Professor of Biochemistry; and Alfred Ammann, postdoctoral assistant (1954), inventors. On May 15, 1954, the Board of Trustees transferred this invention to the University of Illinois Foundation for further development. The Foundation negotiated an agreement with the Upjohn Company whereby that corporation advanced funds to develop the discovery and apply for a patent. This agreement specifies that the Foundation is to receive a
The percentage of the sales of this antibiotic. It now appears that such income will be forthcoming in the near future.

The University statutes provide that the University Patent Committee shall recommend the percentage of income thus received to be paid to the inventors. The Patent Committee recommends that 15 per cent of the net income thus received should be paid to the inventors, the distribution of such income among the inventors to be their decision.

I concur in this recommendation.

Mr. Bissell, for the Committee on Patents, reported that the Committee also concurs in this recommendation, and on his motion, it was approved.

**COMMUNICATION FROM MAYOR RICHARD J. DALEY**

At this point Mr. Ira J. Bach, Commissioner of City Planning of Chicago, and Mr. Clifford Campbell, Deputy Commissioner, appeared at the Board meeting with a letter from Mayor Richard J. Daley, addressed to the President of the University, urging that the selection of a site for the Chicago Undergraduate Division be deferred, and inviting the Trustees to confer with him on this matter. Mr. Bach suggested that in view of this invitation the Board might wish to consider the action previously taken on site selection.

It was the consensus of the Board that the action already taken should not be rescinded but that arrangements for a conference of the Committee on General Policy with Mayor Daley should be made as soon as possible.

**SECRETARY'S REPORTS**

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

**APPOINTMENTS MADE BY THE PRESIDENT**

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

**Adams, Mary J. N., Research Assistant in Bacteriology, February 1-June 15, 1959, $240 a month (1-29-59).**

**Allison, Olaf W., Assistant in the Division of Anesthesiology (Surgery) (Medicine), seven months from December 1, 1958, without salary (1-5-59).**

**Anderson, Alan J., Research Associate in Preventive Medicine (Medicine), one year from January 1, 1959, $8040 (2-2-59).**

**Anderson, David H., Research Assistant in Chemistry, one month from January 1, 1959, $400, supersedes (1-5-59).**

**Belnarowicz, Elwina A., Assistant in Chemistry (Pharmacy), January 1-June 15, 1959, $400 a month, supersedes (1-5-59).**

**Belford, Mrs. Geneva G., Research Associate in Chemistry, seven months from February 1, 1959, $6000 a year, supersedes (1-21-59).**

**Benziman, Moshe, Research Associate in Chemistry, eight months from January 1, 1959, $3570 a year (1-5-59).**

**Bergeron, Clifton G., Research Associate in Ceramic Engineering (S), January 15-August 31, 1959, $8500 a year, supersedes (1-5-59).**

**Blum, Eleanor, Journalism Librarian, with rank of Instructor, seven months from February 1, 1959, $6320 a year, supersedes (1-5-59).**

**Blyth, Colin R., Professor of Mathematics, indefinite tenure beginning September 1, 1959, to render service during each academic year, $11,000 a year (1-17-59).**

**Calenoff, Leonid, Assistant in Radiology (Medicine), eight months from January 1, 1959, without salary (2-2-59).**

**Caro, Marcus R., Research Associate in Oral Pathology (Dentistry), 1/10 time, seven months from February 1, 1959, $58.33 a month (1-29-59).**
CULP, ROBERT W., Assistant Dean of Men, ½ time, four months from February 1, 1959, $266.66 a month, and on full time, three months from June 1, 1959, $533.34 a month, supersedes (1-26-59).

DAUGHERTY, MRS. MARILYN, Chemistry Library Assistant, seven months from February 1, 1959, $4750 a year, supersedes (1-5-59).

DENNEN, DAVID A., Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, $4400 a year (2-2-59).

DeWIT, ROLAND, Research Associate in Physics (C), seven months from February 1, 1959, $5000 a year, supersedes (1-19-59).

Drablos, CARROLL J. W., Research Associate in Agricultural Engineering (S), January 15-August 31, 1959, $6200 a year (2-2-59).

Earin, FRANZY, Lecturer in Management, February 1-June 15, 1959, $777.77 a month, supersedes (1-17-59).

Erikson, CHARLES W., Associate Professor of Psychology, August 16-August 25, 1958, $412.70 for the period; this is in addition to his present appointment (1-13-59).

Fisher, DONALD R., Assistant in Theoretical and Applied Mechanics (C), February 1-June 15, 1959, $422.22 a month, supersedes (1-26-59).

Fisher, ROGER J., Research Assistant in Sociology, eight months from January 1, 1959, $4400 a year (1-15-59).

Forrest, RALPH L., Assistant in Farm Management (Agricultural Economics) (S), January 15-August 31, 1959, $5200 a year (1-5-59).

Fox, RONALD E., Instructor in Medicine (Medicine), ½ time, eight months from January 1, 1959, $4750 a year, supersedes nonsalaried appointment (1-21-59).

Frye, CHARLES, Assistant in Radiology (Medicine), nine months from December 1, 1958, without salary (1-5-59).

Garwood, CHRISTINA, Assistant in Veterinary Pathology and Hygiene (Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), March 16-August 31, 1959, $4400 a year (1-28-59).

George, GEORGE T., Physician in the Health Service (Chicago Professional Colleges), ½ time, January 14-August 31, 1959, $1920 a year (2-2-59).

Goldstein, HAROLD, Visiting Lecturer in Library Science, ½ time, to render service during the second semester of the academic year, February 1-June 15, 1959, $2500 (1-6-59).

Grier, EPERAIM A., Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1959, without salary (1-5-59).

Grubert, HEINRICH, Research Associate in Chemistry, February 15-August 31, 1959, $447.50 a month (1-5-59).

Haebich, ARTHUR T., Research Associate in Anatomy (Medicine), nine months from December 1, 1959, without salary (1-5-59).

Hare, MRS. ALICE P., Instructor in Home Economics 4-H Club Work (E), January 6-August 31, 1959, $3500 a year (1-17-59).

Heather, NANCY, Architecture Library Assistant, seven months from February 1, 1959, $4750 a year, supersedes (1-5-59).

Hosporier, EMIL W., Assistant Professor of Medical and Dental Illustration, Illustration Studios (Chicago Professional Colleges), eight months from January 1, 1959, $8500 a year, supersedes (1-15-59).

Huber, EDWARD A., Research Associate in the Control Systems Laboratory (S), seven months from February 1, 1959, $7200 a year, supersedes (1-17-59).

Ichimura, SHOTI, Research Associate in Botany, ½ time, seven months from February 1, 1959, $4400 a year (2-3-59).

Jackson, DONALD D., Editor, with rank of Professor (University Press), indefinite tenure beginning February 1, 1959, $11,000 a year, supersedes (1-21-59).

Jacobson, MARCUS A., Assistant in Psychiatry (Medicine), one year from July 1, 1958, without salary (1-5-59).

Jann, KLAUS, Research Associate in Chemistry, one year from January 16, 1959, $5370, supersedes (2-3-59).

Jandroski, MARY D., Research Assistant in Bacteriology, February 2-June 15, 1959, $400 a month (2-2-59).

KAHN, HERBERT, Research Associate in Clinical Science (Medicine), 65/100 time, nine months from December 1, 1958, $3600 a year, supersedes nonsalaried appointment (1-17-59).
Kawasaki, Masako, Research Assistant in Biological Chemistry (Medicine), nine months from December 1, 1958, $4400 a year (1-13-59).

Klein, Kurt, Instructor in Russian, February 1-June 15, 1959, $600 a month, supersedes (2-2-59).

Kona, Mrs. Martha, Cataloger, with rank of Instructor, in the Library of Medical Sciences (Chicago Professional Colleges), seven months from February 1, 1959, $5400 a year, supersedes (1-22-59).

Kowitz, Aletha, Circulation and Reference Assistant, with rank of Instructor, in the Library of Medical Sciences (Chicago Professional Colleges), seven months from February 1, 1959, $5900 a year (1-21-59).

Landis, Martha, Undergraduate Library Assistant, seven months from February 1, 1959, $4500 a year, supersedes (1-5-59).

Lauteinstein, Aubrey M., Research Assistant in the Department of Pedodontics (Dentistry), $160 a month, and Pedodontist to the Cleft Palate Training Program (Division of Services for Crippled Children), without salary, 1/2 time, January 15-August 31, 1959 (2-2-59).

Levine, Lawrence, Clinical Instructor in Obstetrics and Gynecology (Medicine), eight months from January 1, 1959, without salary (1-13-59).

Lichtenberger, William W., Research Associate in the Control Systems Laboratory on 3/4 time, and in Electrical Engineering on 3/4 time (C and S), February 1-June 15, 1959, and Research Associate in the Control Systems Laboratory (S), full time, June 16-August 31, 1959, $4200, supersedes (2-2-59).

Lis, Edward F., Acting Director of the Division of Services for Crippled Children, from February 1, 1959, and continuing until the effective date of appointment of a Director, $165 a month; this is in addition to his present appointment as Associate Professor of Pediatrics (Medicine, Division of Services for Crippled Children), indefinite tenure, $12,600 a year, and as Director of the Center for Handicapped Children (Research and Educational Hospitals) (1-29-59).

Loewy, Arthur, Assistant Professor of Otolaryngology (Medicine), 1/2 time, eight months from January 1, 1959, $3520 a year, supersedes nonsalaried appointment (1-9-59).

Mackowiak, Richard J., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals, Pharmacy), eight months from January 1, 1959, $5600 a year (1-5-59).

McMahen, Donald L., Assistant in Animal Science (S), eight months from January 1, 1959, $4800 a year (1-28-59).

Nakabayashi, Nicholas T., Assistant in Dairy Science (S), seven months from February 1, 1959, $4800 a year (1-13-59).

Nora, Joseph R., Instructor in Medicine (Medicine), 1/2 time, eight months from January 1, 1959, $4750 a year, supersedes nonsalaried appointment (1-26-59).

Norsen, Jeannette, Research Assistant in Preventive Medicine (Medicine), seven months from February 1, 1959, $5200 a year, supersedes (1-5-59).

Notani, G. W., Research Associate in Chemistry, four months from January 1, 1959, $447.50 a month (1-21-59).

Oostmeyer, Paul A., Instructor in English (Pharmacy), six months from January 1, 1959, $3000 (1-26-59).

Otis, Jack, Associate Professor of Mental Health and Psychiatric Social Work Supervisor (Health Service), 1/4 time, June 19-August 14, 1959, $588.88 for the period; this will be in addition to his 1959 Summer Session contract (1-17-59).

Patterson, Virginia N., Assistant Professor of Radiology (Medicine), eight months from January 1, 1959, $9500 a year, supersedes nonsalaried appointment (12-31-58).

Paul, Joy C., Research Associate in Pharmacology (Medicine), on 65/100 time, six months from January 1, 1959, $320 a month (1-5-59).


Rasmussen, Mrs. Lore M., Research Associate in Education (University High School), January 1-June 15, 1959, $593.33 a month, supersedes (1-28-59).

Robb, David C. N., Research Associate in Civil Engineering (C and S), February 1-June 15, 1959, $2350, supersedes (1-17-59).
RODGERS, FRANCIS, Assistant Reference Librarian, with rank of Instructor, February 16-August 31, 1959, $5370 a year (1-17-59).

ROWEY, JANET D., Clinical Instructor in Neurology and Neurological Surgery, Epilepsy (Medicine), 9/10 time, January 5-August 31, 1959, $6720 a year, supersedes (2-2-59).

SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S), seven months from February 1, 1959, $5760 a year (1-21-59).

SHAUNESSY, JOANNE D., Assistant Psychometrist in the Student Counseling Service (Chicago Undergraduate Division), 3/5 time, seven months from February 1, 1959, $1840 a year (2-2-59).


SMITH, ROBERT, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, $4800 a year, supersedes (1-16-59).


TESI, GIORGIO, Research Associate in Chemistry, one year from February 1, 1959, $600 (1-21-59).

THOMPSON, CHARLES L., Assistant Dean of Men, 3/4 time, four months from February 1, 1959, $800 (1-26-59).

VIDEKA, MICHAEL A., Instructor in Applied Materia Medica and Therapeutics (Dentistry), on 7/10 time, February 12-August 31, 1959, $4550 a year, supersedes (1-21-59).

WEINBERG, MARILYN G., Assistant in Medicine (Medicine), ten months from November 1, 1958, $4800 a year, supersedes (1-5-59).

WELLS, WARREN, Research Assistant in Biological Chemistry (Medicine), eight months from January 1, 1959, $5000 a year, supersedes (1-16-59).

WESTMAN, LARS F., Research Associate in Chemistry, one year from March 1, 1959, $5640 (1-5-59).

WHITE, ROBERT A., Assistant in Mechanical Engineering (C), February 1-June 15, 1959, $2200, supersedes (1-16-59).

WHITENER, ROBERT W., Assistant Professor of Mental Hygiene and Psychiatrist (Health Service), one year from September 1, 1958, $12,500 (2-2-59).

WHITEFORD, CASIMIR M., Assistant in Pharmacy (Pharmacy), January 1-June 15, 1959, $400 a month (1-22-59).


WISHNER, RICHARD P., Research Associate in the Control Systems Laboratory (S), 3/4 time, six months from March 1, 1959, $311.50 a month (2-2-59).

XERIKOS, JAMES, Instructor in Aeronautical Engineering (C), to render service during the second semester of the academic year, March 1-August 31, 1959, $3000 (1-20-59).

FELLOWS
(The following appointment was made by the President of the University.)


GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the dates indicated in parentheses.)

BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from January 1, 1959, $60 a month (1-21-59).

BOND, H. W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, $1800 a year, supersedes (1-30-59).

BRENNING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, $2000 a year, supersedes (1-30-59).

BRITSKY, NICHOLAS, Fellow in Art, three months from June 16, 1959, $900 (1-5-59).
BURNETT, CAROLYN N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from January 1, 1959, $2000 (12-31-58).

BUTWELL, RICHARD, Fellow in Political Science, three months from June 16, 1959, $600 (1-5-59).

CARLSON, DONALD O., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges), eight months from November 1, 1958, $2250, supersedes (1-15-59).

CHASE, SAMUEL B., Fellow in Economics, three months from June 16, 1959, $900 (1-5-59).

CROPP, FREDERICK W., Fellow in Geology, three months from June 16, 1959, $900 (1-5-59).

CROSBY, JAMES O., Fellow in Spanish, three months from June 16, 1959, $900 (1-5-59).

DOBEREINER, DAVID A., Fellow in Architecture, three months from June 16, 1959, $600 (1-5-59).

ENGLAND, R. W., Fellow in Sociology, three months from June 16, 1959, $900 (1-5-59).

FOSTER, GEORGE N., Fellow in Art, three months from June 16, 1959, $900 (1-5-59).

FUMENTO, Rocco, Fellow in English, three months from June 16, 1959, $900 (1-5-59).


GREENBERG, MICHAEL J., Fellow in Zoology, three months from June 16, 1959, $900 (1-5-59).

HALL, BENJAMIN D., Fellow in Chemistry, three months from June 16, 1959, $900 (1-5-59).

HUNTER, GEORGE, Fellow in Music, three months from June 16, 1959, $900 (1-5-59).

JERRARD, RICHARD P., Fellow in Mathematics, three months from June 16, 1959, $900 (1-5-59).

JORDAN, MRS. MOREEN C., Fellow in English (Chicago Undergraduate Division), three months from June 16, 1959, $900; this is in addition to her present appointment (1-22-59).

KAUFMAN, RICHARD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), six months from January 1, 1959, $60 a month (1-21-59).


MEYER, JAMES C., Fellow in Chemistry, three months from June 16, 1959, $900 (1-5-59).

McGUIRE, WILLIAM J., Fellow in Psychology, three months from June 16, 1959, $900 (1-5-59).

PHILLIPS, BERNARD S., Fellow in Sociology, three months from June 16, 1959, $900 (1-5-59).


QUERESHI, MOHAMMED Y., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, seven months from February 1, 1959, $416.66 a month (2-3-59).

REDDY, VASUNDER, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, $1500 a year, supersedes (1-30-59).

RUECKERT, WILLIAM H., Fellow in English, three months from June 16, 1959, $900 (1-5-59).
STARBUCK, WESLEY C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), eight months from January 1, 1959, $3000 a year, supersedes (1-30-59).

STILLINGER, JACK, Fellow in English, three months from June 16, 1959, $900 (1-5-59).

STILLWELL, GARDINER, Fellow in English, three months from June 16, 1959, $900 (1-5-59).

SUTFIN, D. C., Fellow in Physiology, three months from June 16, 1959, $900 (1-5-59).

TIEBOUT, HARRY M., JR., Fellow in Philosophy, three months from June 16, 1959, $900 (1-5-59).

TIREDI, MITCHELL D., Fellow in Spanish, three months from June 16, 1959, $900 (1-5-59).

WEISSMAN, H. B., Fellow in Physics (Chicago Undergraduate Division), three months from June 16, 1959, $900; this is in addition to his present appointment (1-22-59).

WOLSZTYNIAK, HAROLD R., B. B. Rappaport Dental Student Part-time Research Fellow (Trainee) in Dentistry, five months from February 1, 1959, $80 a month (1-13-59).

RESIGNATIONS

BROWN, ARNOLD L., Instructor in Pathology (Medicine) — resignation effective February 1, 1959.

DOMNAS, ARISTOTLE, Research Associate in Psychiatry (Medicine) — resignation effective August 31, 1958.

DRAKE, ALBERT E., Research Associate in Food Technology — resignation effective March 17, 1959.

FORE, MARLOWE D., Instructor in Radio and Television and Supervisor of Television News — resignation effective February 8, 1959.

FU, MRS. VIOLA, Serials Assistant in the Library — resignation effective February 1, 1959.

Kluger, MRS. SONDRA R., Research Assistant in Medicine (Medicine) — resignation effective December 20, 1958.

LEDGETTER, KENNETH L., Assistant in English — resignation effective February 1, 1959.

LEVENTHAL, MRS. CYNTHIA, Catalog Assistant in the Library — resignation effective March 15, 1959.

MARTIN, NOEL D., Visiting Associate Professor of Dentistry (Dentistry) — resignation effective February 1, 1959.

McGARVEY, RAYMOND L., Instructor in Accountancy — resignation effective March 1, 1959.

MORELL, WILLIAM E., Professor of Physical Science (Division of General Studies) — resignation effective March 1, 1959.

MURRAY, ALBERT E., Research Associate in the Control Systems Laboratory — resignation effective February 1, 1959.

MYERS, JOHN J., Research Associate in the Control Systems Laboratory — resignation effective February 25, 1959.


RICKETTS, LUTHER, JR., Instructor in Electrical Engineering — resignation effective March 1, 1959.

SCHOONOVER, DAVID M., Hackett Fellow in Agricultural Economics — resignation effective February 1, 1959.

SHAIN, MRS. LILLIAN, Instructor in Occupational Therapy (Medicine) — resignation effective February 1, 1959.

STOCKHOLDER, MRS. KATHERINE A., Instructor in English — resignation effective March 1, 1959.

SWAN, JAMES B., Fellow in Agronomy — resignation effective February 1, 1959.

TANNENBAUM, PERCY H., Research Assistant Professor of Journalism and Communications — resignation effective March 1, 1959.
WILSON, MRS. ROBIN S., Assistant in English — resignation effective February 1, 1959.

ZARATZIAN, VIRGINIA L., Research Associate in Pharmacology (Medicine) — resignation effective March 1, 1959.

LEAVES OF ABSENCE

BEST, WILLIAM R., Associate Professor of Medicine (Medicine) — leave of absence, without pay, from February 16, 1959, through April 19, 1959, so that he may accept a professional assignment by the Interdepartmental Committee on Nutrition for National Defense on a team which will survey the nutritional status of the army and people of Peru, and also for studies of certain hematologic problems of scientific interest to him.

CLEARY, EDWARD W., Professor of Law — leave of absence, without pay, during the academic year 1959-60 (September 1, 1959, through August 31, 1960), so that he may accept an appointment as Visiting Professor of Law at Stanford University during that period.

MCBURNET, WILLIAM H., Assistant Professor of English — leave of absence for the second semester of the current academic year, 1958-59 (March 1 through August 31, 1959), with pay from March 1 through March 15, 1959, and without pay from March 16 through August 31, 1959, on account of ill health.

PLESS, MRS. JEAN M., McHenry County Assistant Home Adviser — leave of absence, without pay, February 16, 1959, through March 31, 1959.

RUINA, JACK P., Associate Professor of Electrical Engineering (C) and Research Associate Professor in the Control Systems Laboratory (S) — leave of absence, without pay, one year from February 1, 1959.

SHERBART, JANE C., Assistant in Nursing — leave of absence, without salary, two months from January 1, 1959, so that she may complete requirements for the master's degree at the University of Chicago.

DEGREES CONFERRED

The Secretary presented for record the following lists of degrees conferred on February 7, 1959, on recommendation of the Urbana Senate and by authority of the Board of Trustees, and at the Chicago Professional Colleges on the date indicated.

Summary

Degrees in the Graduate College, conferred at Urbana:

- Doctor of Philosophy .................................................. 70
- Doctor of Education .......................................................... 5
- Master of Arts ................................................................. 47
- Master of Science ............................................................. 183
- Master of Music ............................................................... 4
- Master of Education ......................................................... 52
- Master of Fine Arts ........................................................... 1
- Master of Laws ................................................................. 1
- Master of Architecture ..................................................... 1
- Master of Television ......................................................... 1
- Advanced Certificate in Education ....................................... 2

Total, Graduate College .................................................(367)

Degrees in Law, conferred at Urbana:

- Bachelor of Laws ............................................................ 23

Baccalaureate Degrees, conferred at Urbana:

- Bachelor of Science, College of Agriculture ...................... 62
- Bachelor of Science, College of Engineering ..................... 287
- Bachelor of Arts, College of Liberal Arts and Sciences ....... 90
- Bachelor of Science, College of Liberal Arts and Sciences .... 82
- Bachelor of Science, College of Education ......................... 46
- Bachelor of Science, College of Commerce and Business Administration 123
- Bachelor of Science, College of Journalism and Communications 33
- Bachelor of Architecture, College of Fine and Applied Arts .... 42
- Bachelor of Fine Arts, College of Fine and Applied Arts ....... 21
- Bachelor of Music, College of Fine and Applied Arts .......... 4
Bachelor of Science, College of Fine and Applied Arts........................................ 16
Bachelor of Science, College of Physical Education.................................................. 28
Bachelor of Science, Division of Special Services for War Veterans.......................... 42
Total, Baccalaureate Degrees................................................................. (876)
Total, Degrees Conferred at Urbana.......................................................... (1,266)

Degrees in Pharmacy, conferred at Chicago:
Bachelor of Pharmacy...................................................................................... 1
Total, Urbana and Chicago.............................................................................. 1,267

Degrees Conferred at Urbana

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy
RUDOLPH WALTER SCHATTKE, B.S., M.S., 1953, 1954
TOM GUTHRIE SECOR, B.S., University of Arkansas, 1936; M.S., 1947

In Agricultural Economics
WALTER LAVON WILSON, B.S., M.S., 1949, 1952

In Agronomy
MUHAMMAD IQBAL, B.S., University of the Panjab, 1952; M.S., 1957
JOHN LETEY, JR., B.S., Colorado State University, 1955

In Animal Nutrition
TARA RAO, B.S., University of Madras, 1951; M.S., University of Bombay, 1954

In Bacteriology
MARY JANE NEAL ADAMS, A.B., Earlham College, 1951; M.S., Purdue University, 1954
DAVID HIRSCH EZKIEL, B.S., University of Maryland, 1948
A. K. M. MAHBOOBUH RAHMAN, B.S., M.S., University of Dacca, 1951, 1952;
M.S., 1957

In Botany
GARY YOSHINORI KIKUDOME, B.S., M.S., University of Michigan, 1949, 1950

In Chemistry
DAVID HAMEL ANDERSON, B.S., Northwestern University, 1953; A.M., Harvard
University, 1955
GERALD ROBERT BAKKER, A.B., Calvin College, 1955
DONALD JAMES CASEY, B.S., Yale University, 1955
JAMES LOVE FEDRICK, B.S., M.S., University of Arizona, 1953, 1955
WILLIAM EMMETT GARRISON, JR., B.S., Juniata College, 1955
JEROME ALLEN GOURSE, B.S., Virginia Polytechnic Institute, 1950; M.S., Univer-
sity of Delaware, 1951
JOHN ROBERT LARSON, A.B., Albion College, 1955
DONALD EDWARD MCGRER, B.S., M.S., University of Alberta, 1954, 1956
ROBERT ARTHUR MOONEY, B.S., University of Rochester, 1955
RICHARD CLARENCE TUTTLE, B.S., University of Rochester, 1955
FRANCIS MASATUKI WACHI, B.S., M.S., 1954, 1956
ROBERT WINSLOW WHITE, B.S., Massachusetts Institute of Technology, 1955
ROBERT GRAHAM WOOLFORD, B.S., M.S., University of Western Ontario, 1955, 1956

In Civil Engineering
ROGER DIAZ DE COSSIO, Civil Engr., National Autonomous University of Mexico,
1955; M.S., 1957
EDWIN JOHN MONKE, B.S., M.S., 1950, 1953
In Dairy Science
GILBERT HORACE ROLLINS, B.S., M.S., Virginia Polytechnic Institute, 1943, 1948

In Dairy Technology
WASSEF WAHBA NAWAR, B.S., M.S., Fouad First University, 1947, 1950

In Economics
PAULINO ALOG BALLESTEROS, B.S., University of California (Berkeley), 1949; M.B.A., University of Chicago, 1950
OSWALD DONIECE BOWLIN, A.B., M.S., Agricultural and Mechanical College of Texas, 1951, 1954
JOHN DAVIS HOLMES, A.B., West Virginia State College, 1950; M.S., 1955
MILTON LINWOOD MYERS, A.B., A.M., University of Connecticut, 1951, 1953
ALLAN JOSEPH TWARD, B.S., M.B.A., Kent State University, 1953, 1954

In Education
MARY JANE MCCUE ASCHNER, A.B., University of Chicago, 1944; A.M., 1953

In Electrical Engineering
RICHARD CHARLES BECKER, B.S., Fournier Institute of Technology, 1953; M.S.(E.E.), M.S.(Math.), 1954, 1956
KING-SUN FU, B.S., National Taiwan University, 1954; M.S., University of Toronto, 1956
SEIFOLLAH HAKIMI, B.S., M.S., 1955, 1957
JAMES JOSEPH MIKULSKI, B.S., Fournier Institute of Technology, 1955; M.S., California Institute of Technology, 1956
BASIL ROLAND MYERS, B.S., University of Birmingham, 1950; M.S., 1951
JOHN JAMES MYERS, B.E.E., Ohio State University, 1943; M.S., 1947

In English
ROBERT WILLIAM BARZAK, A.B., Agricultural and Mechanical College of Texas, 1949; A.M., 1951
ARTHUR EMMET PENNELL, B.S., A.M., 1949, 1953
JAMES EDWARD ROBINSON, B.S., Rockhurst College, 1947; A.M., Creighton University, 1949
CHARLES THOMPSON WILKINS, A.B., A.M., University of Kentucky, 1939, 1941

In Entomology
JOHN WARREN MATTEISSON, B.S., M.S., 1954, 1956

In Food Technology
RICHARD VICTOR LECHOWICH, A.B., M.S., University of Chicago, 1952, 1955

In History
ROBERT DEAN TALBOTT, A.B., A.M., 1950, 1955

In Horticulture
MARY PRICE AUBERTIN, A.B., 1953; M.S., Kansas State College of Agriculture and Applied Science, 1955

In Mathematics
PETER GEORGE BRAUNFELD, A.B., B.S., University of Chicago, 1949, 1951; M.S., 1953

In Mechanical Engineering
NAIM ZAKI AZER, B.S., M.S., Alexandria University, 1950, 1954
In Metallurgical Engineering

Howard Kent Birnbaum, B.S., M.S., Columbia University, 1953, 1955
Chin Huan Cheng, B.S., National Chiao Tung University, 1942; M.S., Carnegie Institute of Technology, 1948
Chuan-Tseng Wei, B.S., Ordnance Engineering College, 1944; M.S., 1956

In Physical Education

Paul Eugene Meadows, A.B., Valparaiso University, 1948; A.M., University of Michigan, 1951

In Physics

Roland deWit, B.S., Ohio University, 1953; M.S., 1955

In Physiology

Madhu Sudan Kanungo, B.S., Utkal University, 1949; M.S., University of Lucknow, 1951
Joanne Gillespie Walker, B.S., M.S., 1953, 1955

In Plant Pathology

Vedula Venkata Chenulu, B.S., University of Madras, 1949
Donald Vance McVey, B.S., M.Agr., Purdue University, 1947, 1954

In Political Science

David Nelson Farnsworth, A.B., University of Wichita, 1953; A.M., 1955
Thomas Andrew Israel, B.S., Northwestern University, 1939; A.M., University of Chicago, 1948

In Psychology

Eugene Dale Chambers, B.S., 1950

In Sociology

Severyn TenHaut Bruyn, Jr., B.S., M.S., 1950, 1951

In Spanish

Elizabeth Sterrett Bibb, A.B., A.M., Radcliffe College, 1944, 1945

In Speech

Alberta Lewis Humble, A.B., A.M., 1930, 1951
Cecil Derwent Jones, Jr., A.B., Vanderbilt University, 1951; A.M., Northwestern University, 1952
James Willis Yeater, A.B., Baker University, 1951; A.M., University of Washington, 1955

In Zoology

James Frederic Opsahl, A.B., University of California (Berkeley), 1949; M.S., 1951

Degree of Doctor of Education

Richard Luther Derr, B.S., State University of New York College for Teachers (Brockport), 1951; Ed.M., 1955
Anna Marguerite Gorman, B.S., Illinois State Normal University, 1945; M.S., University of Wisconsin, 1949
George Henry Millis, B.Ed., Wisconsin State College (Whitewater), 1940; M.S., University of Wisconsin, 1948
Queenie Beatrice Mills, B.S., A.M., New York University, 1941, 1947
Degree of Master of Arts

In Chemistry

William Edward Adcock, A.B., Milliken University, 1957
Angelo John Bollero, A.B., Southern Illinois University, 1957
Marilyn Kay Nellis, A.B., Mt. Holyoke College, 1957

In Economics

John Francis Mann, B.S., University of Detroit, 1957
Chong Kee Park, A.B., Westminster College (Utah), 1957

In English

Ronald Eugene Buckalew, A.B., College of Wooster, 1957
Coryl Eugene Crandall, A.B., 1956
Richard Eugene Hutson, A.B., 1957
Erle William Lair, B.S., Western Illinois University, 1956
Gordon Lindstrand, B.S., 1958
Patricia Stapleton Moe, A.B., 1957
Laura Elizabeth Rhodes, B.S., 1955
Roslyn Snow, A.B., 1958
Emily Stipes Watts, A.B., 1958

In History

Gerald Lee Gutek, A.B., 1957
Betty Jo Brown Mayeske, A.B., 1956
Shirley Brown Moon, A.B., 1958
David Thomas Peterson, B.S., 1957
Francis Theodore Reuter, B.S., 1950
Ralph Allen Stone, A.B., University of Kansas, 1956

In Labor and Industrial Relations

David Bond Carico, A.B., College of William and Mary, 1955
John David Deitz, A.B., Lake Forest College, 1954
Duane Gerald Inks, A.B., Beloit College, 1957
Wayne Lawrence Inks, A.B., Beloit College, 1957

In Mathematics

Rochelle Abend, A.B., Northwestern University, 1957
Ross Herbert Flenner, A.B., Miami University, 1956
Eugene Ivan Grunby, A.B., Earlham College, 1957

In Philosophy

Angeio Peter Casten, A.B., 1957
Robert Dean Lakin, A.B., Colorado State College, 1957
Sandra Lee Schwartz, A.B., 1955

In Political Science

Berhane Maskal Bahta, A.B., University College of Addis Ababa, 1955

In Psychology

Carl Robert Floden, A.B., 1956
Eugene Francis Gauron, A.B., Creighton University, 1957
Jacquelin Roberta Goldman, A.B., University of Florida, 1956
Dolores Hughes, A.B., Indiana University, 1955
Dorothy Foster Shuford, A.B., 1955
Tadashi Tsushima, A.B., Kyoto University, 1949

In Social Sciences

Gaylord Farley Hatch, B.S., 1957
Cyrus Edwin Johnson, B.S., 1956
Judith Theresa Pelzmann, A.B., 1958
1959] UNIVERSITY OF ILLINOIS

In Sociology

JOHN RAY STRATTON, A.B., 1957

In Spanish

DANIEL ROSS REEDY, B.S., Eastern Illinois University, 1957

In Speech

KATHERINE MARIE ETTLA, A.B., Augustana College, 1955
NORMAN JERALD MYERS, A.B., Hiram College, 1957

In Teaching of Social Studies

RUSSELL KEITH CORLEY, B.S., 1955
RICHARD JOHN MUELLER, A.B., 1953

Degree of Master of Science

In Accountancy

WILLIAM EUGENE COLE, B.S., Oklahoma State University, 1957
NICHOLAS DOPUCH, B.S., Indiana State Teachers College, 1957
DAVID SEICHIRO KAWAKAMI, B.S., Kansas State Teachers College (Pittsburg), 1957
GEORGE CLARENCE MEAD, B.S., 1957
PRASIT RATANASATHIAN, B.Com., Higher Dipl. (Accy.), University of Thammasat, 1952, 1953

In Aeronautical Engineering

PAUL CHARLES DEUTSCHLE, B.S., 1957
JOHN ALBERT NUTANT, B.S., University of Notre Dame, 1956

In Agricultural Economics

ALAN EUGENE HOLZ, B.S., 1957
CHARLES GEORGE MORGED, B.S., 1954
JAMES ELMER ROSS, B.S., 1953, 1953
WILLIAM ANSEL TOMPKINS, B.S., 1954

In Agricultural Education

CLYDE FIFE, JR., B.S., 1954
CARL LESLIE GOWLER, B.S., 1953
CLARK EDWIN MORRIS, B.S., 1958

In Agronomy

GALE V HAROLD, B.S., Kansas State College of Agriculture and Applied Science, 1958
MAX EDWARD MAACHELE, B.S., Michigan State University, 1957
HARRY LEE MOTTO, B.S., Purdue University, 1957
LAXMAN SINGH, B.S., M.S., Agra University, 1954, 1956
JAMES BYRON SWAN, B.S., 1955
CHARLES JOSEPH WARGEL, B.S., 1957
PHILLIP WAYNE WATKINS, B.S., University of Tennessee, 1956

In Animal Science

JOHN PHILLIP ALDRED, B.S., Purdue University, 1957
OM PRATAP SINGH SENGAR, B.S., M.S., M.S., Agra University, 1948, 1950, 1957
JOHN DAVID STOBART, B.S., University of Natala, 1957

In Biological Sciences

EDMUND ARTHUR RICHARDS, B.S., Purdue University, 1957

In Botany

ANTHONY EUGENE LIBERTA, A.B., Knox College, 1955
FRANCIS AUGUST UECKER, B.S., Quincy College, 1956
In Ceramic Engineering

Clifton George Bergeron, B.S., 1950
Robert Day Shannon, Jr., B.S., 1957

In Chemical Engineering

Anthony Stephen Balchan, B.S., Columbia University, 1957
Arthur Lindley Edwards, B.S., University of Washington, 1954
Douglas Robert Stephens, B.S., University of Washington, 1957

In Chemistry

Jen Chiu, B.S., National Hunan University, 1946
Robert Paul Clark, B.S., University of Michigan, 1957
Donald Robert Dickerson, B.S., 1950
Melvin Myron Goldstein, A.B., Northwestern University, 1956
William Ernest Groves, B.S., Southern Methodist University, 1957
Ronald Orlando Ragsdale, B.S., Brigham Young University, 1957
David Ray Rhodes, A.B., Friends University, 1957
Frank Thomas Sanderson, B.S., University of Delaware, 1954

In City Planning

William Lamont, Jr., A.B., University of Colorado, 1956

In Civil Engineering

Morris Allan Bohn, B.S., Queen's University (Canada), 1957
Joseph Francis Castro, B.S., University of Rhode Island, 1951
Chunduri Venkata Chelepati, B.Eng., Andhra University, 1954
Kuen-Piu Chiang, B.S., National Taiwan University, 1956
Roger Peter Cotturier, B.S., University of Saskatchewan, 1954
Melvin Israel Esrig, B.B.A., College of the City of New York, 1951; B.C.E., Polytechnic Institute of Brooklyn, 1954
Wallace Emory Fluhr, B.S., University of Kentucky, 1954
Donald Duane Gabe, B.S., North Dakota State Agricultural College, 1943
Neil Middleton Hawkins, B.Eng., University of Sydney, 1957
Floyd Henry Henk, B.S., Agricultural and Mechanical College of Texas, 1950
James Nelson Hicks, Jr., B.S., United States Naval Academy, 1954
Bradley John Honholt, B.S., United States Military Academy, 1954
Halicewwierhalli Srinivasa Iyengar, B.Eng., University of Mysore, 1956
Harlan Warren Johnson, B.S., United States Military Academy, 1951
Wynn Eugene Kampe, B.S., University of Washington, 1954
Delbert Fred Karmeier, B.S., 1957
Norman George Kouba, B.S., 1955
John Henry Lamb, Jr., B.S., 1956
Daniel Lewis Lycan, B.S., Massachusetts Institute of Technology, 1952
George Joseph Malina, B.S., 1958
Don Stuart McCoy, B.S., University of Wisconsin, 1953
James Robert McKnight, B.S., Lehigh University, 1953
Felix Jose Mila, Civil Engr., University of the Republic (Uruguay), 1955
Chhotubhai Bhikhabhai Patel, B.Eng., Gujarat University, 1956
Rangsi Ratnaprakarn, B.S., Chulalongkorn University, 1957
Jaswant Singh Sachdev, B.S., Chulalongkorn University, 1957
Russell Earl Schofield, B.C.E., Polytechnic Institute of Brooklyn, 1957
James Harrison Schooler, B.S., 1958
Henry Carl Schrader, B.S., 1940
Dogan nur Subaykan, B.S., Robert College, 1957
John Toman, B.S., United States Military Academy, 1953
Floyd Donald Wright, B.C.E., Clemson Agricultural College, 1950; M.S., Montana State College, 1957

In Dairy Science

A. Ramamohana Rao, B.V.Sc., University of Madras, 1956
In Dairy Technology
Ashok Sekhar Ganguly, B.S., University of Bombay, 1956

In Electrical Engineering
Thycodam Varkkey George, B.S., University of Madras, 1956
Chien Chang Huang, B.S., Taiwan Provincial Cheng Kung University, 1953
Gerald William Mahoney, B.S., University of Notre Dame, 1957
Roy James Marquedant, B.S., 1958
John Lewis Overbey, B.S., 1955
Jack Wayne Puariea, B.S., 1958
Neil Ernest Wiseman, B.S., Queen Mary College, 1957
Charles Willis Wolfe, B.S., 1958

In Entomology
Mohammad Abdullah, B.S., University of Allahabad, 1954; M.S., Muslim University, 1956
Charles David LeSar, A.B., Southern Illinois University, 1957
Zile Singh, B.S., University of Delhi, 1951; M.S., Punjab University, 1955

In Finance
Edward Anthony Salerno, B.S., Loyola University, 1954

In Geology
Walter Raymond Lundwall, B.S., Bowling Green State University, 1955
Jackie Delaine McGregor, B.S., 1955
Russel Allen Peppers, B.S., 1957
Billy Reynolds Toy, A.B., Berea College, 1957

In Home Economics
Jean Louise Dietemann, B.S., 1955
Delores Ann Hickman, B.S., 1955
Rita Helen McGregor, B.S., University of Alberta, 1955

In Home Economics Education
Alice Mieko Yamamoto, B.S., Stout State College, 1938

In Journalism
Franklin Benjamin Smith, A.B., Stetson University, 1955
Campbell Bonner Titchener, A.B., Ohio State University, 1951; B.Mus., 1955

In Library Science
Rossie Brower Caldwell, A.B., Claflin University, 1937; M.S., South Carolina State College, 1952
Tri Bonnie Creel, A.B., Sacramento State College, 1956
Frances Ilene Douglas, B.S., Illinois State Normal University, 1951
Henrietta Arnold Grant, B.S., Knoxville College, 1957
Robert Benjamin Kirchgraber, A.B., University of Portland, 1941
Martha Landis, A.B., 1957
George Bie Liu, A.B., Fresno State College, 1950; A.M., 1953
Melvin Lonnette McKinney, A.B., Tougaloo College, 1957
Edith Augusta Ohlson, A.B., Augustana College, 1948
Beverly Mae Pfieffer, B.S., North Dakota Agricultural College, 1957
Melissa Augusta Ritter, B.S., Illinois State Normal University, 1955
Lucy Volpigno Salvatore, A.B., Brown University, 1943
Devendra Nath Sharma, A.B., A.M., University of Lucknow, 1953, 1956
Florence Maureen Sheckman, A.B., 1957
Reginald Seberatnam Thambiah, A.B., A.M., University of Madras, 1953, 1955
Marqua Elizabeth Weathers, A.B., Southwest Missouri State College, 1944
BOARD OF TRUSTEES

[February 19

**In Management**

JAN JORGBOET, Civil Engr., University of Gent, 1957
ROBERT FAST JORGENSEN, B.S., 1954
LESLIE LLOYD DONALD SHAFFER, A.B., University of California (Berkeley), 1935

**In Marketing**

FRANK JOHNSON, B.S., University of Utah, 1955

**In Mathematics**

DOROTHY ANN BOLLMAN, B.S., Eastern Illinois University, 1957
HENRY FRANDSEN, B.S., 1957
DAVID WILLIAM HUTCHINSON, B.S., 1956
GARY KRISTIAN LEAF, B.S., 1957
UGNY STANLEY NAKEILIS, B.S., Illinois Institute of Technology, 1957
JINGYAL PAK, B.S., Kent State University, 1956
JOSEPH ALEXANDER PETERS, B.S., St. Joseph's College, 1953
MYRNA HELEN PIKE, A.B., Cornell University, 1957
FREDERICK WILLIAM SEUBERT, A.B., Washington University, 1952
HSUE CHONG TUNG, M.S., Oklahoma Agricultural and Mechanical College, 1955

**In Mechanical Engineering**

WILLIAM HENRY BARDESS, B.S., 1957
EDWARD JOSEPH BROWN, B.S., 1954
FAN YU CHEN, B.S., National Taiwan University, 1954
TSE-MIN FU, B.S., National Taiwan University, 1954
YONG SHIK HONG, B.S., Seoul National University, 1955
PHILIP EARL LAMBIN, B.S., 1957
HIRO MOTO RAM MANSUKHANI, B.S., University of Oklahoma, 1956
HENRY GEORGE MITCHELL, Dipl., National College Heating and Ventilating, (England), 1954
DANANJAY RAMBHAI PATEL, B.Eng., University of Baroda, 1956
ROBERT ALLAN WHITE, B.S., 1957

**In Metallurgical Engineering**

DONALD HERBERT BOONE, B.S., 1957
JAMES RICHARD COST, B.S., University of Wisconsin, 1951
KINKAR PROSO GUPTA, B.Eng., University of Calcutta, 1955
DON HENDERSON KILLPATRICK, B.S., 1956
N. S. SUNDARA RAJAN, B.S., (Hons.), M.S., University of Mysore, 1941, 1949, 1951

**In Mining Engineering**

JAMES MANSFIELD CLEARY, Jr., B.S., 1953

**In Music Education**

GERALD ERICK ANDERSON, B.S., 1957
ARDEN SMITH HUBBARD, A.B., Agnes Scott College, 1957
HOWARD LAVERNE SANDLUND, B.S., 1956

**In Physical Education**

KENNETH RALPH McGINGLE, B.S., University of Minnesota, 1952

**In Physics**

WILLIAM GENE ANSLEY, B.S., University of Toledo, 1954
ANGELO BARDASIS, A.B., Cornell University, 1957
JAMES EDMOND BART, B.S., 1957
WALTER BAUER, A.B., University of California, 1957
ROBERT RAYMOND BEASLEY, B.S., Idaho State College, 1955
BARRY LOUIS BERMANT, A.B., Harvard College, 1957
In Physiology

Roger Anthony Gorski, B.S., 1957

In Plant Pathology

Jerold Ward Bushong, A.B., Miami University, 1957

In Radio and Television

Robert Edward Henley, B.S., Southern Illinois University, 1954

In Sanitary Engineering

Vithya Pienvichitr, B.S., Chulalongkorn University, 1956

In Speech Correction

Charles Thomas Hashbarger, B.S., Eastern Illinois University, 1954

In the Teaching of Biological Sciences and General Science

Aphrodite Konstans Bils, B.S., 1954

In the Teaching of Chemistry

Gordon Orvil Brown, A.B., Colorado State College, 1946

In Theoretical and Applied Mechanics

John Remmers Ross, B.S., 1950

Robert Earl Woods, B.S., 1958

In Veterinary Medical Science

Sohan Prasad Saxena, B.S., Agra University, 1943; Dipl., Bombay Veterinary College, 1948

Degree of Master of Music

Emory Moore Fanning, B.Mus., Oberlin College, 1957

Robert Park Manookin, A.B., Brigham Young University, 1955

Ann Louise Brainerd Nadeau, B.Mus., Oberlin College, 1956

John Theodore Procházka, B.Mus., 1957

Degree of Master of Education

Vance Junior Ahlf, B.S., 1942

Max Joseph Aubuchon, B.S., 1952
BOARD OF TRUSTEES

NEVILYN YVONNE NELSON BALATY, B.S., 1952
PAUL FRANKLIN BARTEL, B.S., 1951
LORALICE JUNE BLAKELEY, B.S., Illinois State Normal University, 1953
MAGGIE HAINLINE BLYTHE, B.S., Greenville College, 1954
OLEN EUGENE BROWN, B.S., Eastern Illinois University, 1952
JAMES JOHN BUTLER, Jr., B.Ed., Chicago Teachers College, 1958
DAVID KEITH CARLTON, A.B., Asbury College, 1954
RICHARD KEITH CHERRY, B.S., 1950
SHIAO-YING CHIANG, A.B., Taiwan Normal University, 1957
DORIS KAISER CORDES, B.S., Northern Illinois University, 1956
STEPHEN HEYWORTH CROSS, B.S., 1951
LEONA BRANDON DOLLISON, B.S., Lincoln University, 1955
RAY HUGH EDWARDS, B.S., Southern Illinois University, 1954
AUDREY ANN NEUMANN ERNEST, B.S., 1952
JOHN CLARK ESAREY, B.S., 1954
DOROTHY SCHENCK FITCH, B.S., 1931
DOLLIE WALTER GALLAGHER, B.S., Eastern Illinois University, 1955
NORMAN STANLEY GILBERT, B.S., Northern Illinois University, 1954
DOROTHY KATHRYNE HALL, A.B., Augustana College, 1943
MARIAN HAZEN HALL, B.S., 1946
SAMUEL FRED HICKS, A.B., Southern Illinois University, 1956
ANTONY JOSEPH IXXIS, B.S., Millikin University, 1952
WALTER KENICHI KONISHI, A.B., University of Hawaii, 1954
LOUELLA JOHNSON LAMB, B.S., Eastern Illinois University, 1953
ROBERT LELAND LINDSEY, B.S., Illinois State Normal University, 1949
SHIRLEY ANN LUND, B.S., University of Minnesota, 1946
DONALD MITCHELL MAY, B.S., 1958
NORMA JEAN SWANSON MCKIE, B.S., Illinois State Normal University, 1953
ELLIOTT DELAIS MCKINNEY, A.B., Agricultural, Mechanical, and Normal College
(Arkansas), 1952
HERSCHEL JAMES MCPHERON, B.Ed., Eastern Illinois University, 1947; B.S., 1953
LOUIS JOSEPH NACHBAUER, A.B., Augustana College, 1952
TOLLEF OWEN NASBY, B.S., Iowa State College, 1950
LELIE MAE NEWMAN, B.S., Eastern Illinois University, 1955
RUTH ELIZABETH NICOLI, A.B., Coe College, 1951
DOLORE NUGENT, B.S., Butler University, 1935
PENSIT POTRINDA, B.S., Stout State College, 1958
SHIRLEY ANN RUHAN PUARIEA, B.S., University of Wisconsin, 1953
EDITH LOUISE HARTMAN SHAEFFER, B.S., 1953
DONALD FREDERICK SCHARFENBERG, B.S., Northern Illinois University, 1956
LESLIE GEORGE SHADEL, Jr., B.S., 1954
MILDRED WASHINGTON SPRUILL, A.B., Stowe Teachers College, 1952
LAZELIS EPPLE STEIM, A.B., Shurtleff College, 1953
CAROL LOCKREM SYKES, B.S., Illinois State Normal University, 1956
THEODORE LARRY VERNECK, B.S., Northeast Missouri State Teachers College, 1950
SAMUEL WORLEY WEGMAN, B.S., 1955
DORIS MOODY WERRIES, B.S., Illinois State Normal University, 1957
MARTIN C. WHELAN, B.S., Northwest Missouri State College, 1952
JEANE T. WINKLER, B.S., Eastern Illinois University, 1951
SUSAN BROWN WOLFE, B.S., 1955
ERMA ZELLA WORTHEY, A.B., Shurtleff College, 1953

Degree of Master of Fine Arts
JOHN WILFRED MCIVOR, B.F.A., 1957

Degree of Master of Laws
BERNITA JEWELL DAVIES, A.B., LL.B., B.S., 1924, 1928, 1932

Degree of Master of Architecture
WILLIAM HILDEBRAND ALINGTON, B.Arch., University of New Zealand, 1956
Degree of Master of Television
FRANCIS LAWRENCE KELLY, B.Dram.A., DePaul University, 1954

Advanced Certificate
In Education
JAMES RUSSELL CHANGNON, B.S., M.S., 1947, 1951
JOHN THEODORE WEYRAUCH, A.B., Beloit College, 1949; A.M., 1952

COLLEGE OF AGRICULTURE
Degree of Bachelor of Science
In Agriculture

RICHARD BYRON BAIRD
CHARLES ARTHUR BALLARD
RITCHIE G. BARNETT, High Honors
LEE HENRY BRIDGMAN
CARL ALBERT BUDELSKEY
JOHN ROBERT BURKHARDT
FREDERICK EDISON BUTKON, JR.
RICHARD HAMLIN CONDREY
ROBERT ED COOTS
CLARENCE OLIVER DAVIS, High Honors
RICHARD WAYNE DICKSON
THOMAS EUGENE FENTON, High Honors
JAY TERRY FITTS
ARNOLD ARTHUR GALLOWAY, Honors
CARLYLE S. GREATHOUSE
DONALD EUGENE GUSTAVESON
CHARLES EDWARD HEATHMAN, Honors
JAMES LAWRENCE HOGAN, JR.
HENRY FROST HOOKER
WILLARD FREDRICK LENSCHOW

DONALD PAUL LINDSHIELD
CHARLES CLINT LUKER
WARREN HALL MACLIN
ROBERT MARLAND MARSHALL
JOHN ROBERT McCARTHY
WILLIAM OLIVER McILRATH
DANIEL CHARLES MINER
RONALD HONCE MOHR
MELVIN LOUIS PEASLEY
DON WILLARD SARGENT
FERNAN WAYNE SIMS
EARL HENRY SONNEMAKER
DAVID JEROME STEIN
JERRY HERMAN STOLLER, Honors
ALFRED GERALD TURLEY
GAYLORD WAYNE WEAVER
DONALD RANCE WEEMS
LARRY LEE WEST
WILLIAM LOUIS WISSMILLER

In Dairy Technology

RICHARD AUGUST KURZ
JOSEPH ALBERT OHREN

In Food Technology

JOHN ALLEN MERBoth

In Home Economics

MERILYN ANN BEVER, Honors
BEVERLY JEAN BLACKSHER
JOAN DROY
KAY SYLVIA KIBLER
GLORIA ROSE KRASHER
GLENDA MARIE LANDERS
KATHLYN ELAINE LAWRENCE

NORMA LEAH MONTAVON
MARY KATHLEEN RAFFERTY
KATHLEEN ANN REDINGTON
HELEN DOLORES REED
MARY FRANCES ROBSON
FREDETTE JO-ANN STIERNBERG

In Home Economics Education

MARY LOU SPENCER BAIRD
JANE COLE
MARY LOU DOYLE, Honors

SUSAN JEAN KAHL, High Honors
SYLVIA JANE WINELAND, High Honors

COLLEGE OF ENGINEERING
Degree of Bachelor of Science
In Aeronautical Engineering

THOMAS CHARLES BOREN
CARLOS HERNÁN BUTRAGO RUIZ

DONALD ALAN CORBETT
RONALD JOSEPH DELISMON
<table>
<thead>
<tr>
<th>Name</th>
<th>Honors</th>
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<tbody>
<tr>
<td>THOMAS JOHN DZIUBALA</td>
<td>ROGER ALEXANDER JOHNSTON</td>
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<tr>
<td>ROBERT WILLARD FARQUHAR</td>
<td>CHRIS ALVIN KIPPER</td>
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<td>ANTON DONALD FRANCIS</td>
<td>DONALD LEE MUSHOLT</td>
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<td>WARREN DALE FOLKERNSON</td>
<td>DONALD VALENTINE MUTH</td>
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<td>THOMAS ANTHONY NAHNSEN</td>
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<td>DONALD THOMAS GORDON</td>
<td>THOMAS FRANCIS SHANAHAN</td>
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<tr>
<td>GARY GILBERT Graby</td>
<td>ROBERT EUGENE SKARSHAUG</td>
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<tr>
<td>RONALD CARL Hank</td>
<td>DONALD DEANE TEAM</td>
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<td>RICHARD JOHN Hill</td>
<td>GENE JUNIOR TIEZZI</td>
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<td>RONALD CHARLES Hupe</td>
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**In Agricultural Engineering**

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<tr>
<td>HENRY JACOB AUCHSTETTER</td>
<td>ROBERT LEROY McNABB</td>
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<tr>
<td>JOHN ARTHUR CHAPMAN</td>
<td>DONALD LEO SMITH, Honors</td>
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<td>DAVID CURTIS JOHNSON</td>
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**In Ceramic Engineering**

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<tbody>
<tr>
<td>GEORGE ARTHUR BOWMAN</td>
<td>BILLY RAY TOLLIVER, Honors</td>
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**In Civil Engineering**

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<tr>
<td>JAMES BURTON ALLISON</td>
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<td>CLAUDE IRVING ATTENZERBERRY</td>
<td>GEORGE THOMAS KOLAR</td>
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<td>ALBERT FRANCIS BAILEY</td>
<td>BYRON ARMIN MARKS, High Honors</td>
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<td>FREDERICK WILLIAM BARTLESMeyer</td>
<td>LAWRENCE JOHN MILOSHIEWSKI</td>
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<td>ALAN FRANCIS Bobka</td>
<td>JOHN COWSERT MOORE</td>
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<td>DAVID ROGER Carrier</td>
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<td>WILLIAM CHARLES Dolezal</td>
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<tr>
<td>JAIN Swarup Jain</td>
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**In Electrical Engineering**

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<tr>
<td>WILIAM THEODORE Adelman, Jr.</td>
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<td>LAWRENCE William Amiot</td>
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<td>JOHN David Baker, Jr.</td>
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<td>VILMARS Beinikis</td>
<td>JAMES BERNARD GERARD, High Honors</td>
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<tr>
<td>JOSEPH Bertoglio</td>
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<td>WILLIAM Francis Butler, Honors</td>
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<td>William Robert Jacobs</td>
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<td>Wilhelm Frederic Zantow</td>
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<td>Lionel Charles Rippie</td>
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### In Engineering Physics

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<td>Richard Keith Ahrenkiel, Honors</td>
<td>Warren Lee Malone</td>
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<td>Michael Jasper Campo</td>
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<td>Joseph Carl Hafele, High Honors</td>
<td>David Flornes Techentin</td>
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<td>Marvin Leo Harding</td>
<td>Kyaw Mya Thein</td>
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<td>William Ray Mallory, High Honors</td>
<td>Robert Harry Willson</td>
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### In General Engineering

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<td>Charles Fredrick Curry</td>
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### In Industrial Engineering

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<td>Albert Cornelius Adlfinger</td>
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<td>Lyle Eugene King, Honors</td>
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### In Mechanical Engineering

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<tr>
<td>David John Ahner, Jr.</td>
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<td>Philip Eugene Bowen</td>
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<td>Fred Carl Bahr, Jr.</td>
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LARRY DEAN COOKSEY
DANIEL EDWARD CZERNIK, Honors
CECIL VERNON DEAN
GEORGE ROBERT DEARBORN
EDWARD PETER DE SMET
RONALD LEE DAVAISHER
MILTON LESTER DIEDRICK
WILLIAM THOMAS DONOHUE
WILLIAM LUTHER DRURY
DAN ALAN DUEWELL
STANLEY EUGENE DYBCZAK
GUY SHERMAN FORNEY
JOHN GRAHAM FREEBERG
WILLIAM DUDLEY GABBARD, High Honors
BILL ANTHONY GREENWELL
RICHARD SETH GRIFFITH
WILLIAM THOMAS HABENICHT
RICHARD MILTON HART
DONALD FRANCIS HELFER
ROBERT HAROUN Hommel
Boris WESYL HRYEKWICZ
WARREN NORBERT JENSEN
NICHOLAS ANTHONY JEROVICH
EMERY RICHARD JOHNSON
MILTON ARTHUR KLAYUM
DONALD ARTHUR KLOKKENGA
JOHN EDWARD KOCH
LOREN LOUIS KRUEGER
DONALD ROGER KUEHL
ROBERT LEROY LENZ
CHARLES OVAL LEWIS

RICHARD FRANK MARTIN
RICHARD EDWARD MAXWELL
FRED LEON MILLER
JAMA MORALES
JOHN DAVIDSON MORAN
JERRY EUGENE MORGAN
JOHN ROMANO NUTINI
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EDWIN MELVYN HORAK
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JAMES RAYMOND YANCik

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JOHN ANTHONY PASTOREK
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BOARD OF TRUSTEES

[February 19

GLENANDA MOUGIN HUTSON
CAROLYN FRY KITCHEN
ENID CLAIRE KOSBIE
PATRICIA ANN LINK
ELAINE ETHEL MARCUS
RUTH MEDWEDOWSKY
WILLIAM ANTHONY MELVIN
DIANE LUCILLE NASIATKA, Honors

DELORES ANN POWDER
ANITA GECEL SAUERWEIN
CAROL VIRGINIA SCHAACK
DIANE SCHWARTZ SELENS, Honors
FRANCES BOSTWICK STEVENS, Highest
HOUSORS
JOYCE ELAINE TUNIK, High Honors
NANCY JOAN TYNER

In Industrial Education

LOUIS MICHAEL CONN
CHARLES TOSHIHARU IWAI

HARRY MARTIN PEIFER, JR.
EDWARD ADAM POLOMSKI

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

JAMES RICHARD ALLINGTON
PAUL DUANE BOLLIGER
ROBERT EMMET DUNWORTH
JOHN ROBERT FIELDS
MICHAEL EDWARD FOX, High Honors
BERNARD BENJAMIN FRUCHTER, Honors
MILAN GNATOVICH
WILLIAM ARTHUR GRAY
BUREN THOMAS HAYNES
WILLIAM ROLAND HINKLE
CARL EDWARD JOHNSON, Jr.
HENRIKAS LAUCIUS
ARTHUR NEAL LAUM<l>
CHARLES EDWIN LEVERICH
JOHN EDWARD Lively

BILL GENE MACK
JOHN KENT McCORD
GENE ALLEN McGRaw
ROBERT PAUL MINTZ
THOMAS EDWARD PETERSON
DANIEL BERTRAM RODGERS
DONALD ARTHUR SMITH
PHILIP SMITH
ROBERT ARNOLD SPREAZT
RAYMOND DANIEL STURM
DONALD JOHN TODD
THOMAS HARRY VARNER
BRUCE BOYD WIEMER
ARL<AN DEAN WILLOCK
JAMES FREDERICH YAHINKE

In Accountancy and Management

DONALD EDMUND GURNEA

In Commerce and Law

HOWARD IRA BASS
THOMAS MICHAEL LAMKIN

GARY JOSEPH LEONARDO

In Commercial Teaching

DORIS MARIE CARLBERG
SHIRLEY DELORES DEAN

SARAH ANN ROBINSON

In Economics

THOMAS PATRICK GALLAGHER
WAYNE JEROL HUBBERT
JOHN LASSER, Jr.
WILLIAM ROBERT LAUTER
WILLIAM GENE McCORD

ROBERT EUGENE MCKENZIE
BERNARD LEE NOVEMBER
RICHARD LEON SARGENT
JAMES PATRICK SAVAGE, Jr.

In Finance

ANTOINE JEAN ARNAUDY
GEORGE RICHARD BROKEMOND
DONALD GERARDE BUECHE
CHARLES DAHNCKE, Jr.
DAVID ANTHONY DAILEIDEN, Honors
ERNEST DONALD DlMONTE, Jr.
JEROME JOSEPH GINSBURG

WILLIAM HERBERT KESTAS
RICHARD DOUGLAS KOELLER
JOHN HAMILTON LEE
ROBERT CHARLES O'CONNELL
LARRY POLLOCK
HOWARD FRED SAUERMAN
UNIVERSITY OF ILLINOIS

In Industrial Administration

JOHN ANTHONY FURNO
GERALD EDWARD JOHNSON

In Management

RONALD KENT AHRENS
HERBERT SAUL BADAL
EDWARD FRANCIS BAGDONAS
JAMES WILLIAM BARKWILL
BRUCE MCCAW BAXTER
ROBERT PAYNE BENSON
ANDREW LAWRENCE BUCH
ARTHUR FRANCIS CALLAHAN
THOMAS DOCKLER CLARIDGE
ROBERT WILLIAM DENOMY
JOHN CHARLES DIBBLE
GEORGE PETER FATTA
SAMUEL HOPE FRANK
ALAN EUGENE FRAZELLE
FRANKLIN THOMAS GURNEY
KENNETH LEROY HALLBERG
JACK WAYNE HENDRYX

In Marketing

ROBERT FRANKLIN ANDERSON
SILVIO JOSEPH ARGENTIN
JOHN JOSEPH BOWES
JAMES WAYNE BRYANT
RICHARD JAMES COSTIN
ALFRED JOSEPH DWUAL
JOHN REAVES EVANS
FREDRIC SIDNEY FREARK
JOHN THOMAS FUHRMAN
BURTON FRANK GRANT
ROBERT ROLAND GUY
HENRY BERTON HOUSS II
CHARLES EDWARD IVEY

In Secretarial Training

EVELYN SAAM CARLSON

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Journalism

NEIL ROBERTS ARENDS
RICHARD GARWOOD BATTLES
JUDITH ROYCE BELT
KENNETH LEE BROWN
ALFRED SIDNEY CHIPRIN
CHARLES WALTER CHUDEK
EDWARD EWING DELONG III
JIM FRANK DE MUNNO
SHIRLEY OGDEN EARNST
DONALD ELWOOD FLYTE
ELLSWORTH BERTRAND FRANKSON
ERNST CHARLES HUMPHREY
RONALD STEWART KAISER
DANIEL CLYDE KIBBIE
MARTHA ALLAN LIPSON
PATRICIA MASAKO MATSUMOTO
MARGARET ANNE MCCARTHY

EDWARD THOMAS MCNAMARA, HONORS
HELEN MARY MILECKI
RICHARD DOWELL MILLS
JOANNE MITCHELL
MARGARET JOAN MOOTS
NILS NORMAN PEDERSEN
JERRY POLLACK
PAULINE JEANETTE QUINCE
RALPH CARROLL RENO, JR.
RONDAL DEAN SCHAFER
RICHARD KENNETH SMITH
NORMAN SNITOVSKY
CHARLES GEORGE SOTIR
CAROL JEAN TRACHTENBERG
WAYNE HOOSE WEBER, JR.
GERALD HOWARD WINNICK
COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

HIROSHI ABE
DALE RAY BIRCH
CLARK FOREST BUTTS, High Honors
ARTURO CERMELLI
SAIPOOK CHAN
DANIEL BARNEY CZEKANSKI
ROBERT BERNARD DREWS
THOMAS EDWARD FENNEL, JR.
CURTIS EDWARD FLANNERY
DONALD LEE FORE
SHERMAN GEBER
DAVID WILLIAM GILLETTE
THOMAS DAVID GREEN, Honors
DONALD FRED GRONET
MICHAEL KENNETH HOFFNER
ROBERT YUAN CHUN HSUING, Highest Honors
THOMAS IRVIN HUMES
NORMAN TAKAO ISHIKAWA
DONALD KARL JOHNSON
MOOJAN KHADEMNEH
WALTER LESTER KRATZ, High Honors

MARIO ROY LA MENDOLA
OSCAR EMIL LEBENFROST
THEODORE LEONARD MULARZ
FREDERICK DAVID NEILSON
JACK EDMUND OLSEN
WARREN GUY OLSEN
JOHN KARL PAULSON
ROBERT LITTELL PAYNTER, High Honors

GEORGE HOWARD PEABODY, JR.
ROBERT LEE PECINICK, Honors
PHILLIP NEALE PERRY
THOMAS HENRY PLUNKETT
BETTY JANE RITTER
MICHAEL LEE ROSEN
CHARLES BRADLEY RUSSELL
JOHN FREDRICK SWINDELL
ANDREW MICHAEL TOTH
CHARLES PHILIP VERMEYEN
RAY BRADLEY WEISENBURGER
FORREST DUANE WENTS
RICHARD ANTON WESTERGREN

Degree of Bachelor of Fine Arts

In Advertising Design

RICHARD BRUCE HUBERT
FRANCES SACHIE IGE
LOIS HOUSER LIVELY

FRANK ROBERT LOUIS
CHARLES RICHARD VERRET

In Art Education

BETTE ADELE AIMOONE

SHARON KATHRYN MCNERNY

In Industrial Design

CHARLES JOHN BEDNAR
JOHN LYLE BERMANN
ROBERT ALEX BUTKUS
JOHN PETER CHALLAS
JACK MENDELSON
ROBERT JOHN MUELLER
STANLEY PHILLIP NASH

CARL OLIVER SCHLINGER
JANICE ROETH SCHUETZE
BERWYN EUGENE SHANE
EDWARD STANLEY SIPOWICZ
GEORGE RONALD SONNENLEITEN
RICHARD KENNETH THOMAS
DONALD GORDON WOLFE

Degree of Bachelor of Music

PATRICK WINCHESTER COLLINS, Honors
THOMAS LEE GAUGER

CAROLYN JOYCE MITCHELL
RALPH FRED PAHLLOW

Degree of Bachelor of Science

In City Planning

RUDOLF BERNART HABEN

In Music Education

JOHN DENIS BRAHMS, Honors
MARIANNE IVEY, Honors
BARBARA JOAN KILBURN
FRANK LICHTENSTEIN, Honors
CLARETTA LAPPERTY METZGER, High Honors
DANLEE GEORGE MITCHELL, Highest Honors
WILLIAM WARREN OLSON

JEAN NICOLETTE RAYMOND
MARJORIE ALICE ROBERTSON, Highest Honors
PETER FRANK SCHUETZ, High Honors
PAULA LEE SILVERMAN
ANN MILICENT WIDEROE, High Honors
EDMUND CHESTER WILLIAMS, Honors
PHILLIP WAYNE WINTERGERST
EUGENE LEON YINLING
UNIVERSITY OF ILLINOIS

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

LLOYD ARTHUR ATWELL
JUDITH MAE BAYER
MILDA ELEONOR BRENCIUS
LAWRENCE GEORGE Breyfogle
ALBERT FREDERICK CAMPBELL, JR.
ROBERT FRANCIS DELANEY
DALE HOMER FLACH
SARAH GIPSON, HONORS
MARGARET HOLTON HYDEN
MARSHA KAIN
DONALD KARAMITSO
MITCHELL McBRIDE

WAYNE EARL McGEE
LARRY JON MEYERS
CHARLES ERNEST RAMSER
LINDA DUNCANSON KENKES, HONORS
WESLEY ELMER SELLS
RONALD FRED SPAMER
HERBERT EDGAR TELLFORS
JEROME JAMES VIZEK
JOHN FRANCIS VOYDA
MICHAEL WILEY WALTERS
HARVEY WALLACE WELTMAN
DANIEL RAYMOND WILE

In Recreation

SAMUEL EUGENE HILL
JAMES WILLIAM HLAVACEK

MARYHELEN CECILIA RYAN
JEAN MARIE SUMRALL

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

DABRELL EUGENE BURCHAM
HARRY PAUL COCHRAN
CHARLES EDWARD CONNORS
EUGENE ANTHONY COSTABILE
JERRY IVAN DODDS
PAUL ANTHONY DRISCOLL
ERNEST FRANCIS DYNDIA
HENRY LA MAR Eaton
GERALD ALLEN FEHD
EDWARD FREDERICK FREDERICK
THOMAS MICHAEL GARDNER
JACK HARLAN GERMAINE
JOHN WILES GORDON
DONALD MAURICE GREENLEE
KENNETH WAYNE HELMICH
DON THOMAS HODGSON
RICHARD EARL HOHL
CARL FOREST HOOVER
RONALD CARL JESS
BRUCE ROBERT JOHNSON
ROSS ALAN KINGSERY

JAMES WILLIAM LEISTER
FRANK JOHN LUCE
ROY MARVIN MANNIN
ROBERT EMMIT MATTHEWS
CALDWELL DONALD MEYERS
JAMES EDWARD MOORE
WILLIAM GORDON MOREZ
ARTHUR JAMES MORGAN
WAYNE JESSE PAINTER
ROBERT EDWARD PETERS
BILLY GENE PINKSTAFF
VICTOR LAWRENCE PITON
FREDERICK WILLIAM PRATT
ROBERT FRANCIS REGAN
NELSON ELBERT ROBERTS
DAVID LYNN SCHRUT
LYLE EDWARD SYKORA
JOSEPH LOUIS TOMEI
KENNETH LEE YYON BEHREN, HONORS
JESS MAY COVEIN
NOEL BIRELY ZABRISKIE

Degree Conferred at Chicago

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

(Conferred December 20, 1958)

FRED MYRON BAN

APRIL AND MAY BOARD MEETINGS

On motion of Mr. Swain, the Board voted to hold its April meeting in Urbana, on Tuesday, April 14, 1959, at an hour and place to be arranged by the President and Secretary of the Board.
Mr. Herrick suggested that the Board hold one of its spring meetings in Urbana on a Saturday.

On motion of Mr. Swain, the Board voted to hold its May meeting on Saturday, May 16, 1959, at an hour and place to be arranged by the President and Secretary of the Board.

STATEMENTS BY RETIRING TRUSTEES
Mr. Bissell, Mrs. Holt, and Mr. Livingston each made a brief statement expressing pleasure in having served on the Board of Trustees, Mr. Livingston since 1941, Mrs. Holt since 1947, and Mr. Bissell since 1953.

On motion of Mr. Bissell, the Board adjourned.

A. J. Janata
Secretary

Park Livingston
President
The annual meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, at Urbana, Illinois, on Thursday, March 12, 1959, beginning at 12:00 noon.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant Department, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. J. S. Begando, Assistant to the President, Mr. William H. Rice, Administrative Assistant in the President’s Office, Mr. George H. Bargh, Administrative Assistant in the President’s Office; and officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
ELECTION OF TEMPORARY CHAIRMAN
The office of President of the Board of Trustees being vacant, Mr. Wayne A. Johnston nominated Mr. Wirt Herrick as President, Pro Tempore, of the meeting. Mr. Herrick was so elected by acclamation and took the chair.

ELECTION OF OFFICERS
President of the Board
Mr. Herrick called for nominations for the office of President of the Board of Trustees.
Mr. Johnston nominated Mr. Kenney E. Williamson. Mr. Harewood seconded the nomination.
On motion of Mr. Harold Pogue, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Kenney E. Williamson as President, to serve until the next annual meeting of the Board of Trustees in March, 1960, or until his successor shall have been elected and qualified.

Secretary of the Board
Mr. Swain nominated Mr. A. J. Janata as Secretary of the Board. Mr. Hughes seconded the nomination.
On motion of Mr. Johnston, the nominations were closed and Mr. Janata was unanimously elected as Secretary of the Board of Trustees to serve until the next annual meeting in March, 1960, or until his successor shall have been elected and qualified.

Comptroller of the Board
Mr. Herrick nominated Mr. H. O. Farber as Comptroller of the Board.
On motion of Mr. Johnston, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Farber as Comptroller of the Board of Trustees to serve until the next annual meeting in March, 1960, or until his successor shall have been elected and qualified.

Executive Committee
Mr. Pogue nominated Mrs. Frances B. Watkins and Mr. Wayne A. Johnston to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year. Mr. Harewood seconded the nominations.
On motion of Mr. Hughes, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for Mrs. Watkins and Mr. Johnston as members of the Executive Committee of the Board of Trustees to serve until the next annual meeting in March, 1960, or until their successors shall have been elected.

Treasurer of the Board
Mr. Hughes nominated Mr. C. W. Weldon as Treasurer of the Board. Mr. Johnston seconded the nomination.
On motion of Mr. Swain, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Weldon as Treasurer of the Board of Trustees, to serve
until the second Tuesday in March, 1961 (March 14, 1961), or until his successor shall have been elected and qualified, in accordance with the statutory provision of a biennial term for Treasurer.

**TREASURER'S BOND**

On motion of Mr. Herrick, seconded by Mr. Swain, the amount of the Treasurer’s bond was fixed at $6,000,000.

On motion of Mr. Herrick, seconded by Mr. Johnston, the Finance Committee was instructed to see that the Treasurer presents a satisfactory bond in the amount specified above and to report the same to the Board.

**AUTHORITY TO RECEIVE MONEYS**

Mrs. Watkins offered the following resolution and moved its adoption:

> Resolved, That the Treasurer of the Board of Trustees of the University of Illinois be, and he hereby is, authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or the University of Illinois.

This resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Fogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**DELEGATION OF SIGNATURES**

Mr. Johnston offered the following resolution:

> Resolved, That the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to L. M. Dahlenburg and to W. D. Green in Urbana, and to H. A. Hazleton, to W. E. Cowart, and to H. O. Albers in Chicago, and to Edward F. Lis and to Helen Culbertson in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to H. A. Hazleton, to W. E. Cowart, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith in Urbana, and to G. R. Moon, to Helen Wyle, to Lucile Nedwick, and to Velma M. Davis in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board. These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

> Resolved, That the First National Bank of Chicago as a designated depository of C. W. Weldon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation’s name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Kenney E.
Williamson, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, That the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

This resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

STANDING COMMITTEES FOR 1959-60
The President of the Board has appointed the following standing committees of the Board of Trustees to serve during the year 1959-60, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1960.

Agriculture

Mr. Earl M. Hughes, Chairman
Mr. Wirt Herrick
Mr. Harold Pogue

Alumni

Mr. Howard W. Clement, Chairman
Mr. Timothy W. Swain
Mrs. Frances B. Watkins

Athletic Activities

Mr. Wirt Herrick, Chairman
Mr. Richard A. Harewood
Mr. Harold Pogue

Buildings and Grounds

Mr. Harold Pogue, Chairman
Mr. Howard W. Clement
Mr. Richard A. Harewood
Mr. Earl M. Hughes
Mr. Wayne A. Johnston
Mr. Timothy W. Swain

Chicago Departments

Mrs. Frances B. Watkins, Chairman
Mr. Wayne A. Johnston
Mr. Harold Pogue

Finance

Mr. Timothy W. Swain, Chairman
Mr. Wayne A. Johnston
Mrs. Frances B. Watkins

General Policy

Mr. Wayne A. Johnston, Chairman
Mr. Richard A. Harewood
Mr. Harold Pogue
Mr. Timothy W. Swain
Mrs. Frances B. Watkins

Nonacademic Personnel

Also representatives on the
Civil Service Merit Board

Mr. Timothy W. Swain, Chairman
Mr. Wirt Herrick
Mr. Harold Pogue

Patents

Mr. Howard W. Clement, Chairman
Mr. Richard A. Harewood
Mr. Timothy W. Swain

Student Welfare and Activities

Mr. Richard A. Harewood, Chairman
Mr. Earl M. Hughes
Mrs. Frances B. Watkins

University Retirement System

Representatives

Mr. Wirt Herrick
Mr. Earl M. Hughes
Mr. Kenney E. Williamson

NEW TRUSTEES

Mrs. Watkins welcomed the new Trustees, Mr. Howard W. Clement, Mr. Richard A. Harewood, and Mr. Harold Pogue, to the Board, and spoke briefly on the role of the Board of Trustees in the administration of the University of Illinois. Her remarks included the following:
"I would like to say a few words of welcome to the new Trustees who are joining the Board at this meeting today.

"You have before you six very interesting years of work for your University. "Our Board is an unusual one. Although our members are elected in a statewide election on a partisan basis, once they have joined the Board all have become members of one party — the pro-University party.

"With the Board working together for the good of the University, and cooperating with its outstanding administrators like President Henry and with our fine faculty, the University of Illinois has become one of the great universities of this country.

"We hope you will receive a great satisfaction from your part in promoting the continued progress of the University."

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. HARROLD R. ENGLANDER, Assistant Professor of Applied Materia Medica and Therapeutics, College of Dentistry, beginning March 1, 1959, at an annual salary of $11,500 (DY).

2. RAS. R. RAS. MALKIEL, George A. Miller Visiting Professor of Spanish and Italian, beginning September 16, 1959, at an annual salary of $11,000 (E).

3. C. NORTHCOPE PARKINSON, George A. Miller Visiting Professor of History and of Political Science, first semester of 1959-60, at a salary of $6,000 (G).

4. ANDREW G. PASK, Visiting Research Assistant Professor of Electrical Engineering, for six months from March 1, 1959, at a salary of $4,500 (DY).

5. RONALD SINGER, Visiting Associate Professor of Anatomy, beginning September 1, 1959, at an annual salary of $11,730 (DY).

On motion of Mr. Johnston, these appointments were confirmed.

APPOINTMENT OF ASSISTANT DIRECTOR OF ATHLETICS

(2) The Director of Intercollegiate Athletics reports that Mr. Ray Eliot, Associate Professor of Physical Education for Men and Head Football Coach, has requested that he be permitted to give up his duties as Head Football Coach at the close of the 1959 football season so that he may accept appointment as Assistant Director of Athletics at the University of Illinois.

This proposal has been discussed with me by the parties concerned. I concur in the judgment of the Director of Athletics and his Board of Directors that this additional administrative service is much needed in the Department of Intercollegiate Athletics.

It should be noted that the position of Assistant Director is not new at Illinois, and that many athletic departments of other universities have such an administrative position — in fact, some have more than one assistant director. The position of Assistant Director at the University of Illinois has been held in the past by the late Carl L. Lundgren and Walter H. Rosettger but has not been filled since the death of the latter. The increased responsibilities presented by the initiation of new programs, such as grants-in-aid, the increase in public relations contacts, and the day-to-day internal administrative load make it necessary to fill this position.

It is fortunate that the University has a man of Mr. Eliot's professional background and experience, including twenty-two years on the staff, seventeen of them as Head Football Coach, available to fill this position.

On recommendation of the Director of Intercollegiate Athletics, the Board of Directors of the Athletic Association has approved Mr. Eliot's request and has appointed him Assistant Director of Athletics at the University effective January 1, 1960, subject to the concurrence of the Board of Trustees. I join in this recommendation.

A discussion of this recommendation followed its presentation, all the Trustees present participating, with tributes paid to Mr. Eliot for
his services to the University of Illinois as a student, as a member of the faculty, and as Head Football Coach.

On motion of Mr. Herrick, the recommendation was approved.

On motion of Mrs. Watkins, seconded by Mr. Harewood, the Secretary of the Board was requested to send a letter to Mr. Eliot on behalf of the Board of Trustees conveying to him the expressions of appreciation and tributes paid at the meeting.

HEADSHIP OF THE DEPARTMENT OF OPHTHALMOLOGY

(3) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Peter C. Kronfeld, now Professor of Ophthalmology on 70 per cent time, as Professor of Ophthalmology, on indefinite tenure, and Head of the Department of Ophthalmology in the College of Medicine and Ophthalmologist-in-Chief in the Research and Educational Hospitals and in the Illinois Eye and Ear Infirmary, on full time, beginning April 1, 1959, at an annual salary of $20,000 (AY).

This appointment is to fill the vacancy created by the resignation of Dr. William F. Hughes, former Head of the Department, who asked to be relieved of his administrative duties but who is continuing to serve on the faculty as Clinical Professor without salary. In the meantime, Dr. H. L. Wilder, Assistant Professor of Ophthalmology, has been serving as Acting Head of the Department.

The nomination of Dr. Kronfeld was made by a search committee appointed by the Dean last year, and all members of the department of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur in this appointment.

I recommend approval.

On motion of Mr. Swain, this appointment was approved.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) Pursuant to the provisions in the Articles of Incorporation of the University of Illinois Athletic Association, I submit herewith nominations for appointments and reappointments, as indicated in each case, to its Board of Directors to become effective as of today and to continue until the next annual meeting of the Board of Trustees of the University of Illinois in 1960, or until the successors of these directors have been appointed.

Faculty

ROBERT B. BROWNE, Professor of Education, Dean of the Division of University Extension, and Dean of the Summer Session (reappointment; has served since 1955)

KENNETH J. TRIGGER, Professor of Mechanical Engineering (reappointment; has served since 1956)

H. KENNETH ALLEN, Professor of Economics (reappointment; has served since 1957)

JOSEPH A. RUSSELL, Professor and Head of the Department of Geography (reappointment; Professor Russell has served since October 1, 1958; he was appointed to fill the vacancy created by the resignation from the University of Professor Marcus M. Rhoades, who was appointed in March, 1958)

Alumni

JOHN A. HOBART, Class of 1938, Vice-President, C. J. Duffey Paper Company, Rock Island, Illinois; residence, 2320 Thirteenth Street, Moline, Illinois (reappointment; has served since 1955)

CHARLES V. HALL, Class of 1931, 102 North Street, Normal, Illinois (reappointment; has served since 1957)

DUANE A. CULLINAN, Class of 1937, 1617 Eighth Street, Pekin, Illinois (Mr. Cullinan will replace Mr. William F. Hahne, Class of 1922, who has served on the Board since March, 1955)

On motion of Mr. Swain, the recommendations of the President were approved.
APPPOINTMENT OF DELEGATE TO ILLINOIS
COMMISSION OF HIGHER EDUCATION

(5) The Act of the Seventieth General Assembly of Illinois creating "The Commission of Higher Education" provides that the Commission shall be advised by a Committee of Delegates to include one member of the Board of Trustees of the University of Illinois, one member from the Board of Southern Illinois University, and one member from the Teachers College Board, to be selected by their respective boards; two members selected by the Commission from governing boards of private institutions of higher education and one member selected by the Commission from governing boards of junior colleges.

The Board of Trustees of the University of Illinois designated Mr. Park Livingston as its representative on the Committee of Delegates and authorized him to designate another member of the Board to replace him when he could not attend meetings. Since Mr. Livingston is no longer a member of the Board of Trustees, another representative should be designated. Mrs. Watkins has been attending meetings as Mr. Livingston's alternate.

On motion of Mr. Herrick, Mrs. Watkins was designated to serve as delegate until appointments to the standing committees have been made.

SABBATICAL LEAVES OF ABSENCE, 1959-60

(6) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1959-60 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters.

College of Agriculture

Department of Agricultural Economics

Garret L. Jordan, Professor of Agricultural Economics, six months beginning September 1, 1959, full pay; to study the agriculture of Latin America.

Department of Agronomy

Denton E. Alexander, Associate Professor of Agronomy, six months beginning September 1, 1959, full pay; to assemble and summarize genetic data, and to study maize genetics and breeding in Mexico.

John B. Hanson, Associate Professor of Agronomy and of Botany, full year beginning September 1, 1959, one-half pay; to study the biochemistry of plant cytoplasm, research to be done at the University of Adelaide, Australia.

Arnold Klute, Associate Professor of Soil Physics, six months beginning March 1, 1960, full pay; to study the physical state of soil water at the United States Salinity Laboratory, Riverside, California, and for research on the effect of temperature on water in soil.

Russell T. Odell, Professor of Soil Physics, one-half year, full pay, beginning September 1, 1959; to study soils in California and other parts of western United States for improvement of teaching and preparation of a monograph.

Fred W. Slife, Associate Professor of Crop Production, six months beginning February 1, 1960, full pay; to do research at the University of California at Davis on soil residues of chemicals used for weed control.

Department of Dairy Science

Karl E. Gardner, Professor of Nutrition, six months beginning March 1, 1960, full pay; leave contingent upon financial assistance from other sources; to study dairy cattle nutrition at Rowett Research Institute, Bucksburn, Aberdeenshire, Scotland.

College of Commerce and Business Administration

H. Kenneth Allen, Professor of Economics, second semester, full pay; to study the development and current status of intergovernmental fiscal relations in Great Britain.
College of Education

Fred P. Barnes, Professor of Education, first semester, full pay; to write a book on research methods for practicing teachers and administrators.

Glenn M. Blair, Professor of Education, first semester, full pay; for a psychological analysis of teaching methods in secondary schools in England, France, and Germany.

George P. Deyoe, Professor of Agricultural Education, six months beginning February 1, 1960, full pay; to study the expanding technology, its effect on farming, and some of its implications for agricultural education.

Harold C. Hand, Professor of Education, first semester, full pay; for systematic studies of curriculum changes in secondary schools in the United States.

Ann Jewett, Associate Professor of Education and of Physical Education, second semester, full pay; for an intensive study of the physical education curriculum.

Walter J. Moore, Associate Professor of Education, first semester, full pay; to study the use and effectiveness of the typewriter in middle grades.

Fred C. Proff, Professor of Education, first semester, full pay; to study the counseling process in group setting.

Robert A. Tinkham, Associate Professor of Industrial Education, first semester, full pay; for a study of design teaching methods in the United States.

College of Engineering

Department of Civil Engineering

Milton O. Schmidt, Professor of Civil Engineering, full year, one-half pay; for independent and consultative study in geodesy in Switzerland, to visit other centers of geodetic activity in Germany, the Netherlands, Great Britain, and to attend the Twelfth General Assembly of the International Union of Geodesy and Geophysics in Helsinki, Finland.

Control Systems Laboratory

Norman Knable, Research Assistant Professor, full year, one-half pay; for research in optical pumping, to be done in Washington, D.C.

Department of Physics

James S. Allen, Professor of Physics, second semester, full pay; for research in high energy nuclear physics in the laboratory of the European Council for Nuclear Research in Geneva, Switzerland.

College of Fine and Applied Arts

Department of Architecture

Charles B. Looker, Jr., Associate Professor of Architecture, first semester, full pay; for research and consultation at other institutions and for study of the teaching of the theory of architecture, work to be done in the New York and Boston areas.

Elmer I. Love, Professor of Architecture, full year, one-half pay; for a study of twentieth century architecture and contemporary arts and crafts in Italy, France, Germany, Japan, South Pacific, India, Turkey, and Greece.

Frederick D. Miles, Associate Professor of Architecture, full year, one-half pay, or one-half year, full pay; full-year leave contingent upon financial assistance from other sources; for a study to devise new concepts for long-span roof construction in structures utilizing the principle of suspension; observation of urban renewal and city planning developments; work to be done in European cities.

School of Music

Gordon W. Binkerd, Associate Professor of Music, full year: one semester on one-half pay and one semester without pay; leave contingent upon receipt of a grant from the Guggenheim Foundation; to write a concerto for piano and orchestra, work to be done at Saratoga Springs, New York, and at Urbana.

Bruce R. Foote, Professor of Music, second semester, full pay; to work on a compilation of English songs, work to be done in England.

John Garvey, Associate Professor of Music and Artist-in-Residence, second semester, full pay; to study the technical aspects of chamber music playing in Europe.
BERNARD M. GOODMAN, Professor of Music and Artist-in-Residence, second semester, full pay; for private study with the conductor of the Cleveland Orchestra, Dr. George Szell; to visit and observe other distinguished symphony conductors; and to visit music schools of Oberlin, Juilliard, Curtis, Eastman.

BENJAMIN B. JOHNSTON, JR., Assistant Professor of Music and of Physical Education for Women, full year, one-half pay; leave contingent upon receipt of a grant of a Guggenheim and/or Fulbright award; to investigate music theory on gamut of tones, a new approach to the physical nature of pitch in relation to musical composition.

CLAUDE V. PALISCA, Assistant Professor of Music, full year, one-half pay; to complete a book on the role of humanism in Italian musical thought in the fifteenth and sixteenth centuries, working in Italy, Paris, and London.

HOMER SCHMITT, Associate Professor of Music and Artist-in-Residence, second semester, full pay; to prepare a report on techniques of teaching violin and to prepare editions of the string quartets of Haydn and Beethoven.

ROBERT H. SWENSON, Associate Professor of Music and Artist-in-Residence, second semester, full pay; to write a monograph on the art of teaching and playing cello.

College of Journalism and Communications

Department of Advertising
LESLIE W. MCCLURE, Professor of Advertising, second semester, full pay; to study research by advertising media for use in promotion, work to be done in New York City and Los Angeles.

Department of Journalism
LAWRENCE W. MURPHY, Professor of Journalism, first semester, full pay; to continue a study of the effect of chain ownership of newspapers on reading matter, work to be done in various places in the United States.

Institute of Communications Research
DALLAS W. SMYTHE, Research Professor of Communications and Acting Director of the Institute of Communications Research, first semester, full pay; to study communications policy and institutions with particular reference to television, radio, and motion pictures in Western Europe.

Institute of Labor and Industrial Relations
A. J. WANN, Associate Professor of Labor and Industrial Relations, first semester, full pay; for a study of interrelationships of government and politics and labor and industrial relations in South Africa.

College of Law
KENNETH S. CARLSTON, Professor of Law, second semester, full pay; for studies of the theory or methodology of international law or behavioral theory of law, work to be done in the United States.

College of Liberal Arts and Sciences

Department of Botany
JAMES F. NANCE, Associate Professor of Botany, second semester, full pay; for research on enzymes and subcellular particles in laboratories at the University of California at Davis.

Department of Chemistry and Chemical Engineering
IRWIN C. GUNSALUS, Professor of Biochemistry, full year, one-half pay, or second semester, full pay; for research in biochemistry in laboratories in Zurich, Copenhagen, and Paris, and to study methods and organization of departments.

NELSON J. LEONARD, Professor of Organic Chemistry, second semester, full pay; to review literature of organic chemistry, write research papers, develop new research programs, and study alkaloids, in European countries.

HOWARD V. MALMSTADT, Associate Professor of Analytical Chemistry, second semester, full pay; to study new quantitative emission spectrochemical techniques and methods and instrumentation, and automation systems for chemical research laboratories, work to be done in the United States and Europe.
Department of Classics

Alexander Turyn, Professor of Classics, first semester, full pay; for a paleographical study of dated Greek manuscripts of the thirteenth and fourteenth centuries, work to be done in European countries.

Department of English

Nuel Davis, Assistant Professor of English, second semester, full pay; leave contingent upon receipt of a Guggenheim fellowship; to co-author biographies of scientists in nuclear and atomic research, Los Alamos, New York, Princeton, and Berkeley.

Royal A. Gettmann, Professor of English, first semester, full pay; to complete manuscript, to study Morley Roberts manuscripts, and to study relations between publishers and authors in nineteenth century England.

Paul N. Landis, Professor of English, full year, one-half pay; for writing and research on place of literature in universal education, work to be done in Urbana and in travel abroad.

Sherman Paul, Professor of English, second semester, full pay; for research on American Transcendentalism, study of the role of the intellectual in democratic society, and study of the conceptual basis for an open democratic society.

Robert W. Rogers, Professor and Head of the Department of English, full year, one-half pay; to complete a biography of Alexander Pope, work to be done in Cambridge, Massachusetts, and England.

Department of French

Philip A. Wadsworth, Professor of French, second semester, full pay; for studies of the reputation and influence of Francois de Malherbe, work to be done in France.

Division of General Studies

James M. Mccremon, Professor of Humanities and Head of Division of General Studies, full year, one-half pay; for construction of a standardized test of writing proficiency.

Department of Geography

John H. Garland, Professor of Geography, second semester, full pay; for a series of geographic studies in the northland—Canada, Alaska, Pacific Northwest.

Department of German

John R. Frey, Professor of German, first semester, full pay; for research on German literature, and to consult German scholars and writers in Germany.

Henry Stegemeier, Professor of German, second semester, full pay; for research on German emblem books and study of current culture in Germany.

Department of History

Clarence E. Dawn, Associate Professor of History, second semester, full pay; to write a history of the Near East since the rise of Islam.

Department of Political Science

Francis G. Wilson, Professor of Political Science, second semester, full pay; to study the intellectual postulates of Congressmen, Washington, D.C.

Department of Psychology

Leo A. Hellmer, Professor of Psychology, first semester, full pay; to analyze data collected on child behavior and parent-child interaction patterns and to prepare several articles for publication.

Donald R. Peterson, Associate Professor of Psychology, full year, one-half pay; for a study in Sicily of parent-child relationships which would parallel a local study.

Ivan D. Steiner, Associate Professor of Psychology, full year, one-half pay; to conceptualize literature on recent social psychological investigations bearing upon group processes and productivity, study to be done in Urbana and at the University of Michigan and Harvard University.
Department of Sociology

James E. Hulett, Jr., Professor of Sociology, second semester, full pay; to complete a book on the relation of the individual to his society.

Department of Speech

Kenneth Burns, Assistant Professor of Speech and of Education, first semester, full pay; to study speech teacher-training programs in other universities and colleges in the United States.

Richard Murphy, Professor of Speech, second semester, full pay; to study the texts of selected celebrated British speeches and to consult with editors of speech journals in the British Isles.

Genevieve Richardson, Assistant Professor of Speech, second semester, full pay; to study significant collections of historic costumes in London, Stockholm, Paris, Vienna, and Siena, and to prepare articles on the history of theatrical costuming.

Department of Zoology

Wilbur M. Luce, Professor of Zoology, first semester, full pay; for studies and experimentation in irradiation and to write a monograph.

College of Physical Education

Department of Physical Education for Men

Thomas K. Cureton, Professor of Physical Education for Men, second semester, full pay; for measurement and evaluation of fitness in Olympic contestants in Rome and to visit other centers in Europe doing research in physical fitness.

Department of Recreation

Charles K. Brightbill, Professor and Head of the Department of Recreation, second semester, full pay; to study newly developed recreational therapy programs in selected neuropsychiatric hospitals, general medical and surgical hospitals, and rehabilitation centers in the United States, Canada, and Europe.

College of Veterinary Medicine

Norman D. Levine, Professor of Veterinary Parasitology and of Veterinary Research, one-half year beginning February 1, 1960, full pay; to complete a book on veterinary parasitology, work to be done in Urbana and in California.

Chicago Professional Colleges

College of Dentistry

Maury Massler, Professor and Head of the Department of Pedodontics, six months beginning January 1, 1960, full pay; to help organize the Department of Pedodontics and to give intensive instruction to the teaching staff of that department at the Tokyo Medical and Dental University.

College of Medicine

Lois E. Benns, Assistant Professor of Medical Social Work, full year beginning September 1, 1959, one-half pay; to accept an appointment as a Fulbright lecturer on a special project at Birmingham University, England, in psychiatric social work.

Max E. Raffelson, Jr., Associate Professor of Biological Chemistry, six months beginning September 1, 1959, full pay; to study and do research in protein chemistry and microbial genetics at the University of Southern California in Los Angeles and at the California Institute of Technology in Pasadena.

Chicago Undergraduate Division

Flora Dinkines, Assistant Professor of Mathematics, second semester, full pay; to study the problem of modernizing the undergraduate mathematics curriculum, work to be done in Chicago and at the University of Kansas and Dartmouth College.

Stanley L. Jones, Associate Professor of Social Science, second semester, full pay; to do research and to write a book on the presidential campaign and election of 1866.
ROBERT KAUF, Assistant Professor of Foreign Languages, full year, one-half pay, or second semester, full pay; full-year leave contingent upon receipt of grant-in-aid; to study the science of the theater and stage and to do research on the Vienna stage during 1945-55.

BERNARD KOGAN, Assistant Professor of English, second semester, full pay; for research on Dickens as a reporter, writer, and novelist, work to be done in England.

HANS J. MUELLER, Assistant Professor of Physical Sciences, full year, one-half pay; to study polymerization reactions, research to be done in Germany.

ALBERT S. ROUFFA, Associate Professor of Biological Sciences, full year, one-half pay; leave contingent upon receipt of financial assistance from outside sources; for development of form in plant organs and to start a program in the breeding and selection of woody ornamental plants suited for the soils and climate of the Chicago region.

WAYNE N. THOMPSON, Professor of Speech, second semester, full pay; to work on a monograph on Aristotle's theory of communication, research to be done in libraries in Chicago.

ELIZABETH WRIGHT, Assistant Professor of English, second semester, full pay; to study Poetry magazine's influence and reputation, research to be done in Paris, London, and Rome.

On motion of Mr. Herrick, seconded by Mrs. Watkins, these leaves were granted as recommended.

CURRICULUM IN CIVIL ENGINEERING

(7) The Urbana-Champaign Senate and the Senate Coordinating Council recommend authorization of a revised undergraduate curriculum leading to the degree of Bachelor of Science in Civil Engineering. This is not a new curriculum but represents considerable revision and a major shift of emphasis toward more scientific backgrounds with less emphasis on technique and manipulatory procedures as compared with the existing curriculum. The principal changes include:

Options, as such, are eliminated. Each student will have nine hours of technical electives. Normally, these electives must be selected to form a sequence from the advanced courses in the student's major field of specialization and in related engineering sciences.

Virtually all three-hour laboratory classes are eliminated. All three-hour design laboratories have been reduced to a maximum of two hours or eliminated entirely.

Major changes are made in course requirements: General Engineering 111, Advanced Drafting for Civil Engineers, dropped; Civil Engineering 160, Building Construction, dropped; Advanced Mathematics, three hours, added; Electrical Engineering 220, Basic Electrical Engineering, added; Mechanical Engineering 201, Mechanical Power Equipment, replaced by Mechanical Engineering 205, Thermodynamics and Heat Transfer.

Credit hours for graduation are increased from 136 to 141 without, however, extending the student's residence at the University beyond the presently necessary eight semesters and a summer session.

A copy of the complete curriculum, as revised, is being filed with the Secretary of the Board for record.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

GRADUATE PROGRAM IN HOME ECONOMICS

(8) The Urbana-Champaign Senate and the Senate Coordinating Council recommend authorization of a graduate program leading to the degree of Doctor of Philosophy in Home Economics with a major in foods and nutrition. This program has been developed to meet a demonstrated demand for such graduate training. The courses of study selected will draw heavily on graduate instruction in basic science and related fields according to the needs of the individual students. The combination will provide a sound program with emphasis on fundamental behavior of food ingredients, human nutrition, and those aspects of food processing that are of special importance in the home.
Admission Requirements

A grade-point average of at least 3.5 in the last sixty semester hours of undergraduate work completed.

A student planning for this program will be required to have had in undergraduate work a foods course with an organic chemistry prerequisite, a nutrition course with organic chemistry and physiology prerequisites, adequate training in chemistry, including quantitative analysis, and an introductory course in bacteriology.

Students will also be advised to take in their undergraduate work courses in colloid chemistry, physics, and trigonometry, but deficiencies in any of these may be made up during the first year of graduate study.

For a minor as admission to this program only, the prerequisites or their equivalents for the selected courses are required.

Degree Requirements

These will include fulfillment of all the general requirements of the Graduate College as to residence, proficiency in foreign languages, preliminary and final examinations, and a thesis. Candidates may elect minors in animal nutrition, bacteriology, biochemistry, food technology, physiology, and in other appropriate areas.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

AUTHORIZATION OF APPLICATION FOR SUPPORT OF BIOPHYSICAL RESEARCH

(9) The Biophysical Research Laboratory of the Department of Electrical Engineering has prepared a proposal to the Office of Naval Research for support of a research project on "Application of Ultrasound to the Study of and the Production of Changes in Brain Mechanisms in Experimental Animals and in Humans," and an application for funds: $272,460 for the first year, $264,055 for the second, and $254,887 for the third year of the study. This would include $463,000 for equipment during the three years and a provision for all other costs including reimbursement for the University's indirect costs.

I recommend authorization of this application and execution of the resulting contract.

On motion of Mr. Johnston, this recommendation was approved.

SUBCONTRACTS FOR RESEARCH SERVICES

(10) Occasionally it is advantageous to the University to have some of the work required under research contracts with governmental agencies and other sponsors of research done elsewhere through subcontracts with universities, individuals, or corporations. Basic contracts usually provide for such subcontract, and they are subject to approval in advance of execution by the sponsoring agency. To secure advance approval of the Board of Trustees of such contracts, as now required by Board regulations applicable to purchases of materials or services costing more than $2,500, often delays work on research projects.

It is therefore recommended by the Vice-President and Comptroller that the requirement of advance approval by the Board be waived in cases of subcontracts for research if the costs are to be paid entirely from contract funds and the subcontracts have been approved by the sponsors. In each case, the subcontract would be reported to the Board.

I concur.

On motion of Mr. Hughes, this recommendation was approved.

APPLICATION FOR LOAN FOR CONSTRUCTION OF MEN'S RESIDENCE HALLS

(11) The Board of Trustees has authorized filing of an application to the Housing and Home Finance Agency for a loan to finance the construction of a number of housing projects, including a residence hall for 1,485 single undergraduate students which will be Stage 3 in the University's program for the construction of student housing. The Committee on Buildings and Grounds has approved some changes in the housing construction program in the three units of Stage 3, and
the completion of the first unit (to house approximately 500 men) is now scheduled for September, 1960. An application for $3,750,000 has been submitted to the Housing and Home Finance Agency.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that:
1. The filing with the Housing and Home Finance Agency be confirmed;
2. The firm of Chapman and Cutler of Chicago be employed as counsel for the bond issue;
3. The Vice-President and Comptroller and the Director of the Physical Plant be authorized to secure bids for the construction and to advertise a sale of the bonds at such time as is feasible and appropriate; and
4. Such other steps as are necessary in connection with the bond issue and sale of bonds be authorized.

I concur.

On motion of Mr. Swain, these recommendations were approved.

RESOLUTION DELEGATING SIGNATURES FOR HOUSING REVENUE BONDS CONSTRUCTION FUND ACCOUNT

The Vice-President and Comptroller requested the adoption of the following resolution:

WHEREAS, The Board of Trustees of the University of Illinois on November 19, 1958, designated the Harris Trust and Savings Bank, Chicago, as the depository for the Construction Fund Account for the Housing Revenue Bonds of 1958, Series A and B, which account is entitled “Construction Fund, Housing Construction of 1958,” and authorized said Bank to act as investment counsel for the purchase of government securities as temporary investment of said Fund:

Therefore, It Is Hereby Resolved by The Board of Trustees of the University of Illinois, a public corporation, that the President of the Board of Trustees be and hereby is authorized to delegate to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood authority to sign his name as President of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958 Account, covering vouchers approved in accordance with regulations of the Board.

The Secretary of The Board of Trustees be and hereby is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith authority to sign his name as Secretary of the Board of Trustees to warrants drawn on the Construction Fund, Housing Construction of 1958, covering vouchers approved in accordance with regulations of the Board.

Be It Further Resolved, That the Harris Trust and Savings Bank of Chicago, as designated depository for the Construction Fund, Housing Construction of 1958, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation’s name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or countersigner thereof, when bearing the facsimile signatures of the two following: Kenney E. Williamson, President, and A. J. Janata, Secretary; and the Harris Trust and Savings Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures duplicate the facsimile specimens duly certified to or filed with the Harris Trust and Savings Bank of Chicago by the Secretary or other officer of this Corporation; and

Be It Further Resolved, That H. O. Farber, Comptroller of this Board, is hereby authorized to direct the Harris Trust and Savings Bank to execute orders for the purchase, sale, or exchange of United States Government securities acquired as temporary investment of said Construction Fund, and H. O. Farber is further authorized to delegate to C. C. DeLong and to W. M. Griffith authority to sign his name to such orders.

On motion of Mr. Clement, the foregoing resolution was adopted.
APPROPRIATIONS BY ATHLETIC ASSOCIATION

(13) The Board of Directors of the Athletic Association has approved the following appropriations:

Additional Costs of Renovating the Ice Rink. ................. $ 6,500
Additional Grants-in-Aid ........................................ 47,000
Football Coaches Clinic ....................................... 3,000

Confirmation of these appropriations is requested.

On motion of Mr. Pogue, these assignments were approved.

APPROPRIATION FOR RECORDS DISPOSAL PROGRAM

(14) The Vice-President and Comptroller requests an appropriation of $3,500 for equipment, supplies, and student help to initiate a program of microfilming business office records so that the originals may be destroyed. The program will follow the pattern of the State Records Act. Additional expenditures of $7,600 will be required to complete the program in 1959-61, but 7,400 square feet of storage space will be released.

I concur.

On motion of Mrs. Watkins, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

APPROPRIATION AND CONTRACT FOR ALTERATIONS AT ALLERTON HOUSE

(15) There is need at Allerton House for a second large meeting room to accommodate two large groups in the building at the same time. This can be had by remodeling the sun porch at an estimated cost of $4,350, to be paid from funds in Allerton House operations and short courses and conferences accounts.

The Vice-President and Comptroller recommends approval of this assignment of funds.

He and the Director of the Physical Plant also recommend award of a contract for $3,540 to C.A. Petry and Sons, Inc., Champaign, the only bidder, for the remodeling of the sun porch and converting it into a meeting room.

I concur in these recommendations.

On motion of Mr. Hughes, this appropriation was made and the contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR LANDSCAPING OF BIOLOGY BUILDING AREA

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $6,870 to Wandell's Twin City Nursery and Landscape Service, Urbana, the lowest bidder, for the landscaping of the area of the Biology Building.

Funds are available in the state capital appropriation for 1957-59 for the construction of this building.

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR SHIELD WALL IN PHYSICS RESEARCH LABORATORY

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $11,777 to A.F. Krall Construction Company,
Inc., Decatur, the lowest bidder, for the construction of a shield wall at the Physics Research Laboratory (Betatron Building).

Funds are available under a contract with the Office of Naval Research.

I concur.

On motion of Mr. Pogue, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR BUILDING ON POULTRY FARM

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $4,292 to Rigid Frame Structures, Inc., Champaign, the lowest bidder, for the construction of a metal building on the University Poultry Farm.

Funds are available in the budget of the College of Agriculture and the Agricultural Experiment Station.

I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR CRANE SYSTEM INSTALLATION IN PHYSICS RESEARCH LABORATORY

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $20,831 to the Whiting Corporation, Chicago, the lowest bidder, for the installation of a crane system in the Physics Research Laboratory (Betatron Building). This is on the basis of the low bid of $21,913, less an educational discount of 5 per cent and plus shipping costs.

Funds are available under a contract with the Office of Naval Research.

I concur.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

ARCHITECTURAL AND ENGINEERING SERVICES FOR ILLINOIS FIRE COLLEGE TRAINING FACILITIES

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with A. Epstein and Sons, Inc., Chicago, to make site studies and cost estimates for the construction of training facilities for the Illinois Fire College at a fee of $2,500. These facilities will be constructed in the south farms area and will replace the present fire training tower on Sixth Street between Springfield Avenue and Healey Street. The area occupied by this tower has been assigned as a site for the construction of a building by the National Council of Teachers of English which has its headquarters at the University.

The Illinois Firemen’s Association will request a state appropriation for the new facilities. Funds are available in the current state appropriations to the University for 1957-59 for the architectural studies.

I concur.

On motion of Mr. Johnston, this contract was authorized.

ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES ON ILLINI UNION BUILDING

(21) Jameson and Harrison, Architects and Engineers, Peoria, have been employed for a part of the architectural and engineering work on the addition to the Illini Union Building. The design work is being done by Eggers and Higgins, New York.
Construction of the east wing must be deferred until Harker Hall can be razed. However, the structural design of the total addition must include provisions for the east wing with respect to air conditioning and utilities installations and construction of footings so that the wing, when constructed, can be properly joined to the main unit. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend an addition to the contract with Jameson and Harrison for their assignments to include such of the structural design work on the east wing as must be done now, so that when it is constructed it can be joined to the main unit with a minimum of structural changes in the latter. The additional work will be paid for on the usual cost-plus basis and the estimated fee is $4,750. Credit for such work will be allowed when the complete contract for architectural services on the east wing is completed.

I concur.

On motion of Mr. Herrick, this change in the contract was authorized.

INSTALLMENT PLAN FOR PAYMENT OF UNIVERSITY FEES AND HOUSING CHARGES

(22) The Vice-President and Comptroller recommends that effective in September, 1959, students at Urbana-Champaign be given the option of paying tuition, fees, and residence halls charges on an installment basis. Charges for each of the first and second semesters will be collected in four installments, the first payable at registration and the remaining in each of the following months. Summer session charges will be payable one-half at registration and one-half during the following month. This plan will not apply to registrations in extramural and correspondence courses, or to University housing contracts on an annual lease basis, which are now payable monthly.

Students electing the installment plan for tuition and fees will be assessed a $2.00 service charge. An additional service charge of $2.00 will also be assessed in the case of the flight instruction fee of $300.00 if paid on the installment basis. There will be no service charge for the payment of University housing accounts on the installment basis which are now payable monthly.

A charge of 2 per cent, but not less than $1.00, will be assessed on each installment of any tuition, fee, or housing account that becomes delinquent. An installment will be considered as delinquent on the first day of the month following the date payment is due. This penalty will also apply to delinquent rental accounts of students and staff which are payable on a monthly basis. It is not proposed that this plan apply to the Chicago colleges, although it will be studied with the possibility of a recommendation for its extension at a later date. There are no housing accounts at the Chicago Undergraduate Division, but a deferred plan for fees is now in effect there. At the Professional Colleges, the schedules of required payments, availability of fee deferment and the three-term system of operation result in a payment plan similar to that proposed for Urbana.

The Director of Housing, the Dean of Students, and the Vice-President and Comptroller recommend the adoption of this plan. Authority is requested for the President to make minor modifications as experience may prove desirable when recommended by the appropriate officers.

I concur.

On motion of Mrs. Watkins, this plan was approved.

GRANT FROM KELLOGG FOUNDATION

(23) The Kellogg Foundation, Battle Creek, Michigan, has approved a grant to the University of $110,400, payable over a period of three years, to assist in the development of a teacher-education program in the College of Dentistry under the supervision of Dean Isaac Schour. It is proposed to make the grant effective July 1, 1959. The funds will be made available in the University subject to certain conditions specified by the Foundation all of which are acceptable to the University and are consistent with University policy.

I recommend acceptance.

On motion of Mr. Johnston, this grant was accepted.
BEQUEST OF HENRY BASCOM THOMAS

(24) The late Dr. Henry Bascom Thomas, who was Professor of Orthopaedic Surgery in the College of Medicine for many years and who died on March 25, 1958, bequeathed to the University $10,000 to endow a fellowship to be known as the "Dr. and Mrs. Henry Bascom (Louise) Thomas Fellowship" open to graduate medical students. I recommend acceptance of this bequest and adoption of the following resolution to comply with the requirements of the Northern Trust Company, executor of the estate.

Resolution

WHEREAS, Henry Bascom Thomas, a resident of Chicago, Illinois, departed this life on March 25, 1958, leaving a last will and testament which has been duly admitted to probate in Cook County, Illinois, and which contains provisions for a bequest as follows:

"I give and bequeath to the Illinois Surgical Institute for Children, a department of the College of Medicine of the University of Illinois, located at 905 South Wolcott Street, Chicago, Illinois, the sum of Ten Thousand Dollars ($10,000) to be used for the purpose of endowing a permanent fellowship which is to be awarded periodically on a competitive examination basis, open to graduate medical students from approved medical schools in any part of the United States, who have selected orthopaedics as their field of specialization, and whose application for entrance to the competitive examinations has been approved by such member or members of the Orthopaedic Staff of the Illinois Surgical Institute for Children as may be appointed for this purpose by the Executive Officers of the Illinois Surgical Institute for Children. This bequest shall be held in trust and administered by the Executive Officers of the Illinois Surgical Institute for Children and by one representative of the Orthopaedic Staff, who may be selected and appointed for this purpose annually by the Executive Officers of the Illinois Surgical Institute for Children. This fellowship shall be known as the Dr. and Mrs. Henry Bascom (Louise) Thomas Fellowship."

Now therefore be it resolved that the said bequest be and the same is hereby accepted by the Board of Trustees of the University of Illinois for the said Illinois Surgical Institute for Children for the uses and purposes therein set forth and

Be it further resolved that Howard A. Hazleton as Business Manager of the Chicago Professional Colleges of the Board of Trustees of the University of Illinois be and he is hereby authorized to accept payment on behalf of said Illinois Surgical Institute for Children and by one representative of the Orthopaedic Staff, who may be selected and appointed for this purpose annually by the Executive Officers of the Illinois Surgical Institute for Children. This fellowship shall be known as the Dr. and Mrs. Henry Bascom (Louise) Thomas Fellowship."

On motion of Mr. Herrick, the foregoing resolution was adopted.

PURCHASES

(25) The Director of Purchases has proposed and the Vice-President and Controller recommends the following purchases. Unless otherwise stated, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One centrifuge, analytical ultra high speed with Schlieren optical system, automatic photography, refrigeration and vacuum systems, ultraviolet absorption optical system, rotor and cell assemblies</td>
<td>Chemistry and Chemical Engineering</td>
<td>Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.</td>
<td>$24,507.00 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One electrophoresis and diffusion apparatus for simultaneous and independent operation of three cells; complete with cells and accessories; including installation and one year service by company-trained engineer</td>
<td>Chemistry and Chemical Engineering</td>
<td>Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.</td>
<td>$17,375.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One lot laboratory glassware and assorted apparatus for use as stock in the General Chemical Stores</td>
<td>General Chemical Stores</td>
<td>Arthur S. LaPine &amp; Co., Chicago</td>
<td>$14,177.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Manufacture of five special cathode ray tubes according to University specifications; this is an addition to a previous order</td>
<td>Control Systems Laboratory</td>
<td>General Electric Co., Syracuse, N.Y.</td>
<td>$6,935.00 f.o.b. Syracuse, N.Y.</td>
</tr>
</tbody>
</table>
### UNIVERSITY OF ILLINOIS

#### Item

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Browne-Buechner type magnetic particle analyzer, including power supply</td>
<td>Physics</td>
<td>Pacific Electric Motor Co., Oakland, Calif.</td>
<td>$15,752.00</td>
</tr>
<tr>
<td>One Rubicon No. 2768 thermo-free potentiometer and one Rubicon No. 3350 photoelectric galvanometer</td>
<td>Physics</td>
<td>Minneapolis-Honeywell Regulator Co., Rubicon Instruments, Philadelphia, Pa.</td>
<td>3,900.00</td>
</tr>
<tr>
<td>One microscope, electron, resolution of ten angstroms or better, complete with illuminating system, acceleration voltages 40, 60, 80, and 100 kv, stereoscopic micrograph and diffraction picture accessories; projection lens assembly; one year of service</td>
<td>Physics</td>
<td>Siemens New York Inc., New York, N.Y.</td>
<td>40,120.84</td>
</tr>
<tr>
<td>11 microscopes, stereoscopic, cycloptic type</td>
<td>Zoology Forestry</td>
<td>Skaar &amp; Co., Chicago</td>
<td>7,083.61</td>
</tr>
<tr>
<td>11 illuminators, microscope, for the microscopes listed above</td>
<td>Zoology</td>
<td>The Seiler Instrument &amp; Manufacturing Co., Inc., St. Louis, Mo.</td>
<td>3,833.28</td>
</tr>
<tr>
<td>Two microtomes, rotary type</td>
<td>Zoology</td>
<td>Rubicon No. 2768 thermo-free potentiometer and Regulator Co., Oakland, Calif.</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Less trade-in of eight obsolete microscopes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five microscopes, inclined binocular, graduated mechanical stage optics, quadruple nosepiece, substage illuminator, and photo tubes</td>
<td>Zoology</td>
<td>Rubicon No. 3350 photoelectric Rubicon Instruments, Philadelphia, Pa.</td>
<td>1,500.00</td>
</tr>
<tr>
<td>One microscope, inclined binocular, graduated mechanical stage, phase optics, quadruple nosepiece, substage illuminator, and photo tubes</td>
<td>Zoology</td>
<td>Vail Ballou Press Inc., New York, N.Y.</td>
<td>2,095.00</td>
</tr>
<tr>
<td>Less trade-in of three obsolete microscopes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rental of caps, gowns, and hoods as required for the June 13, 1959, Commencement</td>
<td>Committee on Commencement</td>
<td>Collegiate Cap &amp; Gown Co., Champaign</td>
<td>7,450.00</td>
</tr>
<tr>
<td>Printing and binding 1,500 copies America in the Antarctic to 1950 by Philip I. Mitterling</td>
<td>University Press</td>
<td>Vail Ballou Press Inc., New York, N.Y.</td>
<td>2,095.00</td>
</tr>
<tr>
<td>Printing and binding 10,000 copies of students' edition of Mathematics</td>
<td>University Press</td>
<td>Braun-Brumfield, Inc., Ann Arbor, Mich.</td>
<td>18,851.00</td>
</tr>
<tr>
<td>Printing and binding 2,000 copies of teachers' edition of Mathematics</td>
<td>University Press</td>
<td>Ann Arbor, Mich.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Printing of 30,000 First Semester, 1959-60. Time Tables in accordance with specifications</td>
<td>University Press</td>
<td>Interstate Printers &amp; Publishers, Inc., Danville</td>
<td>8,645.00</td>
</tr>
<tr>
<td>One Cessna 172 airplane with accessories, less trade-in allowance for one Aeronca Champion 7AC serial N 89903</td>
<td>Institute of Aviation</td>
<td>Walston Aviation, Inc., East Alton</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Comprehensive aviation liability insurance at limits of $50,000/250,000 bodily injury and $50,000 property damage; coverage is to be written for one year on an annual premium basis computed on total annual flying hours at an estimated cost of $3,150 a year; annual deposit premium of $2,000 required</td>
<td>Institute of Aviation</td>
<td>Monier &amp; Morrissey, Chicago, re- sending Insurance Co. of North America</td>
<td>3,150.00</td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were authorized.

**COMPROLLER’S REPORT OF CONTRACTS**

(26) The Comptroller’s report of contracts executed during the period February 1 to 28, 1959.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granite City Steel Co.</td>
<td>Optimum environment for sows and pigs under farrowing conditions</td>
<td>$7,500.00</td>
<td>February 11, 1959</td>
</tr>
<tr>
<td>Pozzolan Products Co., Inc.</td>
<td>Prospectus for lime-pozzolan mixtures</td>
<td>10,000.00</td>
<td>December 30, 1958</td>
</tr>
<tr>
<td>Tennessee Valley Authority</td>
<td>Effects of credit on fertilizer purchases by farmers in Illinois</td>
<td>2,500.00</td>
<td>November 1, 1958</td>
</tr>
<tr>
<td>United States Air Force AF31(616)-6192</td>
<td>Elevated temperature resistant inorganic structural adhesives</td>
<td>28,270.00</td>
<td>December 11, 1958</td>
</tr>
<tr>
<td>United States Air Force AF49(658)-129</td>
<td>Electronic properties of nonmetallic crystals</td>
<td>54,973.00</td>
<td>November 14, 1958</td>
</tr>
<tr>
<td>With Whom</td>
<td>Purpose</td>
<td>Amount to be Paid to the University</td>
<td>Effective Date</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>-------------------------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>United States Air Force AF49(638)-543</td>
<td>Spaces admitting significant fixed-point indices</td>
<td>$ 4,949 00</td>
<td>December 22, 1958</td>
</tr>
<tr>
<td>United States Air Force AF49(638)-556</td>
<td>Production and use of extremely short light pulses</td>
<td>19,963 00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>United States Army DA11-022-ORD-2956</td>
<td>Development of polymers for use in high temperatures</td>
<td>12,980 00</td>
<td>February 4, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-561</td>
<td>Radiation chemistry and chemical kinetics</td>
<td>11,943 00</td>
<td>February 12, 1959</td>
</tr>
</tbody>
</table>

**Contract Changes**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crop-Hail Insurance Actuarial Association</td>
<td>Radar data, area of thunderstorm system, hailstorm velocity</td>
<td>$10,000 00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>Griffin Wheel Co.</td>
<td>Properties of refractories as related to service in a steel pressure casting process</td>
<td>29,000 00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>McDonnell Aircraft Corp.</td>
<td>Lug fatigue</td>
<td>8,581 40</td>
<td>January 12, 1959</td>
</tr>
<tr>
<td>Shell Chemical Corp., Agricultural Chemicals Division</td>
<td>Evaluation of chlorinated hydrocarbon compounds as insecticides</td>
<td>2,500 00</td>
<td>December 17, 1958</td>
</tr>
<tr>
<td>United States Air Force AF18(603)-49</td>
<td>Surface physics with radioactive substances</td>
<td>91,667 00</td>
<td>November 19, 1958</td>
</tr>
<tr>
<td>United States Air Force AF18(603)-137</td>
<td>Emission and absorption spectro-chemical methods</td>
<td>13,000 00</td>
<td>November 20, 1958</td>
</tr>
<tr>
<td>United States Air Force AF33(600)-3119</td>
<td>Concrete strips and slabs reinforced with continuous steel plate</td>
<td>5,000 00</td>
<td>January 21, 1959</td>
</tr>
<tr>
<td>United States Air Force AF33(616)-5486</td>
<td>Thermally stable polymers for high temperature aircraft application</td>
<td>66,000 00</td>
<td>December 12, 1958</td>
</tr>
<tr>
<td>United States Air Force AF49(638)-371</td>
<td>Laws underlying human behavior in complex tasks</td>
<td>22,950 00</td>
<td>November 21, 1958</td>
</tr>
<tr>
<td>United States Air Force AF49(638)-417</td>
<td>Diffusion in semiconductors and related problems</td>
<td>80,000 00</td>
<td>January 14, 1958</td>
</tr>
<tr>
<td>United States Army DA11-022-ORD-1985</td>
<td>Diazo reactions and certain ketonic rearrangements</td>
<td>8,996 00</td>
<td>February 3, 1959</td>
</tr>
<tr>
<td>United States Army DA11-070-508-ORD-593</td>
<td>Launcher dynamics</td>
<td>52,987 00</td>
<td>February 6, 1959</td>
</tr>
<tr>
<td>United States Army DA36-059 SC-56695</td>
<td>Confidential</td>
<td>1,125 000</td>
<td>January 20, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-775</td>
<td>Properties and behavior of aerosol particles</td>
<td>13,400 00</td>
<td>February 13, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1459(01)</td>
<td>Metabolism of the nervous system</td>
<td>30,000 00</td>
<td>December 22, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(11)</td>
<td>Interpersonal perception in therapeutic counseling</td>
<td>21,198 00</td>
<td>January 15, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(12)</td>
<td>Solid state and surface physics of semiconductors</td>
<td>45,000 00</td>
<td>December 3, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(20)</td>
<td>Effects of ultrasonic energy on biological tissues</td>
<td>36,200 00</td>
<td>December 22, 1958</td>
</tr>
</tbody>
</table>

**Adjustments Made in 1958-59 Cost-Plus Contract**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. T. Drewitch (Plastering)</td>
<td>Fifty-nine items: $59.18 deduct to $648.00</td>
<td>$3,893 36</td>
<td>January and February, 1959</td>
</tr>
</tbody>
</table>

This report was received for record.

**INVESTMENTS**

(27) The Finance Committee reported the following changes in investments of trust funds:

**URBANA-CHAMPAIGN**

**Endowment Funds — General**

<table>
<thead>
<tr>
<th>Sale</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 shares Industrial Rayon Corporation common stock</td>
<td></td>
<td>$4,481 02</td>
<td></td>
</tr>
<tr>
<td>10 shares Industrial Rayon Corporation common stock</td>
<td></td>
<td>219 25</td>
<td></td>
</tr>
<tr>
<td>90 shares Montgomery Ward Company common stock</td>
<td></td>
<td>3,492 36</td>
<td></td>
</tr>
<tr>
<td>5 shares Standard Oil Company of New Jersey common stock</td>
<td></td>
<td>285 98</td>
<td></td>
</tr>
</tbody>
</table>
1959]

UNIVERSITY OF ILLINOIS

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exchange</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$51,000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/4</td>
<td>9/15/59-56 for</td>
<td></td>
</tr>
<tr>
<td>51,000</td>
<td>U. S. Treasury bonds</td>
<td>1 1/8</td>
<td>8/1/59</td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$12,000</td>
<td>Commercial Credit Company</td>
<td>3 1/2</td>
<td>2/1/76</td>
<td>$11,340,00</td>
</tr>
<tr>
<td>50,000</td>
<td>New York Steam Company</td>
<td>3 1/2</td>
<td>7/1/63</td>
<td>49,250,00</td>
</tr>
<tr>
<td>30,000</td>
<td>U. S. Treasury bonds</td>
<td>3</td>
<td>2/15/64</td>
<td>28,725,00</td>
</tr>
<tr>
<td>200 shares</td>
<td>Federated Department Stores common stock</td>
<td>10</td>
<td>564,06</td>
<td></td>
</tr>
</tbody>
</table>

Current Funds

<table>
<thead>
<tr>
<th>Exchange</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000</td>
<td>U. S. Certificates</td>
<td>2 1/2</td>
<td>2/14/59 for</td>
<td></td>
</tr>
<tr>
<td>1,000</td>
<td>U. S. Certificates</td>
<td>3 1/4</td>
<td>2/15/60</td>
<td></td>
</tr>
<tr>
<td>1,022</td>
<td>U. S. Treasury bonds</td>
<td>2 1/4</td>
<td>3/15/59-57 for</td>
<td></td>
</tr>
<tr>
<td>1,022</td>
<td>U. S. Certificates</td>
<td>1 1/4</td>
<td>8/1/59</td>
<td></td>
</tr>
<tr>
<td>1,042</td>
<td>U. S. Treasury bonds</td>
<td>2 1/4</td>
<td>9/15/59-56 for</td>
<td></td>
</tr>
<tr>
<td>1,042</td>
<td>U. S. Certificates</td>
<td>1 1/8</td>
<td>8/1/59</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>U. S. Treasury notes</td>
<td>1 1/4</td>
<td>2/15/59 for</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>U. S. Treasury</td>
<td>3 1/4</td>
<td>2/15/60</td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$29,000</td>
<td>U. S. Treasury bonds</td>
<td>3 1/6</td>
<td>11/15/74</td>
<td>$29,181,25</td>
</tr>
</tbody>
</table>

CHICAGO

Navy Pier Escrow

<table>
<thead>
<tr>
<th>Exchange</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>$31,000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/4</td>
<td>3/15/59 for</td>
<td></td>
</tr>
<tr>
<td>31,000</td>
<td>U. S. Certificates</td>
<td>3 1/4</td>
<td>8/1/59</td>
<td></td>
</tr>
<tr>
<td>59,000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/4</td>
<td>12/15/58 for</td>
<td></td>
</tr>
<tr>
<td>59,000</td>
<td>U. S. Treasury notes</td>
<td>3 1/4</td>
<td>3/15/61</td>
<td></td>
</tr>
<tr>
<td>Purchase</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$31,000</td>
<td>U. S. Treasury bonds</td>
<td>2 1/4</td>
<td>3/15/59</td>
<td>$30,883,75</td>
</tr>
</tbody>
</table>

Report of the Comptroller

The Comptroller reports the following changes in unexpended plant fund investments, over which he has authority as shown:

URBANA-CHAMPAIGN

Men's Residence Halls Revenue Bond Fund of 1956
(Authorized by Board of Trustees resolution dated March 23, 1956, minutes page 982, and September 18, 1956, minutes page 49)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$123,000</td>
<td>U. S. Treasury bills</td>
<td>10/23/58</td>
<td>$122,857,94</td>
<td></td>
</tr>
<tr>
<td>113,000</td>
<td>U. S. Treasury bills</td>
<td>1/2/59</td>
<td>112,472,67</td>
<td></td>
</tr>
<tr>
<td>113,000</td>
<td>U. S. Treasury bills</td>
<td>2/5/59</td>
<td>112,733,19</td>
<td></td>
</tr>
<tr>
<td>113,000</td>
<td>U. S. Treasury bills</td>
<td>3/5/59</td>
<td>112,797,86</td>
<td></td>
</tr>
</tbody>
</table>

Women's Residence Halls Revenue Bond Fund of 1956
(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$89,000</td>
<td>U. S. Treasury bills</td>
<td>12/4/58</td>
<td>$88,878,86</td>
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</tr>
<tr>
<td>60,000</td>
<td>U. S. Treasury bills</td>
<td>2/13/59</td>
<td>59,885,67</td>
<td></td>
</tr>
</tbody>
</table>

Men's Residence Halls Revenue Bond Fund of 1957
(Authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Purchase</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>$200,000</td>
<td>U. S. Treasury bills</td>
<td>11/6/58</td>
<td>$190,795,56</td>
<td></td>
</tr>
<tr>
<td>50,000</td>
<td>U. S. Treasury bills</td>
<td>10/30/58</td>
<td>49,971,11</td>
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</tr>
<tr>
<td>50,000</td>
<td>U. S. Treasury bills</td>
<td>12/4/58</td>
<td>49,953,13</td>
<td></td>
</tr>
<tr>
<td>125,000</td>
<td>U. S. Treasury bills</td>
<td>2/5/59</td>
<td>124,587,50</td>
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</tr>
<tr>
<td>115,000</td>
<td>U. S. Treasury bills</td>
<td>3/26/59</td>
<td>114,608,68</td>
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</tr>
</tbody>
</table>
## Housing Revenue Bond Fund of 1958

(Authorized by Board of Trustees resolution dated December 17, 1958)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$318 000 U. S. Treasury bills</td>
<td>2/26/59</td>
<td>$317 403 75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>417 000 U. S. Treasury bills</td>
<td>4/2/59</td>
<td>415 075 31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>447 000 U. S. Treasury bills</td>
<td>4/30/59</td>
<td>443 982 75</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200 000 U. S. Treasury bills</td>
<td>5/15/59</td>
<td>198 366 67</td>
<td></td>
<td></td>
</tr>
<tr>
<td>206 000 U. S. Treasury bills</td>
<td>6/11/59</td>
<td>203 900 17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>335 000 U. S. Treasury bills</td>
<td>7/2/59</td>
<td>330 643 33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>763 000 U. S. Treasury bills</td>
<td>7/30/59</td>
<td>751 146 16</td>
<td></td>
<td></td>
</tr>
<tr>
<td>140 000 U. S. Certificates</td>
<td>3⅜</td>
<td>11/15/59</td>
<td>140 958 15</td>
<td></td>
</tr>
</tbody>
</table>

## Revenue Bonds of 1952 Sinking Fund Reserve

(Authorized by Board of Trustees resolution dated February 22, 1952, minutes page 1,372)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$10 000 U. S. Treasury bonds</td>
<td>3⅜</td>
<td>11/15/74</td>
<td>$10 062 50</td>
<td></td>
</tr>
</tbody>
</table>

## Reserve for Additional 1952 Bonds

(Authorized by Board of Trustees resolution dated February 22, 1952, minutes page 1,372)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$132 000 U. S. Treasury bonds</td>
<td>3⅜</td>
<td>11/15/74</td>
<td>$132 825 00</td>
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</tbody>
</table>

## Women's Residence Halls 1956 Sinking Fund Reserve

(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 49)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$12 000 U. S. Treasury bonds</td>
<td>1⅝</td>
<td>10/1/59</td>
<td>$11 865 00</td>
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</tbody>
</table>

## Revenue Bonds of 1956 Sinking Fund Reserve

(Authorized by Board of Trustees resolution dated March 25, 1956, minutes page 982)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$17 000 U. S. Treasury notes</td>
<td>1¼</td>
<td>10/1/59</td>
<td>$16 808 75</td>
<td></td>
</tr>
</tbody>
</table>

## Housing Revenue Bonds 1958 Sinking Fund

(Authorized by Board of Trustees resolution dated December 17, 1958)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$58 000 U. S. Treasury bills</td>
<td>3/19/59</td>
<td>$57 826 32</td>
<td></td>
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</tr>
<tr>
<td>58 000 U. S. Treasury bills</td>
<td>8/6/59</td>
<td>57 089 38</td>
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<td></td>
</tr>
</tbody>
</table>

## Chicago

### Dentistry-Medicine-Pharmacy Building Revenue Bond Funds—Construction

(Authorized by the Board of Trustees resolution dated March 15, 1951, minutes page 632)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$10 000 U. S. Treasury bills</td>
<td>8/7/58</td>
<td>$9 996 79</td>
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<td></td>
</tr>
<tr>
<td>10 000 U. S. Treasury bills</td>
<td>8/21/58</td>
<td>9 923 68</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 000 U. S. Treasury bills</td>
<td>9/4/58</td>
<td>9 990 47</td>
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<td></td>
</tr>
</tbody>
</table>

### Dentistry-Medicine-Pharmacy Building Revenue Bond Funds—Auxiliary

(Authorized by Board of Trustees resolution dated December 16, 1953, minutes page 1,191)

<table>
<thead>
<tr>
<th>Par</th>
<th>Issue</th>
<th>Rate</th>
<th>Maturity</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 75 000 U. S. Treasury bills</td>
<td>11/20/58</td>
<td>$74 640 75</td>
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<td></td>
</tr>
<tr>
<td>200 000 U. S. Treasury bills</td>
<td>2/5/59</td>
<td>198 660 00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>175 000 U. S. Treasury bills</td>
<td>2/5/59</td>
<td>173 831 00</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

These reports cover the period October 1, 1958, through February 28, 1959.

These reports were received for record.
CURRICULUM IN OCCUPATIONAL THERAPY

(28) The Urbana-Champaign Senate and the Senate Coordinating Council recommend the following alterations in the curriculum in Occupational Therapy. They are minor in nature involving elimination of some and the addition of other courses, changes in the required hours of therapeutic techniques and electives, and revision of the statement of the grade-point average to be maintained.

First Year: Drop Hygiene 104, Science of Personal Health; add Physiology 103, Introduction to Human Physiology; reduce hours of Therapeutic Techniques from 7 to 6; substitute Zoology 104 for 101; alter hours of electives (foreign language, history, literature) from 8-10 to 9; alter total required hours from 39-34 to 31 or 33.

Second Year: Reduce hours of Therapeutic Techniques from 15 to 11, and increase electives from 4-6 to 8-10.

Third Year: Substitute Physiology 234, Human Anatomy and Physiology, for 134 (a change in course number); add as an alternative for Psychology 216, Child Psychology, Home Economics 201, The Child and His Development; authorize substitution of an approved substitute for Psychology 338, Abnormal Psychology; reduce hours of Therapeutic Techniques from 12 to 8; and increase electives from 5-7 to 6-8.

Alter the statement that "a minimum of 3.5 must be maintained at all times in the curriculum" to read: "a cumulative average of 3.5 must be acquired before transfer to that portion of the course offered in the College of Medicine."

I concur.

On motion of Mr. Swain, this recommendation was approved.

INCREASE IN PURCHASE PRICE OF MASS SPECTROMETER

(29) At the September 30, 1958, meeting, the Board of Trustees authorized the purchase, at a price of $49,645, of a special mass spectrometer, from Consolidated Electrodymanics Corporation, Chicago (hereinafter referred to as "Consolidated"), for the Department of Chemistry and Chemical Engineering, on the basis of a sealed bid previously received, Consolidated being the only bidder offering to make and furnish the spectrometer desired. A purchase order, specifying the bid price, was sent to Consolidated on October 3, 1958.

On receipt of that order, Consolidated declined to accept it on the grounds that the purchase order was not received within the time specified in its proposal and that substantial mistakes had been made in computing the cost. However, Consolidated expressed willingness, under the circumstances, to make the spectrometer for $59,895, which this company states is substantially less than it would ordinarily charge and is less than the cost of construction.

Consolidated is the only manufacturer of the type of spectrometer which the Department of Chemistry and Chemical Engineering needs. Funds are available for the additional cost. Litigating the question of whether Consolidated is obligated to furnish the spectrometer to the University at the price originally specified would not appear to be in the best interests of the University in view of the fact that the spectrometer can not be obtained elsewhere and, even if the University would be successful in the litigation, this would delay the delivery of the spectrometer which is needed now.

Accordingly, the Head of the Department of Chemistry and Chemical Engineering, the Director of Purchases, and the Vice-President and Comptroller recommend amendment of the previous purchase authorization to payment of $59,895 for this equipment.

I concur.

On motion of Mr. Harewood, this recommendation was approved.

LEASE OF PROPERTY AT 609 SOUTH SIXTH STREET, CHAMPAIGN

(30) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the University lease, through the University of Illinois Foundation, approximately 2,170 square feet of space in the building at 609 South Sixth Street, Champaign, Illinois. The space will be occupied by the Department of Electrical Engineering for its Gaseous Electronics Laboratory for research work under a government contract.
The lease will be between the Foundation and Tom Whetzel, the owner. It will begin as soon as possession can be obtained and continue until June 30, 1964, at $450 a month. The sublease from the University of Illinois Foundation will be on the same basis except the initial sublease will run until June 30, 1959, and will be automatically renewed for two-year periods until the termination of the Foundation's lease.

To secure this lease, it will be necessary for the University to purchase from the present tenant a heater, water-cooled air conditioner, sink, chemical bench and exhaust hood at a cost of $1,500, and to make certain alterations in utilities connections, estimated to cost $1,000, to separate the leased area from the remaining space occupied by the present tenant. The University will provide janitor service, heat, and utilities for its space.

Funds will be assigned from indirect costs recovered from government contracts for the purchase of the equipment, alterations, and the rent.

I concur.

On motion of Mr. Johnston, this lease was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

LEASE OF SITE FOR BUILDING TO NATIONAL COUNCIL OF TEACHERS OF ENGLISH

At its November, 1958, meeting this Board authorized the Comptroller to give assurance to the National Council of Teachers of English that the Board would authorize the leasing to that Council of land situated in a portion of the block bounded by Wright Street, Springfield Avenue, Sixth Street, and Healey Street in the city of Champaign, title to which is held by the University, to provide a site upon which the Council will, at its expense, construct a building for its educational activities. This Board was then informed that when negotiations with the Council relative to the principal terms of the lease would be concluded, a further recommendation would be made to the Board for "the approval of such agreement or resolution as may be necessary to implement this arrangement."

Agreement has now been reached, subject to this Board's approval, relative to the principal terms of the proposed lease, and further action by the Board approving the terms and authorizing the execution on behalf of the University of the proposed lease is desirable and necessary.

Accordingly, the Legal Counsel, the Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President and Provost recommend the adoption of the following resolution, and I concur:

Resolution

WHEREAS, The National Council of Teachers of English, a not for profit corporation, conducts educational and other activities of benefit to the University of Illinois and the general public and desires to erect, at its own expense, upon the land hereinafter described, which it desires to lease from the University upon the terms and conditions hereinafter set forth, a building in which to maintain its headquarters and carry on many of its activities; and

WHEREAS, The construction and use of said building, and the carrying on of its educational activities therein, by said Council upon said site will be advantageous and of benefit to the University of Illinois and the citizens of the state of Illinois which the University serves:

Therefore, It Is Hereby Resolved by this Board of Trustees of the Board of Trustees of the University of Illinois, a public corporation, that the leasing by said public corporation to said National Council of Teachers of English of a parcel of land, title to which is now held by said public corporation, constituting a portion of Block 6 of J. S. Wright's Addition to the City of Champaign, Champaign County, Illinois, situated in said City, County, and State, and bounded and described as follows:

Beginning at a point on the east property line of Sixth Street, in said City of Champaign, said point being 1.27 feet south of the southwest corner of
Block 1 of J. S. Wright's Addition to said City of Champaign, and being marked with a cross cut in a concrete slab; thence southerly along the east property line of Sixth Street, a distance of 158.0 feet to a corner, said corner being marked with an iron pipe; thence easterly a distance of 60.0 feet to a corner, said corner being marked with an iron pipe; thence northeasterly a distance of 77.55 feet to a corner, said corner being marked with an iron pipe; thence northerly and parallel with the east property line of Sixth Street, a distance of 103.27 feet to a corner, said corner being marked with an iron pipe; thence westerly along a line parallel with the south line of said Block 1 of said J. S. Wright's Addition to said City, a distance of 115.0 feet to the place of beginning.

upon the terms, provisions, and conditions hereinafter set forth be, and the same is hereby, authorized and approved.

The principal terms, provisions, and conditions upon which the leasing of said tract or parcel of land to said Council is herein and hereby authorized and approved are as follows:

(1) Said leasing shall be subject to the rights of the Urbana-Champaign Sanitary District in a portion of said property under an easement grant heretofore given said District, and shall also be subject to an easement of passageway over and across a strip twenty feet wide extending from the west line to the east line of said premises and located north of the building to be erected by the Council which shall be reserved to University and its licensees in the lease for the entire term of the latter.

(2) The term of the lease shall be for seventy-five years from April 1, 1959, unless sooner terminated by virtue of the operation of its provisions.

(3) The Council shall construct, at its own expense, upon said premises, as soon as reasonably possible after the execution of the lease, its contemplated building which shall be constructed in accordance with plans and specifications approved by the University and so as to conform to the University's standards of construction and with all applicable state laws.

(4) Title to said building, when constructed, shall vest in the University and shall continue to be held by the University upon the termination or expiration of the lease.

(5) No alterations to said building shall be made or any additions thereto shall be constructed by the Council, nor shall it construct any additional building or buildings upon said premises, without first securing University's approval in writing for the making or construction of the same, and the provisions of (3) and (4) above shall apply to any such alterations or additional construction.

(6) The Council shall, at its expense, maintain and keep the demised premises, all structures built by it thereon, and the above mentioned passageway in good repair and safe condition throughout the duration of the lease.

(7) Council shall pay any taxes legally assessed against said premises and any structures erected by Council thereon or against Council's leasehold interest therein, but shall have the right to contest, at its expense, the legality and validity of any assessment of taxes against the same before paying the same.

(8) The Council shall provide, construct, and maintain, at its expense, a suitable fence along all except the north and west lines of said demised premises, and gates at the east end of the above mentioned strip, as long as desired by University during the duration of the lease.

(9) The Council shall indemnify the University and save it harmless from liability, loss, damage, or expense arising from injury sustained to the person or property of any person on or about said premises during the lease, and shall have the right to defend, at Council's expense, each and every claim asserted against University or suit instituted against the latter for which Council may thus become liable.

(10) In view of the foregoing undertakings to be assumed by Council, and the other benefits which University will derive from said lease and the activities conducted by Council upon said premises, the rent to be paid by Council for the premises during the duration of the lease shall be One Dollar per year.
(11) Such other terms, provisions, and conditions, not inconsistent with the foregoing, which may be agreed upon between representatives of Council and the Vice-President and Comptroller, Director of the Physical Plant, and Legal Council of the University.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report:

On February 23, the General Policy Committee and the Executive Committee of the Board of Trustees met with the Mayor of Chicago at the Mayor's request to discuss certain suggestions which he had to make.

At the meeting the Mayor presented a statement, copies of which have been made public and sent to the members of the Board of Trustees.

The General Policy Committee agreed to recommend to the Board of Trustees that the date for reconsideration of its action on the selection of the Riverside site as the location for the Chicago Undergraduate Division would be extended to April 15, and that the Board express its willingness to receive from the Mayor any suggestions that appear to him to be the equivalent in feasibility and desirability.

At the meeting the Mayor emphasized the point which he had included in his prepared statement, that the City would be prepared to defray any extraordinary costs which would arise out of the selection of the site in Chicago as compared with Riverside. The Mayor also agreed to attempt to give a definitive answer on this question and that all proposals are to be consonant with the time schedule established by the Board of Trustees for land acquisition and construction of buildings for the Chicago Undergraduate Division.

It is understood that the University administration will follow the instruction given to it at the Board meeting on February 19, for legislative purposes, and assume that the amount required for Riverside would be the base need if there should be any subsequent alteration of the site decision now on record. Thus, negotiations with Riverside Golf Club are to go forward, but an alternate plan of action may be devised. The budget request to the Governor and the General Assembly will be made accordingly.

Consonant with the reactions, understandings, and events reported above, I move that the date for reconsideration of the action of the Board of Trustees in designating Riverside Golf Club as the site for the development of the Chicago Undergraduate Division be extended to April 15, 1959.

In adopting this motion, the Board will understand that the administrative staff will work with representatives of the City as requested.

Following general discussion of this report, on motion of Mrs. Watkins, Mr. Johnston's motion was unanimously adopted.

EXECUTIVE SESSION

At this point, on motion of Mr. Johnston, an executive session was ordered for consideration of the following item of business.

PURCHASE OF LAND

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1003 West Green Street, Urbana, at a price of $40,000 on these terms: $10,000 to be paid on or before March 31, 1959, provided title is shown to be good and merchantable; the balance of $30,000 to be paid upon possession by the University, not later than July 15, 1959; taxes for 1959 to be pro-rated as of the date of possession; and the seller to be permitted to remove the garage, fence, and the stair carpeting from the property.

The property is a lot with a frontage of 63.4 feet on Green Street and 220 feet deep, and a frame residence consisting of a five-room apartment occupied by the
owners and rooms for sixteen women students. The land will be needed as a part of the site for Stage 4 of the construction of residence halls for single undergraduate men. In the meantime, the house will be used for office space.

The selling price is within the range of appraisals received by the University. Funds are available in the state appropriation to the University for 1957-59 for acquisition of land, subject to release by the Governor.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents upon release of the funds and approval of title by the Legal Counsel.

On motion of Mr. Johnston, the foregoing recommendation was approved and the purchase of the property was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

AKCASU, ALAEDDIN, Research Associate in Pharmacology (Medicine), ½ time, February 15-August 31, 1959, $400 a month (2-25-59).

Andrews, Charles B., Instructor in Orthopaedics, Department of Orthopaedic Surgery, and Orthopaedist in the Respiratory Center (Medicine), six months from January 1, 1959, $10,800 a year (2-25-59).

Aubertin, Mrs. Mary P., Assistant in Horticulture (S), February 1-August 15, 1959, $400 a month (2-9-59).

Beck, Robert C., Instructor in Psychology, ½ time, February 1-June 15, 1959, $177.78 a month (2-25-59).

Becker, Richard C., Research Assistant Professor of Electrical Engineering (S), seven months from February 1, 1959, $8300 a year, supersedes (2-9-59).

Boesen, Evelyn A. M., Instructor in Medicine (Medicine), one year from July 1, 1958, without salary (2-6-59).

Bornarth, Robert L., Assistant in the Institute of Aviation, February 1-June 15, 1959, $450 a month (2-16-59).

Campbell, James L., Assistant in Music, February 1-June 15, 1959, $400 a month, supersedes (2-12-59).

Cheng, Chin Huan, Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1959, $3500, supersedes (2-16-59).

Claar, Catherine H., Instructor in Biological Sciences (Chicago Undergraduate Division), ½ time, five months from February 1, 1959, $230 a month (2-20-59).

Colburn, Irving W., Assistant Professor of Architecture and Art (Chicago Undergraduate Division), ½ time, to render service during the second semester of the academic year, March 1-August 31, 1959, $291.60 a month (2-26-59).


Drake, John W., Instructor in Bacteriology (College of Liberal Arts and Sciences, Graduate College), five months from February 1, 1959, $2917, supersedes (2-12-59).

Edwards, Robert W., Lecturer in Architecture, February 1-June 15, 1959, $2700 (2-6-59).

Goodman, Alan B., Research Assistant in the Institution for Tuberculosis Research (Medicine), January 20-August 31, 1959, $4400 a year (2-21-59).

Goudine, Helen P., Lecturer in Sociology, February 1-June 15, 1959, $550 a month (2-12-59).

Griffith, Jerry, Assistant in Speech, February 1-June 15, 1959, $400 a month, supersedes (2-16-59).
Grillo, Maria A., Research Associate in Animal Science (S), March 28-August 31, 1959, $5500 a year (2-20-59).
Hakimi, Seifollah, Assistant Professor of Electrical Engineering (C), March 1-August 31, 1959, to render service during the second semester of the academic year, $6800 a year, supersedes (2-10-59).
Inoue, Mitsun, Assistant in Food Technology (S), one year from September 1, 1959, $5900 (2-17-59).
Kappauf, William E., Professor of Psychology, indefinite tenure, $10,700 a year, and Acting Head of the Department, one year from September 1, 1958, at an additional salary of $1,000, total salary $11,700, to render service during the academic year, supersedes (2-10-59).
Kibler, Victor A., Lecturer in Architecture, February 1-June 15, 1959, $2700 (2-7-59).
Leiby, Clare C., Jr., Research Assistant in Electrical Engineering (C), seven months from February 1, 1959, $7500 a year, supersedes (2-5-59).
Lenardo, Guido D., Clinical Assistant in Medicine (Medicine), eight months from January 1, without salary (2-9-59).
Levinson, Hilliard L., Instructor in Psychology and Social Sciences, and Counselor in the Student Counseling Service (Chicago Undergraduate Division), seven months from February 1, 1959, $3325 (2-10-59).
Lippold, Henry W., Jr., Instructor in Radio-Television on 1/2 time, and Supervisor of Television News on 1/2 time (College of Journalism and Communications), seven months from February 1, 1959, $6600 a year (2-6-59).
Litman, Armand, Clinical Assistant Professor of Medicine (Medicine), eight months from January 1, 1959, without salary, supersedes (1-26-59).
McIvor, John W., Assistant in Art, February 1-June 15, 1959, $400 a month (2-26-59).
McNair, Louis M., Assistant in the Institute of Aviation, February 1-June 15, 1959, $475 a month (2-16-59).
McWhinnie, Dolores J., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1959, $477.78 a month (2-21-59).
Myers, Basil R., Assistant Professor of Electrical Engineering (C), March 1-August 31, 1959, to render service during the second semester of the academic year, $7800 a year, supersedes (2-10-59).
Peasley, Melvin L., Assistant in Agronomy (S), February 1-June 18, 1959, $400 a month (2-9-59).
Perelmuter, Samuel, Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1959, $488.80 a month (2-20-59).
Rensch, Gloria K., Assistant in Art, February 1-June 15, 1959, $400 a month (2-20-59).
Rust, Velma I., Assistant in Education (College of Education, Graduate College), February 1-June 15, 1959, $500 a month, supersedes (2-16-59).
Sherburn, George, Visiting Professor of English, 1/2 time, March 1-June 15, 1959, $3100 (2-6-59).
Sundell, Robert A., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1959, $444.44 a month (2-20-59).
Tacchi, Derek, Visiting Instructor in Obstetrics and Gynecology (Medicine), seven months from February 1, 1959, $6000 a year (2-9-59).
Toork, Nicholas, Clinical Assistant Professor of Otolaryngology (Medicine), 1/2 time, eight months from January 1, 1959, $2000 a year, supersedes (2-20-59).
Tort, Mrs. Ferdina J. C., Instructor in Foreign Languages (Chicago Undergraduate Division), six months from March 1, 1959, to render service during the second semester of the academic year, $450 a month, supersedes (2-7-59).
Videka, Michael A., Instructor in Radiology (Dentistry), 7/10 time, six months from March 1, 1959, $4550 a year, supersedes (2-25-59).
Wei, Chuan-Tseng, Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1959, $3500, supersedes (2-16-59).
Wei, Lun-Shin, Research Associate in Food Technology (S), seven months from February 1, 1959, $3700 a year (2-6-59).
Weston, Patricia G., Research Assistant in Chemistry, four months from February 1, 1959, $400 a month (2-16-59).
GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

Deeters, Curtis F., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1959, $200 a month (2-16-59).


Latta, C. Rex, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1959, $200 a month (2-16-59).

Menachof, Irwin, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), five months from February 1, 1959, $293.33 a month; this is in addition to his nonsalaried appointment as an Assistant in Ophthalmology (2-20-59).

Nicol, William, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1959, $200 a month (2-16-59).

Parker, Samuel B., Mathematics Institute Fellow in Mathematics, February 1-June 15, 1959, $2100, supersedes (2-16-59).

Stempak, Jerome, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), seven months from February 1, 1959, $170 a month (2-20-59).

Young, James R., Television Shares Management Corporation Fellow in Electrical Engineering, February 1-June 15, 1959, $1000; this is in addition to his appointment as Instructor in Electrical Engineering on ½ time (2-13-59).

RESIGNATIONS

Armstrong, Jack L., Hackett Fellow in Horticulture — resignation effective February 1, 1959.

Brody, Seymour S., Research Associate in Botany — resignation effective February 7, 1959.

Chapman, George C., Instructor in the Institute of Aviation — resignation effective April 12, 1959.

Crum, Mrs. Harriett H., Research Assistant in Chemistry — resignation effective March 1, 1959.

Hart, Mrs. Jeannette M., Instructor in Physical Sciences (Chicago Undergraduate Division) — resignation effective March 1, 1959.

Mayeda, Wataru, Research Assistant Professor of Electrical Engineering — resignation effective March 1, 1959.


Pearlman, Benjamin, Clinical Assistant Professor in Medicine (Medicine) — resignation effective February 5, 1959.

Roth, Harvey L., Fellow in Aeronautical Engineering — resignation effective February 1, 1959.


Torchinelli, Guy B., Fellow in Mathematics — resignation effective February 1, 1959.

Wernsman, Earl A., Fellow in Agronomy — resignation effective February 1, 1959.

Weston, Paul E., Research Assistant in Physics — resignation effective February 1, 1959.

LEAVES OF ABSENCE

Albright, William G., Associate Professor of Electrical Engineering (C) — leave of absence, without pay, from March 1 and continuing through August 31, 1959.
Krebs, Alfred H., Associate Professor of Agricultural Education and Counselor on the University Council on Teacher Education—leave of absence, without pay, for one month from June 1, 1959, so that he may accept the invitation to be visiting professor on the 1959 summer session faculty of the College of Agriculture at the University of Nebraska.

Mason, Bruce B., Research Assistant Professor in the Institute of Government and Public Affairs—leave of absence, without pay, for the period February 22 through February 28, 1959, so that he may serve as a consultant to the State Commission on County Government.

Stone, C. Walter, Professor of Library Science—extension of leave of absence, without pay, beginning September 1, 1959, and ending August 31, 1960, so that he may continue his services to the United States Office of Education as consultant on research and experimentation in television, radio, motion pictures, and related media for educational programs.

Tascher, Murl E., Grundy County Farm Adviser—leave of absence with pay from January 16 through April 30, 1959, and leave without pay beginning May 1, 1959, and continuing until further notice.

Wright, J. Richard, Research Associate in Mechanical Engineering (S)—leave of absence, without pay, from April 10, 1959, and continuing through May 31, 1959.

On motion of Mr. Clement, the meeting adjourned.

A. J. Janata
Secretary

Kenney E. Williamson
President
MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 14, 1959

The April meeting of the Board of Trustees of the University of Illinois was held in Allen Hall, Urbana, Illinois, on Tuesday, April 14, 1959, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant Department, Professor Norman A. Parker, Chairman of the Building Program Committee, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Mr. Ralph F. Lese-mann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. George H. Bargh, Administrative Assistant in the President’s Office; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on November 19 and December 17, 1958, and January 20, 1959, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 179 to 283, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. FRED FISCHER, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of $7,500 (DY).
2. EDWARD LEE GARWIN, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of $7,500 (DY).
3. ROBERT W. JOHANNSEN, Associate Professor of History, beginning September 1, 1959, at an annual salary of $8,000 (D).
4. JERMYN F. McCahan, Clinical Assistant Professor of Preventive Medicine, beginning April 1, 1959, without salary (DY).
5. ERNST T. MORCH, Clinical Professor of Anesthesiology, in the Department of Surgery, on one-fourth time, beginning March 1, 1959, at an annual salary of $3,000 (DY25).
6. FRANCO U. RIMALDI, Clinical Assistant Professor of Psychiatry, in the College of Medicine, beginning February 1, 1959, without salary (DY).
7. DONALD ROSS, Clinical Assistant Professor of Orthopaedic Surgery, in the College of Medicine, beginning March 1, 1959, without salary (DY).
8. JOHN R. SCHRIEFFER, Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of $7,200 (D).
9. ROBERT B. SCHWART, Associate Professor of Farm Management, in the Department of Agricultural Economics, beginning May 1, 1959, at an annual salary of $8,800 (S-DY29, E-DY71).

Nonacademic Appointment

The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility.

1. BARBARA F. ADAMS, Staff Physical Therapist in the Department of Physical Medicine and Rehabilitation, in the Research and Educational Hospitals, beginning February 23, 1959, at an annual salary of $4,920.

On motion of Mr. Pogue, these appointments were confirmed.

HEADSHIP OF THE DEPARTMENT OF DERMATOLOGY

(2) The Dean of the College of Medicine and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Adolph Rostenberg, Jr., as Professor of Dermatology on indefinite tenure and Head of the Department of Dermatology beginning May 1, 1959, at a salary of $18,000 a year on "Y" basis.

This appointment is to fill the vacancy created by the resignation of Dr. Marcus R. Caro, who has gone into private practice, but who accepted appointment on the nonsalaried staff as Research Associate in Oral Pathology in the College of Dentistry. Dr. Rostenberg has been Acting Head of the Department since September 1, 1958. He was nominated for this appointment by a special search committee and all members of the Department of Dermatology of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.
HEADSHIP OF THE DEPARTMENT OF GENERAL ENGINEERING

(3) The Dean of the College of Engineering recommends the appointment of Jerry Stanley Dobrovolny, Associate Professor of General Engineering, as Head of the Department of General Engineering beginning September 1, 1959, at an annual salary of $10,000 on "A" basis.

This appointment is to fill the vacancy which will be created by the retirement of Professor Randolph P. Hoelscher on September 1, 1959, after forty-one years of service on the faculty. The nomination of Professor Dobrovolny was made by a search committee appointed by the Dean, and all members of the department of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur in this appointment.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

APPOINTMENT OF ACTING DEAN OF THE COLLEGE OF EDUCATION

(4) Dean B. L. Dodds of the College of Education died on March 23, 1959. Previously he had been granted leave of absence with full pay from March 1 to June 15, 1959, on account of illness.

After consultation with the Executive Committee of the College, and with the concurrence of the Vice-President and Provost, I appointed Dr. Charles M. Allen, Professor of Education and Associate Dean of the College of Education, as Acting Dean of the College effective March 1, 1959, to serve until a successor to Dean Dodds is appointed and takes office.

Confirmation of this action is requested.

On motion of Mr. Swain, this appointment was confirmed.

APPOINTMENTS TO THE 1959 SUMMER SESSION STAFF

(5) I submit recommendations for appointments to the faculty for the 1959 Summer Session. Appointments in the Summer Session budget provide for an eight-week term at Urbana-Champaign, June 15 through August 8, and at the Chicago Undergraduate Division, June 19 through August 14; and two six-week terms, June 22 through August 1, and August 3 through September 2, in the College of Pharmacy.

The salaries of members of the University faculty recommended for appointment to the Summer Session staff are computed on the basis of the authorized formula of two-ninths of the salary of the academic year for the eight-week Summer Session and proportionate amounts for other periods or for part-time service.

The budget totals $728,660 plus a reserve of $5,949 for Urbana-Champaign; $13,391 for the Chicago Professional Colleges; and $105,142 plus a reserve of $858 for the Chicago Undergraduate Division.

I recommend that the appointments to the Summer Session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes in adjustments and additional appointments as are necessary in accordance with the needs of the University within the estimated income.

On motion of Mr. Herrick, these appointments and the Summer Session budget were approved, and the President was given authority as recommended. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

URBANA-CHAMPAIGN

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<tr>
<th>Accountancy</th>
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<td>1. N. M. Bedford, Professor</td>
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<td>2. R. I. Dickey, Professor</td>
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<td>3. G. E. Lukas, Professor</td>
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<td>4. W. E. Thomas, Professor</td>
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<td>5. D. H. Skadden, Associate Professor</td>
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<td>Part-time</td>
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<td>Position</td>
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<td>6. H. P. Holzer, Assistant Professor</td>
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<td>7. E. J. DeMaris, Assistant Professor</td>
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<td>8. P. E. Fess, Instructor</td>
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<td>9. Nancy A. Desmond, Assistant</td>
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**Advertising**

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<tr>
<td>1. J. J. Mullen, Assistant Professor</td>
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**Aeronautical Engineering**

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<tr>
<td>1. J. M. Coan, Jr., Professor</td>
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<td>2. E. A. Stannard, Instructor</td>
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<td>3. W. H. F. Stahl, Assistant</td>
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<td>4. E. L. Walsh, Assistant</td>
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**Architecture**

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<td>1. L. J. Brightbill, Associate Professor</td>
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<td>2. F. D. Miles, Associate Professor</td>
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<td>3. J. G. Replinger, Associate Professor</td>
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<td>4. D. E. Sporleder, Assistant Professor</td>
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<td>5. T. E. Kurz, Instructor</td>
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**Art**

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<tr>
<td>1. J. R. Shipley, Professor and Head of Department</td>
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<td>2. W. F. Doolittle, Professor</td>
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<td>3. E. C. Rae, Professor</td>
<td>$1,867</td>
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<td>4. H. A. Schultz, Professor</td>
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<td>5. C. V. Donovan, Professor</td>
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<td>6. G. R. Bradshaw, Associate Professor</td>
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<td>7. L. R. Chesney, Associate Professor</td>
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<td>8. M. B. Martin, Associate Professor</td>
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<td>9. N. V. Ziroli, Associate Professor</td>
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<td>10. D. E. Frith, Assistant Professor</td>
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<td>11. J. W. Raushenberger, Assistant Professor</td>
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<td>12. R. A. von Neumann, Assistant Professor</td>
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<td>13. J. H. G. Lynch, Assistant Professor</td>
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<td>14. L. H. Price, Instructor</td>
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<td>15. D. C. Robertson, Instructor</td>
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**Astronomy**

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<tr>
<td>1. Henry Albers, Associate Professor</td>
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<td>2. R. E. White, Jr., Assistant</td>
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**Bacteriology**

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<td>1. R. S. Wolfe, Associate Professor</td>
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<td>2. H. M. Nakata, Assistant</td>
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<td>3. ————, Assistant</td>
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<td>4. ————, Assistant</td>
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<td>5. ————, Assistant</td>
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**University of Illinois Bands**

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<td>1. E. D. Kisinger, Assistant Director</td>
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(See Music) | ($805) |

(Total Salary) | ($1,789) |

**Botany**

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<tr>
<td>1. J. R. Laughman, Professor and Chairman of Department</td>
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<td>2. L. R. Heckard, Assistant Professor</td>
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<td>3. D. M. Post, Assistant Professor</td>
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($5,446)
Business Education

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<td>Elizabeth R. Melson, Associate Professor</td>
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<td>(See Education)</td>
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<td>(Total Salary)</td>
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<tr>
<td>R. E. Mason, Assistant Professor</td>
<td>1/2 $826</td>
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<tr>
<td>Mildred E. Reed, Assistant Professor</td>
<td>1/2 1,412</td>
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<tr>
<td>Margaret Furtkamp, Assistant Professor</td>
<td>1/2 474</td>
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Business Law

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<th>Name and Position</th>
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<td>P. C. Roberts, Professor</td>
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<tr>
<td>B. F. Kirkpatrick, Associate Professor</td>
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<tr>
<td>R. N. Corley, Assistant Professor</td>
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Chemistry and Chemical Engineering

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<td>Therald Moeller, Professor of Inorganic Chemistry</td>
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<td>(From National Science Foundation)</td>
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<td>(Total Salary)</td>
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<tr>
<td>T. J. Hanratty, Associate Professor of Chemical Engineering</td>
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<td>A. M. Hartley, Assistant Professor of Analytical Chemistry</td>
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<td>R. S. Juvet, Assistant Professor of Analytical Chemistry</td>
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<td>D. D. Perlmuter, Assistant Professor of Chemical Engineering</td>
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<td>J. A. Quinn, Assistant Professor of Chemical Engineering</td>
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<td>K. E. VanHolde, Assistant Professor of Physical Chemistry</td>
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<tr>
<td>S. K. Madan, Assistant</td>
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<tr>
<td>L. C. Thompson, Assistant</td>
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<tr>
<td>W. A. Yeranos, Assistant</td>
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<tr>
<td>G. R. Layton, Assistant</td>
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<td>R. P. Clark, Assistant</td>
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<td>R. W. Miller, Assistant</td>
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<td>R. D. Mikesell, Assistant</td>
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<td>D. K. Wedegaertner, Assistant</td>
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<td>J. C. Summers, Assistant</td>
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<tr>
<td>Ernest Drew, Assistant</td>
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<tr>
<td>David Tuleen, Assistant</td>
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<tr>
<td>L. H. Shepherd, Assistant</td>
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<td>S. W. Benson, Visiting Lecturer</td>
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<td>(2641 Hutton Drive, Beverly Hills, California)</td>
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<tr>
<td>Gregorio Weber, Visiting Lecturer</td>
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<td>(Department of Chemistry, Washington University, St. Louis, Missouri)</td>
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<tr>
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City Planning and Landscape Architecture

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($31,922)
### Civil Engineering

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### Civil Engineering (Summer Surveying Camp)

1. M. O. Schmidt, Professor and Camp Director (June 8 to August 20)  
   - Part-time: 1/2  
   - Summer Salary: $3,134
2. L. D. Walker, Professor of General Engineering (June 15 to July 18)  
   - Part-time: 1/2  
   - Summer Salary: $2,137
3. E. H. Coe, Associate Professor (June 15 to July 18)  
   - Part-time: 1/2  
   - Summer Salary: $1,050
4. W. H. Eldridge, Assistant Professor (June 8 to August 29)  
   - Part-time: 1/2  
   - Summer Salary: $2,167
5. H. M. Karara, Assistant Professor (June 15 to August 22)  
   - Part-time: 1/2  
   - Summer Salary: $1,625
6. H. E. Irby, Visiting Lecturer (June 15 to July 18)  
   - Part-time: 1/2  
   - Summer Salary: $973
7. Gordon Gracie, Instructor (June 15 to August 22)  
   - Part-time: 3/10  
   - Summer Salary: $1,356

### Classics

1. B. E. Perry, Professor  
   - Part-time: 1/2  
   - Salary: $2,689
2. R. E. A. Palmer, Instructor  
   - Part-time: 3/4  
   - Salary: $768

### Division of General Studies

1. Robert Siegfried, Assistant Professor of Chemistry  
   - Part-time: 1/2  
   - Salary: $1,445
2. J. F. Glawe, Instructor in Biological Science  
   - Part-time: 1/2  
   - Salary: $400

### Economics

1. J. F. Bell, Professor and Chairman of Department  
   - Part-time: 1/2  
   - Salary: $1,556
2. H. K. Allen, Professor  
   - Salary: $2,889
3. R. W. Harbeson, Professor  
   - Salary: $2,195
4. B. E. Edwards, Assistant Professor  
   - Salary: $1,460
5. W. W. McMahon, Assistant Professor  
   - Salary: $1,445
6. B. O. Campbell, Instructor  
   - Salary: $723
7. John Chiu, Assistant  
   - Part-time: 3/4  
   - Salary: $600
8. P. J. Walsh, Assistant  
   - Part-time: 1/2  
   - Salary: $400
9. Ronald Simmons, Assistant  
   - Part-time: 1/2  
   - Salary: $400
10. L. M. Kowal, Assistant  
    - Part-time: 1/2  
    - Salary: $400
11. - Assistant  
    - Part-time: 1/2  
    - Salary: $400
12. - Visiting Lecturer  
    - Part-time: 1/2  
    - Salary: $855

### Education

1. A. W. Anderson, Professor  
   - Salary: $2,112
2. F. P. Barnes, Professor  
   - Salary: $2,225
3. T. E. Benner, Professor  
   - Salary: $2,578
4. G. M. Blair, Professor  
   - Salary: $2,089
5. H. S. Broudy, Professor  
   - Salary: $2,150
6. A. C. Condon, Professor of Business Education  
   - Part-time: 1/2  
   - Salary: $1,223
7. J. J. DeBoer, Professor  
   - Salary: $2,045

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[April 14]
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<td>(1001 South Elm Street, Champaign, Illinois)</td>
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Education (Family Finance Workshop)

1. Ella C. Leppert, Associate Professor and Coordinator (June 15 to July 24) $1,203 ($1,203)
2. Associate Professor (June 15 to July 10) $1,203 ($1,203)

Electrical Engineering

1. G. E. Anmer, Professor $2,112
2. L. B. Archer, Professor $1,978
3. Associate Professor $1,978
4. M. A. Faucett, Professor $2,089
5. M. S. Helm, Professor $2,112
6. C. A. Keener, Professor $2,089
7. C. E. Skroder, Professor $1,880
8. J. E. Williams, Professor $2,089
9. Associate Professor $1,555
10. M. H. Crothers, Associate Professor $1,778
11. P. R. Egbert, Associate Professor $1,678
12. H. W. Horn, Associate Professor $1,789
13. G. R. Peirce, Associate Professor $1,912
14. P. A. Bauman, Assistant Professor $1,334
15. P. K. Hudson, Assistant Professor $1,600
16. J. O. Kopplin, Assistant Professor $1,667
17. J. B. Kreer, Assistant Professor $1,067
18. B. C. Kuo, Assistant Professor $1,512
19. G. H. Leichner, Assistant Professor $519

($117,071)
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English

1. R. W. Rogers, Professor and Head of Department .................................................. $2 889
2. G. B. Evans, Professor .................................................. 2 089
3. R. M. Smith, Professor .................................................. 2 200
4. Bruce Harkness, Associate Professor .................................................. 1 556
5. F. W. Weeks, Associate Professor of Business English ........................................... 1 834
6. H. W. Wilson, Associate Professor .................................................. 1 712
7. A. L. Altenbernd, Assistant Professor .................................................. 1 667
8. W. J. Chamberlin, Assistant Professor of Business English ................................... 1 767
9. N. P. Davis, Assistant Professor .................................................. 1 623
10. R. L. Haig, Assistant Professor .................................................. 1 330
11. G. P. Haskell, Assistant Professor .................................................. 1 734
12. J. T. Maguire, Assistant Professor of Business English ..................................... 1 667
13. F. B. Moake, Assistant Professor .................................................. 1 286
14. Edward Nehls, Assistant Professor .................................................. 1 689
15. Robert Ornstein, Assistant Professor .................................................. 1 723
16. H. F. Robins, Assistant Professor .................................................. 1 678
17. R. L. Schneider, Assistant Professor .................................................. 1 623
18. Margaret Bloom, Instructor .................................................. 1 534
19. J. A. Hamilton, Instructor .................................................. 1 545
20. F. E. Hodgins, Jr., Instructor .................................................. 1 600
21. D. J. Hogan, Instructor .................................................. 1 578
22. W. J. Lord, Jr., Instructor in Business English ............................................. 1 623
23. J. S. Martin, Instructor .................................................. 1 589
24. Stanton Millet, Instructor .................................................. 1 578
25. Mrs. Jean Praninskas, Instructor .................................................. 1 607
26. D. A. Reibel, Instructor .................................................. 1 500
27. L. P. Spataro, Instructor in Business English ............................................. 1 500
28. A. C. Tillman, Instructor .................................................. 1 545
29. Michael Timko, Instructor .................................................. 1 200
30. D. W. Dungan, Assistant .................................................. 1 400
31. Merle Fifield, Assistant .................................................. 889
32. J. D. Hopkins, Assistant .................................................. 867
33. Maria E. Keen, Assistant .................................................. 823
34. J. P. Masterson, Assistant .................................................. 1 423
35. W. A. McQueen, Assistant .................................................. 1 400
36. Michael Pasko, Assistant .................................................. 1 423
37. R. A. Saner, Assistant .................................................. 1 456
38. ————, Assistant .................................................. 1 423
39. ————, Assistant .................................................. 1 423
40. ————, Assistant .................................................. 1 423
41. ————, Assistant .................................................. 1 423
42. ————, Assistant .................................................. 1 423
43. ————, Assistant .................................................. 1 423

($45 136)

Entomology

1. W. L. Downes, Assistant Professor .................................................. $1 245
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3. J. E. Engel, Instructor ........................................... 3
4. Burkhard Seubert, Instructor .................................. 4
5. ————, Assistant .................................................. 5
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7. ————, Assistant .................................................. 7
8. ————, Assistant .................................................. 8
9. ————, Assistant .................................................. 9
10. ————, Assistant ............................................... 10

Health and Safety Education
1. A. E. Florio, Professor ........................................... 1
2. G. T. Stafford, Professor ...................................... 2

Health Service
1. Jack Otis, Associate Professor of Hygiene .................. 1

History
1. J. W. Swain, Professor and Chairman of Department .... 1
2. F. A. Shannon, Professor ....................................... 2
3. C. E. Dawn, Associate Professor .............................. 3
4. D. J. Geanakoplos, Associate Professor ..................... 4
5. J. B. Sirich, Associate Professor ............................ 5
6. J. L. Bates, Assistant Professor .............................. 6
7. O. P. Pflanze, Assistant Professor ........................... 7
8. W. G. Gard, Assistant ......................................... 8
9. J. M. Haas, Assistant ........................................ 9
10. R. W. Heywood, Assistant ................................ 10
11. J. W. Pringle, Assistant .................................... 11
12. G. C. Fite, Visiting Lecturer ................................. 12
    (University of Oklahoma, Norman, Oklahoma)............... 13
13. O. F. Ander, Visiting Lecturer ............................. 14
    (Augustana College, Rock Island, Illinois) ................ 15

Home Economics
1. Pearl Z. Janssen, Associate Professor (June 15 to July 11) 1
2. Mildred Bonnell, Associate Professor (June 15 to July 11) 2
3. M. Virginia Guthrie, Assistant Professor (June 15 to July 11) 3
4. Millicent V. Martin, Instructor .............................. 4
5. Vivian P. Larson, Assistant (June 15 to July 11) ....... 5
6. Evelyn Rouner, Assistant ..................................... 6
7. Susan Kelley, Assistant ....................................... 7
8. Ruth J. Dales, Visiting Lecturer ........................... 8
    (School of Home Economics, Florida State University, Tallahassee, Florida)........... 9

Journalism
1. R. R. Barlow, Professor ...................................... 1
2. R. L. Hildwein, Assistant Professor ........................ 2

Law
1. C. H. Bowman, Professor ................................... 1
2. K. S. Carlston, Professor ................................... 2
3. R. G. Cohn, Professor ...................................... 3
4. W. H. Davis, Professor ..................................... 4
5. G. T. Frampton, Professor ................................ 5
6. V. J. Stone, Associate Professor ........................... 6
7. R. B. Looper, Assistant Professor ......................... 7
8. P. O. Proehl, Assistant Professor ......................... 8

($2,536)
Library School

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Management

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Marketing

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Mathematics

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<td>D. A. Moran</td>
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The above salaries are inclusive of all benefits and are subject to change.
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26. K. W. Anderson, Assistant ........................................ 800
27. J. R. Boen, Assistant ............................................... ½ 400
28. Hwa Suk Hahn, Assistant ........................................... 800
29. D. H. Lorenz, Assistant ........................................... 800
30. Earali M. Paul, Assistant ........................................... 800
31. E. F. Wilde, Assistant ........................................... 800

Mechanical Engineering
1. E. F. Hebrank, Professor .......................................... $ 1 934
2. E. D. Luke, Professor ............................................. 2 000
3. C. D. Greffe, Professor ........................................... 1 867
4. J. L. Whisenand, Associate Professor ......................... 1 556
5. J. W. Bayne, Associate Professor ................................ 1 556
6. R. P. Strout, Associate Professor ................................ 1 556
7. W. E. Bair, Assistant Professor ................................ 1 556
8. W. L. Chow, Assistant Professor ................................ 1 556
9. G. P. Anderson, Lecturer in Industrial Engineering ........ 1 000
10. S. R. Davis, Lecturer ............................................. 1 512
11. B. F. von Turkovich, Lecturer in Industrial Engineering ... 1 512
12. D. L. Mykkkanen, Instructor ..................................... 1 223
13. M. B. Singer, Instructor .......................................... 1 334
14. E. B. Gaither, Instructor ......................................... 1 178
15. R. A. White, Assistant ........................................... 1 078
16. R. J. Golik, Assistant ............................................ ½ 423
17. G. D. Davis, Instructor .......................................... 1 112
18. D. W. Dareing, Assistant ........................................ ½ 212
19. S. R. Khastgir, Assistant ........................................ ½ 212

Mining and Metallurgical Engineering
1. F. D. Wright, Professor of Mining Engineering (June 15 to July 4) ........................................... ½ $ 384
2. G. R. Eadie, Assistant Professor of Mining Engineering (June 15 to July 4) ........................................... ½ 305

Music
1. Bjornar Bergethon, Professor ...................................... $ 2 312
2. H. A. Decker, Professor ........................................... 2 223
3. B. R. Foote, Professor ........................................... 2 267
4. W. S. Goldthwaite, Professor .................................... ½ 1 393
5. P. S. Pettinga, Professor ........................................ 2 000
6. Dragan Flamenac, Professor ....................................... ½ 1 526
7. Charles Leonhard, Professor ...................................... 2 312
8. Paul Rolland, Professor ........................................... 2 089
9. W. L. Roosa, Professor ........................................... ½ 1 000
10. Sherman Schoonmaker, Professor (July 5 to 18) .............. 556
11. H. O. Sexton, Professor ......................................... 1 887
12. G. R. Waller, Professor .......................................... 1 807
13. L. E. Zirner, Professor ........................................... 1 956
14. J. R. Kelly, Associate Professor ................................ 1 712
15. E. D. Kisinger, Associate Professor (See Bands) ............ ½ 805

  (Total Salary) .................................................... (894)

16. A. J. McDowell, Associate Professor ................................ 1 789
17. R. H. Swenson, Associate Professor .............................. ¾ 1 350
18. A. M. Carter, Assistant Professor ................................ ½ 405
19. Dorothy F. Clark, Assistant Professor ........................... 1 178
20. R. E. Gray, Assistant Professor ................................... ¾ 889
21. D. A. Ledet, Assistant Professor ................................... ½ 830
22. E. J. Krollick, Instructor .......................................... 1 312
Board of Trustees

Part-time

Salary

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Philosophy

1. D. W. Gotschalk, Professor and Chairman of Department |
2. M. H. Fisch, Professor |
3. F. L. Will, Professor |
4. Leonard Linsley, Associate Professor |
5. H. S. Harris, Assistant Professor |

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Physical Education for Men

1. T. K. Cureton, Professor |
2. H. E. Kenney, Professor |
3. A. W. Hubbard, Associate Professor |
4. H. J. Braun, Assistant Professor |
5. R. E. Fletcher, Assistant Professor |
6. A. J. Barry, Assistant Professor |
7. C. W. Dempsey, Assistant |
8. C. B. Studley, Assistant |
9. R. A. Ginn, Assistant |
10. Dean Trembly, Assistant |
11. Assistant |

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Physical Education for Women

1. Beulah J. Drom, Assistant Professor |
2. Marjorie M. Harris, Instructor |
3. Annelis S. Jensen, Instructor |
4. Marjorie A. Souder, Instructor (June 15 to July 11) |
5. Beverly D. Wilson, Assistant |

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Physics

1. C. W. Sherwin, Professor |
2. F. A. Otter, Instructor |
3. Assistant |
4. Assistant |
5. Assistant |
6. Assistant |
7. Assistant |
8. Assistant |
9. Icko Iben, Jr., Visiting Lecturer |
|     | (46 Meacham Street, Williamstown, Massachusetts) |
10. Assistant |

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### Physiology

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<td>1. J. D. Anderson, Associate Professor</td>
<td>$1,680</td>
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<tr>
<td>2. Frederick Sargent II, Associate Professor</td>
<td>$1,600</td>
</tr>
<tr>
<td>3. S. G. Stolpe, Assistant Professor</td>
<td>$1,450</td>
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<tr>
<td>4. ————, Assistant</td>
<td>$400</td>
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### Political Science

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<tr>
<td>C. B. Hagan, Professor</td>
<td>$2,078</td>
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<td>G. L. Wilhelm, Assistant Lecturer</td>
<td>$1,600</td>
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(Wisconsin State College, River Falls, Wisconsin)

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<tbody>
<tr>
<td>W. E. Miller, Visiting Lecturer</td>
<td>$2,200</td>
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(Survey Research Center, University of Michigan, Ann Arbor, Michigan)

### Psychology

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<tr>
<td>G. D. Higginson, Professor</td>
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</tr>
<tr>
<td>O. H. Mowrer, Professor</td>
<td>$1,445</td>
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(See Education) | $1,444 |

(Total Salary) | $2,889 |

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<tr>
<td>Jozef Cohen, Associate Professor</td>
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<td>Frank Costin, Associate Professor</td>
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<tr>
<td>W. G. McAllister, Associate Professor</td>
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<td>D. T. Shannon, Assistant Professor</td>
<td>$556</td>
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<tr>
<td>————, Instructor</td>
<td>$523</td>
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($9,937)

### Recreation

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<tr>
<td>C. K. Brightbill, Professor and Head of Department</td>
<td>$2,945</td>
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<tr>
<td>A. V. Saporas, Associate Professor</td>
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($4,912)

### Sociology and Anthropology

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<td>J. E. Hulett, Jr., Professor of Sociology and Chairman of Department</td>
<td>$1,112</td>
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<td>J. C. McGregor, Professor of Anthropology</td>
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<td>E. H. Winter, Associate Professor of Anthropology</td>
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<td>B. F. Timmons, Associate Professor of Sociology</td>
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<tr>
<td>J. R. Gusfield, Assistant Professor of Sociology</td>
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<tr>
<td>————, Assistant in Anthropology</td>
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<tr>
<td>————, Assistant in Sociology</td>
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Gilbert Shapiro, Visiting Lecturer in Sociology | $2,000 |

(237 Oak Street, Oberlin, Ohio)

($12,337)

### Spanish and Italian

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<td>H. R. Kahane, Professor of Spanish</td>
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<td>J. H. D. Allen, Jr., Professor of Spanish</td>
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<td>J. S. Flores, Associate Professor of Spanish</td>
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<td>P. P. Ellison, Assistant Professor of Spanish</td>
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<td>M. H. Forster, Assistant in Spanish</td>
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<td>Verna K. Townsend, Assistant</td>
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($9,714)

### Speech

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<td>E. T. Curry, Professor</td>
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<td>B. W. Hewitt, Professor</td>
<td>$1,167</td>
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(See University Theatre) | $1,167 |

(Total Salary) | $2,334 |

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<tr>
<td>Marie Hochmuth, Professor</td>
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<tr>
<td>Position</td>
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<td>4.</td>
<td>Severina E. Nelson, Professor</td>
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<td>5.</td>
<td>J. W. Swanson, Professor</td>
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<td>R. E. Nadeau, Associate Professor</td>
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<td>7.</td>
<td>M. T. Cobin, Assistant Professor</td>
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<td>8.</td>
<td>C. L. Hutton, Assistant Professor</td>
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<td>W. E. Brockriede, Assistant Professor</td>
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<td>(See Summer Debaters Youth Workshop)</td>
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<tr>
<td>10.</td>
<td>K. W. Broadrick, Assistant Professor</td>
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<td>11.</td>
<td>Theodore Clevenger, Jr., Instructor</td>
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**University Theatre and Summer Youth Theatre Program**

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<td>B. W. Hewitt, Professor</td>
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<td>(Total Salary)</td>
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<tr>
<td>2.</td>
<td>C. H. Shattuck, Professor</td>
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<tr>
<td>3.</td>
<td>Genevieve Richardson, Assistant Professor</td>
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<td>4.</td>
<td>W. L. Smalley, Instructor</td>
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<td>5.</td>
<td>G. W. McKinney, Instructor</td>
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<td>6.</td>
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**University Speech Clinic**

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<tbody>
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<td>1.</td>
<td>Severina E. Nelson, Director of Speech Clinic</td>
<td>3/4</td>
<td>$525</td>
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<td>2.</td>
<td>Marie O. Shere, Assistant Professor</td>
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<td>$1,323</td>
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<td>3.</td>
<td>Frances L. Johnson, Instructor</td>
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<td>4.</td>
<td>Jane B. Archer, Assistant</td>
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<td>Jerry Griffith, Assistant</td>
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**Summer Debaters Youth Workshop**

<table>
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<td>2.</td>
<td>K. W. Broadrick, Assistant Professor</td>
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<td>3.</td>
<td>Fanny Jane Blankenship, Assistant</td>
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**Theoretical and Applied Mechanics**

<table>
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<th>Summer Salary</th>
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<td>2.</td>
<td>P. G. Jones, Professor</td>
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<td>3.</td>
<td>C. E. Kesler, Professor</td>
<td>3/3</td>
<td>$500</td>
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<td>4.</td>
<td>W. M. Lansford, Professor</td>
<td>3/3</td>
<td>$2,423</td>
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<tr>
<td>5.</td>
<td>J. O. Smith, Professor</td>
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<td>$1,675</td>
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<td>Part-time</td>
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<tr>
<td>6. C. E. Taylor, Professor</td>
<td>17/100 $ 349</td>
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<tr>
<td>7. O. M. Sidebottom, Professor</td>
<td>17/100 312</td>
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<tr>
<td>8. H. R. Wetenkamp, Associate Professor</td>
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<tr>
<td>9. W. J. Worley, Associate Professor</td>
<td>½ 823</td>
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<tr>
<td>10. A. C. Bianchini, Assistant Professor</td>
<td>½ 723</td>
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<td>11. T. M. Elsesser, Assistant Professor</td>
<td>½ 723</td>
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<tr>
<td>12. R. S. Jensen, Assistant Professor</td>
<td>½ 712</td>
<td></td>
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<tr>
<td>13. J. W. Baldwin, Instructor</td>
<td>½ 400</td>
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<tr>
<td>14. S. R. Keim, Instructor</td>
<td>½ 400</td>
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<tr>
<td>15. J. W. Murdock, Instructor</td>
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Zoology

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<thead>
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<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>S. C. Kendeigh, Professor</td>
</tr>
<tr>
<td>Lester Ingle, Professor</td>
</tr>
<tr>
<td>H. M. Smith, Professor</td>
</tr>
<tr>
<td>M. R. Matteson, Associate Professor</td>
</tr>
<tr>
<td>W. J. Birge, Assistant Professor</td>
</tr>
<tr>
<td>R. A. Jersild, Jr., Assistant</td>
</tr>
<tr>
<td>John Hall, Assistant</td>
</tr>
<tr>
<td>W. E. McCaul, Assistant</td>
</tr>
<tr>
<td>J. B. Olson, Assistant</td>
</tr>
</tbody>
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Total, Urbana-Champaign

| Reserve (to be assigned by the Dean of the Summer Session) | $ 5 949 |

CHICAGO PROFESSIONAL COLLEGES

Pharmacy

<table>
<thead>
<tr>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. J. Perkins, Associate Professor of Chemistry (June 22 to August 1)</td>
</tr>
<tr>
<td>Ralph Daniels, Associate Professor of Chemistry (June 22 to August 1)</td>
</tr>
<tr>
<td>B. J. Babler, Professor of Physical Science (August 3 to September 12)</td>
</tr>
<tr>
<td>P. D. Carpenter, Associate Professor of Zoology (August 3 to September 12)</td>
</tr>
<tr>
<td>S. V. Susina, Assistant Professor (June 22 to August 1)</td>
</tr>
<tr>
<td>Bernard Greenberg, Assistant Professor of Zoology (August 22 to August 1)</td>
</tr>
<tr>
<td>C. K. Hunt, Associate Professor of Physical Science (August 3 to September 12)</td>
</tr>
<tr>
<td>F. P. Siegel, Assistant Professor (August 3 to September 12)</td>
</tr>
<tr>
<td>Bernard Ecanow, Assistant Professor (August 3 to September 12)</td>
</tr>
<tr>
<td>A. C. Core, Instructor in Physics (June 22 to August 1)</td>
</tr>
<tr>
<td>F. A. Turner, Instructor in Chemistry (August 3 to September 12)</td>
</tr>
<tr>
<td>C. M. Wieczorek, Assistant (August 3 to September 12)</td>
</tr>
<tr>
<td>R. A. Schumacher, Assistant in Pharmacognosy (August 3 to September 12)</td>
</tr>
</tbody>
</table>

Total, Chicago Professional Colleges

| ($13 391) |

CHICAGO UNDERGRADUATE DIVISION

Administration and General

<table>
<thead>
<tr>
<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>Irwin K. Feinstein, Staff Counselor</td>
</tr>
<tr>
<td>Laurette A. Kirstein, Staff Counselor</td>
</tr>
<tr>
<td>Robert L. Miller, Staff Counselor</td>
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($ 3 490)
### Biology

<table>
<thead>
<tr>
<th>Name</th>
<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert S. Rouffa, Associate Professor</td>
<td>½</td>
<td>$ 867</td>
</tr>
<tr>
<td>William Gangster, Associate Professor</td>
<td>½</td>
<td>1 806</td>
</tr>
<tr>
<td>Sidney F. Glassman, Assistant Professor</td>
<td>½</td>
<td>1 512</td>
</tr>
<tr>
<td>Ellis B. Little, Assistant Professor</td>
<td>½</td>
<td>734</td>
</tr>
<tr>
<td>James A. Bond, Instructor</td>
<td>½</td>
<td>1 112</td>
</tr>
<tr>
<td>Charles Scudder, Instructor</td>
<td>½</td>
<td>978</td>
</tr>
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</table>

### Humanities

<table>
<thead>
<tr>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>Ernest S. Willner, Associate Professor of Foreign Languages</td>
<td>½</td>
<td>$ 1 600</td>
</tr>
<tr>
<td>Arnold J. Hartoch, Assistant Professor of Foreign Languages</td>
<td>½</td>
<td>1 038</td>
</tr>
<tr>
<td>Robert Kauf, Assistant Professor of Foreign Languages</td>
<td>½</td>
<td>1 423</td>
</tr>
<tr>
<td>Marie E. Lein, Assistant Professor of Foreign Languages</td>
<td>½</td>
<td>1 512</td>
</tr>
<tr>
<td>John O. Marsh, Jr., Assistant Professor of Foreign Languages</td>
<td>½</td>
<td>940</td>
</tr>
<tr>
<td>Constance Nicholas, Assistant Professor of English</td>
<td>½</td>
<td>1 512</td>
</tr>
<tr>
<td>Carl Pitt, Assistant Professor of Speech</td>
<td>½</td>
<td>778</td>
</tr>
<tr>
<td>Samuel A. Weiss, Assistant Professor of English</td>
<td>½</td>
<td>1 289</td>
</tr>
<tr>
<td>Johanna Braunfeld, Instructor in Foreign Languages</td>
<td>½</td>
<td>1 289</td>
</tr>
<tr>
<td>Janice M. Crews, Instructor in Speech</td>
<td>½</td>
<td>334</td>
</tr>
<tr>
<td>Mary T. Gallagher, Instructor in English</td>
<td>½</td>
<td>200</td>
</tr>
<tr>
<td>Guinevere Griest, Instructor in English</td>
<td>½</td>
<td>289</td>
</tr>
<tr>
<td>Eugene J. McNamara, Instructor in English</td>
<td>½</td>
<td>1 023</td>
</tr>
<tr>
<td>Sonia Miller, Instructor in English</td>
<td>½</td>
<td>334</td>
</tr>
<tr>
<td>David A. Munro, Instructor in English</td>
<td>½</td>
<td>1 156</td>
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<tr>
<td>Cecilia Rudin, Instructor in English</td>
<td>½</td>
<td>289</td>
</tr>
<tr>
<td>Ferdina J. Tort, Instructor in Foreign Languages</td>
<td>½</td>
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</table>

### Mathematics

<table>
<thead>
<tr>
<th>Name</th>
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<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evelyn Frank, Professor</td>
<td>½</td>
<td>$ 1 556</td>
</tr>
<tr>
<td>Herbert Curtis, Assistant Professor</td>
<td>½</td>
<td>1 205</td>
</tr>
<tr>
<td>Louis Pennisi, Assistant Professor</td>
<td>½</td>
<td>1 297</td>
</tr>
<tr>
<td>Louis Gordon, Instructor</td>
<td>½</td>
<td>1 000</td>
</tr>
<tr>
<td>Roger G. Hill, Instructor</td>
<td>½</td>
<td>1 090</td>
</tr>
<tr>
<td>Rose Lariviere, Instructor</td>
<td>½</td>
<td>1 112</td>
</tr>
<tr>
<td>Grace Nolan, Instructor</td>
<td>½</td>
<td>1 020</td>
</tr>
<tr>
<td>Thomas Ondrak, Instructor</td>
<td>½</td>
<td>1 289</td>
</tr>
<tr>
<td>L. Sjoblom, Instructor</td>
<td>½</td>
<td>853</td>
</tr>
<tr>
<td>Rose Vedral, Instructor</td>
<td>½</td>
<td>1 020</td>
</tr>
<tr>
<td>Leo Zimnek, Instructor</td>
<td>½</td>
<td>1 023</td>
</tr>
<tr>
<td>W. Henderleiter, Assistant Professor</td>
<td>½</td>
<td>741</td>
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### Physical Science

<table>
<thead>
<tr>
<th>Name</th>
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<th>Summer Salary</th>
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</thead>
<tbody>
<tr>
<td>F. B. Crum, Professor</td>
<td>½</td>
<td>$ 1 956</td>
</tr>
<tr>
<td>Joseph Bachrach, Associate Professor</td>
<td>½</td>
<td>1 623</td>
</tr>
<tr>
<td>Rosalind A. Klaas, Assistant Professor</td>
<td>½</td>
<td>1 423</td>
</tr>
<tr>
<td>J. V. Mansfield, Assistant Professor</td>
<td>½</td>
<td>1 623</td>
</tr>
<tr>
<td>Samuel Schrage, Assistant Professor</td>
<td>½</td>
<td>1 512</td>
</tr>
<tr>
<td>Sabine H. Casten, Instructor</td>
<td>½</td>
<td>1 112</td>
</tr>
<tr>
<td>R. E. DeMar, Instructor</td>
<td>½</td>
<td>1 067</td>
</tr>
<tr>
<td>Anatol Gottlieb, Instructor</td>
<td>½</td>
<td>1 334</td>
</tr>
<tr>
<td>Elaine Z. Herzog, Instructor</td>
<td>½</td>
<td>1 007</td>
</tr>
<tr>
<td>L. N. Kurs, Instructor</td>
<td>½</td>
<td>830</td>
</tr>
<tr>
<td>I. Sackheim, Instructor</td>
<td>½</td>
<td>1 334</td>
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<tr>
<td>J. R. Dafer, Instructor</td>
<td>½</td>
<td>956</td>
</tr>
<tr>
<td>R. E. Johnson, Instructor</td>
<td>½</td>
<td>1 023</td>
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</table>

### Social Sciences

<table>
<thead>
<tr>
<th>Name</th>
<th>Part-time</th>
<th>Summer Salary</th>
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<tbody>
<tr>
<td>Hollis W. Barber, Professor</td>
<td>½</td>
<td>$ 2 178</td>
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<tr>
<td>Alden D. Cutshall, Professor</td>
<td>½</td>
<td>1 705</td>
</tr>
<tr>
<td>Peter P. Klassen, Professor</td>
<td>½</td>
<td>1 912</td>
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</table>
### Part-time

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>4.</td>
<td>Eli A. Lipman, Professor</td>
<td>4/6</td>
<td>$1,012</td>
</tr>
<tr>
<td>5.</td>
<td>Stanley L. Jones, Associate Professor</td>
<td>3/4</td>
<td>1,645</td>
</tr>
<tr>
<td>6.</td>
<td>D. J. Morris, Associate Professor</td>
<td>2/6</td>
<td>1,778</td>
</tr>
<tr>
<td>7.</td>
<td>Louis Unfer, Assistant Professor</td>
<td>1/6</td>
<td>1,000</td>
</tr>
<tr>
<td>9.</td>
<td>Vivian C. Lipman, Instructor</td>
<td>1/2</td>
<td>685</td>
</tr>
<tr>
<td>8.</td>
<td>Charles P. Warren, Instructor</td>
<td>1/2</td>
<td>534</td>
</tr>
<tr>
<td>11.</td>
<td>James S. Chase, Visiting Lecturer</td>
<td>1/2</td>
<td>480</td>
</tr>
</tbody>
</table>

### Summer Salary

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>Eli A. Lipman, Professor</td>
<td>4/6</td>
<td>$1,012</td>
</tr>
<tr>
<td>5.</td>
<td>Stanley L. Jones, Associate Professor</td>
<td>3/4</td>
<td>1,645</td>
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<tr>
<td>6.</td>
<td>D. J. Morris, Associate Professor</td>
<td>2/6</td>
<td>1,778</td>
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<tr>
<td>7.</td>
<td>Louis Unfer, Assistant Professor</td>
<td>1/6</td>
<td>1,000</td>
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<tr>
<td>9.</td>
<td>Vivian C. Lipman, Instructor</td>
<td>1/2</td>
<td>685</td>
</tr>
<tr>
<td>8.</td>
<td>Charles P. Warren, Instructor</td>
<td>1/2</td>
<td>534</td>
</tr>
<tr>
<td>11.</td>
<td>James S. Chase, Visiting Lecturer</td>
<td>1/2</td>
<td>480</td>
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### Engineering

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1.</td>
<td>H. M. Skadeland, Associate Professor of Physics</td>
<td>2/6</td>
<td>$1,712</td>
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<tr>
<td>2.</td>
<td>W. R. Anderson, Assistant Professor of Physics</td>
<td>1/2</td>
<td>1,490</td>
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<tr>
<td>3.</td>
<td>O. Livermore, Assistant Professor of Physics</td>
<td>1/2</td>
<td>1,660</td>
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<tr>
<td>4.</td>
<td>M. W. Minkler, Assistant Professor of Physics</td>
<td>1/2</td>
<td>1,378</td>
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<tr>
<td>7.</td>
<td>J. N. Pappademos, Assistant Professor of Physics</td>
<td>1/2</td>
<td>1,445</td>
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<tr>
<td>9.</td>
<td>William DeFotis, Instructor in General Engineering</td>
<td>1/2</td>
<td>1,089</td>
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### Commerce

<table>
<thead>
<tr>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>W. J. Dunne, Assistant Dean and Instructor in Economics</td>
<td>1/2</td>
<td>$689</td>
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<tr>
<td>2.</td>
<td>Samuel Fox, Professor of Accountancy</td>
<td>1/2</td>
<td>1,078</td>
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<tr>
<td>3.</td>
<td>W. D. Grampp, Professor of Economics</td>
<td>1/2</td>
<td>867</td>
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<tr>
<td>4.</td>
<td>C. H. Gillett, Associate Professor of Economics</td>
<td>1/2</td>
<td>889</td>
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<tr>
<td>5.</td>
<td>A. J. Schneider, Associate Professor of Accountancy</td>
<td>1/2</td>
<td>1,074</td>
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<td>E. C. Knudson, Assistant Professor of Economics</td>
<td>1/2</td>
<td>312</td>
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<td>7.</td>
<td>W. G. G. B. Geldard, Instructor in Economics</td>
<td>1/2</td>
<td>1,159</td>
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<tr>
<td>8.</td>
<td>C. M. Larson, Instructor in Economics</td>
<td>1/2</td>
<td>334</td>
</tr>
<tr>
<td>9.</td>
<td>A. T. Malinosky, Instructor in Accountancy</td>
<td>1/2</td>
<td>200</td>
</tr>
<tr>
<td>10.</td>
<td>Oscar Miller, Instructor in Economics</td>
<td>1/2</td>
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</table>

### Physical Education

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Helen Barton, Associate Professor</td>
<td>1/2</td>
<td>$889</td>
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<td>2.</td>
<td>B. Montcalm, Instructor</td>
<td>1/2</td>
<td>623</td>
</tr>
<tr>
<td>3.</td>
<td>G. Strnad, Instructor</td>
<td>1/2</td>
<td>112</td>
</tr>
<tr>
<td>4.</td>
<td>W. G. Versen, Instructor</td>
<td>1/2</td>
<td>289</td>
</tr>
<tr>
<td>5.</td>
<td>D. Anderson, Assistant Professor</td>
<td>1/2</td>
<td>445</td>
</tr>
</tbody>
</table>

| Sub-total, Chicago Undergraduate Division | 3/4 | $4,358 |

| Unassigned (to be assigned by the Dean of the Undergraduate Division when enrollments require additional staff) | 3/4 | $858  |

| Total, Chicago Undergraduate Division | 3/4 | $10,000 |

### Sabbatical Leaves of Absence

(6) The following sabbatical leaves of absence during the academic year 1959-60 are recommended as supplementary to the list of leaves approved by the Board of Trustees on March 12, 1959:

- **A. W. Burger**, Associate Professor of Agronomy, first semester, full pay; to study teaching of crops in the Midwest—Nebraska, Iowa, Michigan State, Purdue—in order to collect and prepare materials for teaching and counseling.
- **Gertrude E. Kaiser**, Assistant Professor of Home Economics Extension, October 1, 1959—March 31, 1960, full pay; to study adult education development.
- **Bjornar Berghen**, Professor of Music, second semester, full pay; to study contemporary trends in music and music education in the Scandinavian countries.

On motion of Mr. Hughes, these leaves were granted as recommended.
IMPROVEMENTS AT UNIVERSITY OF ILLINOIS AIRPORT

(7) The Board has authorized an application to the Civil Aeronautics Administration for funds for one-half of the cost, $160,000, for enlarging the apron and providing roads, walks, parking, and fencing at the University Airport. The development of plans, including installation of some additional utilities under the ramps, indicates that the total costs will be at least $247,600. The matching funds are to be provided by the State Department of Aeronautics from funds to be appropriated by the Seventy-first General Assembly.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that an application for the revised amount be authorized.
I concur.

On motion of Mr. Harewood, this recommendation was approved.

PURCHASE OF LAND FOR RADIO TELESCOPE

(8) The University has purchased approximately two hundred acres of land in Vermilion County, near Danville, Illinois, as the site for the construction of a radio telescope for the Department of Astronomy under a research contract with the Office of Naval Research.

To provide adequate drainage at the immediate site of the telescope it is necessary either to reroute a small stream or to construct a very expensive conduit for the stream. The cost of rerouting will be relatively small but to do this will require traversing an area immediately adjacent to the site of the instrument and it will be necessary to acquire some adjoining land. A narrow strip approximately fifty feet in width and a total area of two acres will suffice for this purpose, and this additional land will also facilitate grading at the corner of the site of the instrument which will reduce construction costs. The owner of the adjoining land, Mr. Benhard Vogt of Georgetown, Illinois, has agreed to sell the two-acre strip needed for $200. This tract may be described as follows:

The North (N) fifty (50) feet of the East (E) forty (40) acres of the North fraction of the North East Quarter (NE ¼) of Section Two (2), Township Eighteen North (T18N), Range Eleven West (R11W) of the Second Principal Meridian (2nd P.M.) being the North (N) fifty (50) feet of the East (E) forty (40) acres of all that part of said North East Quarter (NE ¼) North of the Vermilion River, situated in the Township of McKendree, in the County of Vermilion and State of Illinois.

Writing of the specifications for the construction of the radio telescope could not proceed until a decision was made as to the availability of this tract. To avoid delay of the project, a payment of $200 was made to Mr. Vogt as a 100 per cent option on the land, in return for which he has given the University a warranty deed for the tract required.

The Vice-President and Comptroller recommends that the Board of Trustees authorize the purchase of this land by exercising the option taken, which in effect will constitute payment in full for the land, and the recording of the warranty deed already delivered to the University.
I concur.

On motion of Mr. Swain, the purchase of this land was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

APPROPRIATION FOR REMODELING AND EQUIPMENT

(9) The Committee on Nonrecurring Appropriations recommends the following assignments of funds for remodeling and equipment from the state capital appropriation for 1957-59 for contingencies. There is an unexpended balance in that appropriation which may be used for the expenditures listed below.

College of Agriculture, remodeling in Mumford Hall for Department of Forestry. ................................................. $ 8,340

College of Commerce and Business Administration, installation of partitions, new lighting, rewiring, air conditioning in offices in David Kinley Hall. ......................................................... 7,200
College of Engineering, remodeling of Civil Engineering Hall to provide additional office space.................................................. 15,000
College of Liberal Arts and Sciences, construction of a building for the Department of Astronomy on the radio telescope site........................................ 11,000
College of Education, equipment for University High School................................. 2,950
Library, remodeling in Smith Music Hall for School of Music Library.......................... 11,500
College of Veterinary Medicine, repairing barns.................................................. 7,000
Chicago Professional Colleges
Installation of emergency call system to nursing stations...$ 5,830
Equipment for Department of Radiology.................................................. 16,900
Total.......................................................... $85,810
I concur.

On motion of Mr. Johnston, these assignments of funds were authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

SUPPLEMENTAL APPROPRIATIONS
(10) The budgetary provisions for 1958-59 for wages, expense, and equipment in several departments are inadequate. The Vice-President and Provost and the Vice-President and Comptroller recommend that the following supplementary assignments be made from the General Reserve:

Graduate College Administration.............................................. $ 6,000
Geology............................................................... 6,500
McKinley Hospital.......................................................... 20,000
Psychology.............................................................. 6,000
Public Information.......................................................... 4,500
Sociology and Anthropology.................................................. 3,340
Chemistry and Chemical Engineering........................................ 20,000
President’s Office....................................................... 7,500
Public Functions......................................................... 10,500
Board of Trustees.......................................................... 8,500
Veterinary Clinical Medicine................................................. 6,000
Library................................................................. 9,300
Student Counseling Service.................................................. 4,500
Total................................................................. $121,040
I concur.

On motion of Mr. Swain, these assignments of funds were authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

RELOCATION OF FACILITIES AT CHICAGO UNDERGRADUATE DIVISION
(11) In preparation for St. Lawrence Seaway traffic the city of Chicago will need to provide railroad trackage in the roadway at Navy Pier and railroad siding for storage of freight cars. This will require removal and relocation of a greenhouse and chemical storage vault used by the Chicago Undergraduate Division, and as a consequence of this the relocation of certain utilities and rebuilding of some steps and loading platforms.

The University will be required to pay for some of these changes at an estimated cost not to exceed $20,000. The University has on deposit in the First National Bank of Chicago $200,000 in escrow to provide for the restoration of the areas of Navy Pier now occupied by the University when it is vacated. Under the escrow agreement, these funds may be invested by the University. At present, the escrow funds consist of $235,000 of par value of United States Treasury Bonds and Notes and $7,248.69 in cash, the securities representing a cost of $234,992.80. Negotiations are under way with city officials as to the possibility of using up to $20,000 of the excess over $200,000 in the escrow funds to pay the cost of the
University's share of the work to be done at Navy Pier, but it may be several months before a decision is reached as to such use of these funds. If the interest earnings of the escrow funds can not be used, a special appropriation will be necessary to cover the cost of the work.

In the meantime, in order that this remodeling program be not delayed, the Director of the Physical Plant and the Vice-President and Comptroller request authorization to proceed with the necessary work with the understanding that the cost will be paid from the escrow funds or from an appropriation from the General Reserve to be made later.

I concur.

On motion of Mrs. Watkins, this recommendation was approved, and authority was given as requested, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR CONSTRUCTION OF GRADUATE STUDENT RESIDENCE HALL**

Bids were taken on February 17, 1959, for the construction of a residence hall to house 307 graduate students to be financed, except for the purchase of movable equipment, by a loan from the Housing and Home Finance Agency which has given preliminary approval to an application for a loan of $1,395,003. Felmley-Dickerson Company, Urbana, submitted the lowest base bid of $1,269,500, and alternate bids, as requested, on changes in the construction to provide 213 single and 94 double room accommodations instead of 66 single and 238 double rooms included in the base bid. The bid prices are firm until April 18, 1959.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize official notification of Felmley-Dickerson Company of the Board's intention to award this Company a contract for $1,349,000 (including the base bid plus the alternates) upon approval of the loan agreement by the Housing and Home Finance Agency; and that the Board authorize Felmley-Dickerson Company to proceed with the construction of the building, provided that total expenditures do not exceed $100,000 prior to execution of the contract. The additional income from the increased number of single rooms will more than amortize the additional cost over the life of the bonds. Assurances have been received from the Housing and Home Finance Agency that the loan will be approved; it is a matter of completing the necessary details. The contractors are willing to proceed on this basis so that construction will be on schedule and the building will be ready for occupancy in September, 1960.

Funds are available in Housing Division reserves for the construction payments which become due prior to the execution of the contract and can be permanently assigned to the project in the unlikely event the contract can not be executed. The assignment of up to $100,000 from this source is recommended as an advance to be repaid when financing has been completed.

I recommend approval of this interim financing and that the Comptroller be authorized to notify the contractor to proceed accordingly. The contract will be submitted to the Board for approval when processing of the loan has been completed.

On motion of Mr. Clement, this recommendation was approved, and authority was given as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR REPLACEMENT OF SKYLIGHT IN ENGLISH BUILDING**

The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for $4,760 to the Limbach Company, Columbus, Ohio, the lowest bidder, for the replacement of the skylight in the English Building on Wright Street.
Funds are available in the Physical Plant Department budget for the current year.
I concur.

On motion of Mr. Pogue, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR INSTALLATION OF CUBICLES IN LIBRARY OF BIOLOGY BUILDING**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $16,970 to E. F. Hauserman Company, Cleveland, Ohio, the lowest bidder, for installation of cubicles in the library of the new Biology Building.

Funds are available in the state appropriation for the construction of this building.
I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT WITH OZARK AIR LINES FOR THE USE OF UNIVERSITY OF ILLINOIS AIRPORT**

(15) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend renewal of the lease with Ozark Air Lines, Inc. for use of the University Airport for five years from July 1, 1959, on the following terms:

1. Landing fees of $360.00 a month for up to fifteen scheduled flights a day, plus $1.00 per 1,000 pounds per month on aircraft over 28,000 pounds gross weight; proportional fees to be charged for flights in excess of fifteen a day.
2. Rental of office space at $3.50 per square foot per year (a total of 1,417 square feet is assigned to Ozark, making the annual rental $4,959.50); basement storage space to be available at $1.00 per square foot per year; until the new terminal building is occupied, rental of existing space will continue at the present rate of $75.00 per month.
3. Use of loud speaker system at a rental of $10.00 a month.
4. Gasoline and oil sales at cost plus a handling charge of four cents a gallon for gas and twenty-five cents a gallon for oil.
I concur.

On motion of Mr. Clement, the renewal of this lease, on the terms recommended, was authorized.

**SALE OF SECURITIES**

(16) The Finance Committee recommends adoption of the following resolutions authorizing the sale of securities representing investments of University trust funds.

Resolution

**WHEREAS,** The Board of Trustees of the University of Illinois is the owner of 700 shares of Maryland Casualty Company, and

**WHEREAS,** The Finance Committee of said Board has determined that it is advantageous to sell the above listed securities.

**NOW, THEREFORE, BE IT RESOLVED** by the Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

These securities represent a portion of the investment of the George A. Miller Endowment.

On motion of Mr. Swain, the foregoing resolution was adopted.
Resolution

WHEREAS, The Board of Trustees of the University of Illinois is the owner of the following stocks:
100 Safeway Stores, Incorporated
2 Standard Oil Company of New Jersey
1 U. S. Life Insurance Company, and

WHEREAS, The Finance Committee of said Board has determined that it is advantageous to sell the above listed securities.

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

These securities were given to the University by Mrs. Edith B. May of Port Washington, New York, as the initial gift to establish the David T. May Student Loan Fund as a memorial to her late husband, David T. May, of the Class of 1905. She has provided in her will an additional bequest for this fund which may be used either for scholarships and/or loans to students.

On motion of Mr. Swain, the foregoing resolution was adopted.

PURCHASES

(17) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise stated, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labline plant growth chamber, 230 volt a.c. current, equipped with sealed chamber, activated carbon filter, programmer and humidistat</td>
<td>Biological Sciences, Chicago Undergraduate Division</td>
<td>Chicago Apparatus Co., Chicago</td>
<td>$4 125 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Three Tektronix No. 515A oscilloscopes</td>
<td>Chemistry and Chemical Engineering</td>
<td>Tektronix, Inc., Elmwood Park</td>
<td>2 718 50 f.o.b. Portland, Ore.</td>
</tr>
<tr>
<td>Three No. H510 viewing hoods</td>
<td>General Chemical Stores</td>
<td>Arthur S. LaPine &amp; Co., Chicago</td>
<td>24 517 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One lot laboratory glassware and assorted apparatus</td>
<td>Digital Computer Laboratory</td>
<td>Armour Electronics, Los Angeles, Calif.</td>
<td>2 750 00 f.o.b. Los Angeles, Calif.</td>
</tr>
<tr>
<td>Five Armour model 210 transistorized power supplies with meter; output 0-10 volts, 0-30 amps.; ripple 1 mv rms, or .01 per cent; recovery time 50 microseconds; regulation .01 per cent or 30 mv</td>
<td>Digital Computer Laboratory</td>
<td>Armour Electronics, Los Angeles, Calif.</td>
<td>4 100 00 f.o.b. Los Angeles, Calif.</td>
</tr>
<tr>
<td>One microtome, immersion, complete with accessories</td>
<td>Electrical Engineering</td>
<td>Philips Electronics, Inc., Chicago</td>
<td>22 136 00 f.o.b. Vernon, N.Y.</td>
</tr>
<tr>
<td>X-ray diffraction equipment, including the following plus related equipment: X-ray generator and control 60 KVP, circuit panel, linear amplifier</td>
<td>Geology</td>
<td>University of Rochester Institute of Optics, Rochester, N.Y.</td>
<td>3 450 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Two diffraction tubes</td>
<td>College of Law</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>21 010 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------------------</td>
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</tr>
<tr>
<td>450 copies each of eight issues of the <em>Journal of English and German Philology</em> to be printed during the two-year period, July, 1959, to July, 1961</td>
<td>University Press</td>
<td>George Banta Co., Chicago</td>
<td>$13 500 88</td>
</tr>
<tr>
<td>Printing and binding 2,000 copies of <em>Mexican Government in Transition</em>, by Robert E. Scott</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>3 195 00</td>
</tr>
<tr>
<td>47,000 copies of the 1959-60 Undergraduate Study catalog of the University of Illinois (Urbana-Champaign colleges)</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>26 195 00</td>
</tr>
<tr>
<td>26,000 copies of the 1959-60 Undergraduate catalog of the University of Illinois Chicago Undergraduate Division</td>
<td>Office of the Executive Dean, Chicago Undergraduate Division</td>
<td>Drovers Journal Press, Chicago</td>
<td>5 137 50</td>
</tr>
<tr>
<td>Four curved sofas, sixteen lounge chairs, two coffee tables, for the Chicago Illini Union</td>
<td>Chicago Illini Union</td>
<td>Gilbert A. Force Co., Chicago</td>
<td>3 434 30</td>
</tr>
<tr>
<td>Two market forge compartment steamers</td>
<td>Housing Division</td>
<td>M. L. Brill &amp; Co., Chicago</td>
<td>3 227 50</td>
</tr>
<tr>
<td>64 tubular locks and 364 mortise locks for Men's Residence Halls (Barton, Lundgren, and Clark Houses) to replace the present lock system</td>
<td>Housing Division</td>
<td>Best Universal Lock Co., Inc., Chicago</td>
<td>2 628 72</td>
</tr>
<tr>
<td>One 1959 truck, van-insulated body, V-8 engine, 18,000 lbs. gross vehicle weight, maximum brake horse power 193.1</td>
<td>Housing Division</td>
<td>International Harvester Co., Springfield</td>
<td>3 813 58</td>
</tr>
<tr>
<td>White 50 per cent rag bond watermarked paper 22 x 34 as follows:</td>
<td>Office Supply Stores</td>
<td>Graham Paper Co., St. Louis, Mo.</td>
<td>11 608 98</td>
</tr>
<tr>
<td>400 reams 40 lb.</td>
<td></td>
<td>f.0.b.</td>
<td>delivered</td>
</tr>
<tr>
<td>100 reams 32 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 reams 26 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White 25 per cent rag bond watermarked paper 22 x 34 as follows:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500 reams 40 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>125 reams 32 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75 reams 26 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White enamel book paper as follows:</td>
<td>Office Supply Stores</td>
<td>West Virginia Pulp &amp; Paper Co., Chicago</td>
<td>10 290 98</td>
</tr>
<tr>
<td>200 reams 20 x 28 1/2 — 55 lb.</td>
<td></td>
<td>f.0.b.</td>
<td>delivered</td>
</tr>
<tr>
<td>100 reams 22 1/2 x 33 — 58 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100 reams 30 x 42 — 87 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500 reams 25 x 38 — 70 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>102 steel office desks and 206 steel filing cabinets for the Office Supply Storeroom stock, to be delivered in two shipments—June 1, 1950, and August 1, 1950</td>
<td>Office Supply Stores</td>
<td>Jack Sheean, Bloomington</td>
<td>20 781 20</td>
</tr>
<tr>
<td>One hundred steel bookshelf units, 56 in. wide x 9 1/4 in. deep x 84 in. high for stock</td>
<td>Office Supply Stores</td>
<td>Jack Sheean, Bloomington</td>
<td>3 100 00</td>
</tr>
<tr>
<td>One two-unit nested &quot;T&quot; hangar to be erected on foundation provided by the University</td>
<td>Institute of Aviation</td>
<td>Dresser-Ideo Co., Columbus, Ohio</td>
<td>9 322 00</td>
</tr>
<tr>
<td>Miscellaneous steel parts—angles, rolled steel sheets, rods—for stock to be used in building and equipment maintenance work</td>
<td>Physical Plant</td>
<td>Central Steel &amp; Wire Co., Chicago</td>
<td>5 205 51</td>
</tr>
<tr>
<td>140 squares 300 lb. shingles</td>
<td>Physical Plant</td>
<td>Bush Roofing Co., Champaign</td>
<td>3 026 72</td>
</tr>
<tr>
<td>120 rolls rag felt</td>
<td>Physical Plant</td>
<td>Robert C. Stout, Urbana</td>
<td>13 680 00</td>
</tr>
<tr>
<td>40 rolls 12 in. starter</td>
<td>Physical Plant</td>
<td>f.0.b.</td>
<td>delivered</td>
</tr>
<tr>
<td>8 rolls 24 in. valley roll</td>
<td>Physical Plant</td>
<td>f.0.b.</td>
<td>delivered</td>
</tr>
<tr>
<td>Approximately 4,800 tons of No. 8 crushed stone road binder as required for the two-year period July 1, 1959, through June 30, 1961</td>
<td>Physical Plant Storeroom</td>
<td>Champaign Builders Supply Co., Champaign</td>
<td>2 045 75</td>
</tr>
<tr>
<td>Approximately 2,500 bags (65 gal barrels) of Red Diamond or LeHigh brick mortar as required for the two-year period of July 1, 1959, through June 30, 1961</td>
<td>Physical Plant Storeroom</td>
<td>f.0.b.</td>
<td>delivered</td>
</tr>
</tbody>
</table>
BOARD OF TRUSTEES

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Builders' risk insurance under a completed value form on an estimated $1,250,000 insurable cost of construction for the Graduate Student Residence Hall; insurance to be carried for estimated fourteen months during the course of construction; coverage for two years with a pro-rata cancellation privilege; total two-year premiums are estimated at $1,049.18 of which $1,049.18 will be payable the first year</td>
<td>Physical Plant</td>
<td>Dickler Insurance Agency, representing the Freeport Insurance Co.— Nagle, 50</td>
<td>$1,567.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Taft &amp; Schmahl, Decatur, representing the Employers Mutual Casualty Co.— Nagle</td>
<td>$312.50</td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(18) The Comptroller's report of contracts executed during the period March 1 to 31, 1959.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Potash Institute, Inc.</td>
<td>Biochemical function of potassium by crop plants</td>
<td>$7,500.00</td>
<td>January 1, 1959</td>
</tr>
<tr>
<td>Association of American Railroads</td>
<td>Performance of filter materials in subdrains</td>
<td>$3,000.00</td>
<td>March 19, 1959</td>
</tr>
<tr>
<td>General Electric Co.</td>
<td>Effect of residual stress on fatigue life and the fading of residual stress at elevated temperatures</td>
<td>$12,500.00</td>
<td>January 30, 1959</td>
</tr>
<tr>
<td>Mark L. Morris Animal Foundation</td>
<td>Lead poisoning in the dog</td>
<td>$2,875.00</td>
<td>February 6, 1959</td>
</tr>
<tr>
<td>Ottawa Public Schools</td>
<td>Analysis of community growth by area</td>
<td>$2,500.00</td>
<td>March 13, 1959</td>
</tr>
<tr>
<td>Chas. F. Pfizer &amp; Co., Inc.</td>
<td>Organic synthesis</td>
<td>$7,257.00</td>
<td>March 9, 1959</td>
</tr>
<tr>
<td>Portland Cement Association</td>
<td>Lightweight reinforced concrete rigid frames for farm structures</td>
<td>$2,500.00</td>
<td>February 5, 1959</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare</td>
<td>Relation of neural metabolism to function</td>
<td>$17,582.00</td>
<td>March 2, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 46(638)-579</td>
<td>Electronic properties of silver and alkali halides</td>
<td>$93,825.00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Education</td>
<td>Surveys and demonstrations in the field of education</td>
<td>$24,593.00</td>
<td>March 9, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(27)</td>
<td>Numerical analysis switching circuit theory</td>
<td>$51,125.00</td>
<td>December 1, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(28)</td>
<td>Organic acid metabolism</td>
<td>$47,500.00</td>
<td>December 1, 1958</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(29)</td>
<td>Techniques and instrumentation for measuring acoustic attenuation</td>
<td>$12,874.00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(30)</td>
<td>Mechanism of halophilism in bacteria</td>
<td>$28,955.00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(31)</td>
<td>Spectral reflectance characteristics of forest vegetation</td>
<td>$27,513.00</td>
<td>February 1, 1959</td>
</tr>
</tbody>
</table>

Leases

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Harvester Co.</td>
<td>One No. 37 10 ft. 9 in. disk harrow</td>
<td>$62.24 annually</td>
<td>March 16, 1959</td>
</tr>
<tr>
<td>Massey-Ferguson, Inc.</td>
<td>One FEQ-30 Ferguson mower, 6 ft. cutter bar</td>
<td>$47.45 annually</td>
<td>March 25, 1959</td>
</tr>
</tbody>
</table>

Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Association of American Railroads</td>
<td>Causes of failures in railroad rails in service</td>
<td>$25,000.00</td>
<td>November 14, 1958</td>
</tr>
<tr>
<td>Dawe's Laboratories, Inc.</td>
<td>Rations for broiler production</td>
<td>$1,800.00</td>
<td>March 14, 1959</td>
</tr>
<tr>
<td>Moorman Manufacturing Co.</td>
<td>Poultry nutrition</td>
<td>$2,600.00</td>
<td>March 14, 1959</td>
</tr>
</tbody>
</table>
### UNIVERSITY OF ILLINOIS

<table>
<thead>
<tr>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>High energy bunched electron beams</td>
<td>$20,000.00</td>
</tr>
<tr>
<td>Gaseous electronics</td>
<td>$112,992.00</td>
</tr>
<tr>
<td>Evaluation of high temperature ins-</td>
<td>$16,946.07</td>
</tr>
<tr>
<td>ulation for wires</td>
<td></td>
</tr>
<tr>
<td>Dislocations and point defects</td>
<td>$42,719.00</td>
</tr>
<tr>
<td>Carcinogenicity of foods preserved</td>
<td>$16,998.00</td>
</tr>
<tr>
<td>by radiation</td>
<td></td>
</tr>
<tr>
<td>Confidential</td>
<td>$42,251.00</td>
</tr>
<tr>
<td>Thermal injury of the skin</td>
<td>$16,609.00</td>
</tr>
<tr>
<td>Broad-band amplification in micro-</td>
<td>$2,007.00</td>
</tr>
<tr>
<td>wave frequency range</td>
<td></td>
</tr>
<tr>
<td>Synthesis of liquids</td>
<td>$15,000.00</td>
</tr>
</tbody>
</table>

### Adjustments Made in 1958-59 Cost-Plus Contract

<table>
<thead>
<tr>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$236.96</td>
<td>January, February, and March, 1959</td>
</tr>
</tbody>
</table>

This report was received for record.

### ANNUAL REPORT OF THE TREASURER

(19) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1958, to February 28, 1959, certified by the Comptroller. A copy of this report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

### EMPLOYMENT OF ARCHITECTS AND ENGINEERS

Mr. Pogue reported that the Committee on Buildings and Grounds has considered the following recommendations from the President and other University officials for the employment of architects and engineers on University construction.

### Addition to Biology Building

The firm of Richardson, Severns, Scheeler, and Associates, Champaign, on the building studies and design, and Shaw, Metz, and Dolio, Chicago, for the completion of plans and specifications. Mr. Ambrose Richardson has been employed for some time as consulting architect on campus planning for the University, and recently has been working in great detail on plans for the College of Liberal Arts and Sciences. This background will be helpful in the total planning on the addi-
tion to the Biology Building. Shaw, Metz, and Dolio are architects for the new Physics Building and have satisfactorily completed this assignment.

The contractual relationships with these two firms has been discussed with the principals and the arrangements are acceptable to them. Their combined fee will not exceed the standard 6 per cent normally paid for architectural services.

**Nuclear Reactor Laboratory**

The firm of Richardson, Severns, Scheeler, and Associates, Champaign, to prepare preliminary studies and the firm of Clark, Daily, and Dietz, Urbana, for the engineering work. The Physical Plant Department will supervise the construction.

The construction of this building will be financed by a grant of $150,000 from the Atomic Energy Commission, plus an appropriation of $50,000 made by the Board of Trustees in May, 1958. Richardson, Severns, Scheeler, and Associates will be paid on the basis of cost plus 75 per cent for overhead and commission; Clark, Daily, and Dietz will be paid on the basis of cost plus 100 per cent for overhead and commission, and will be reimbursed for other expenses incidental to the work.

**Widening and Repaving Green Street**

The city of Urbana has proposed that the widening and repaving of Green Street from Wright Street to Vine Street in Urbana be undertaken as a public improvement project and has asked the University to contribute its share of the cost for the improvement. The project is presently proposed for construction during the summer of 1959.

The Committee on Buildings and Grounds has approved in principle the University's participation on the improvement of this street from Wright Street to Lincoln Avenue, and recommends formal approval by the Board.

The City has also requested the University to assume the responsibility for the preparation of plans and specifications for that portion of the improvement from Wright Street to Lincoln Avenue.

The Committee on Buildings and Grounds concurs in the recommendation that Clark, Daily, and Dietz, Urbana, be employed for this project on the basis of the standard minimum fees of the Illinois Society of Professional Engineers and the Illinois Association of Consulting Engineers. It is estimated that the total cost of these engineering services will be approximately $22,000.

**Correction of Electrical Overloading in the First Unit of the Dentistry-Medicine-Pharmacy Building**

Pioneer Service and Engineering Company, Chicago, for the engineering design of the transformer vault and distribution system to provide adequate electrical power supply to this building and to eliminate the heavily overloaded condition now existing. This will replace equipment which is thirty years old and obsolete. The Pioneer Service and Engineering Company will be paid on the basis of salaries and wages of employees engaged directly in the work plus 75 per cent of salaries and reimbursement of expenses incurred by them on behalf of the project. It is estimated that the cost of this service will not exceed $30,000. Funds are available in the budget of the Physical Plant Department for Architectural Studies for Future Buildings.

On motion of Mr. Pogue, the foregoing recommendations were all approved.

**CONSTRUCTION OF ASSEMBLY HALL**

Mr. Pogue reported that the Committee on Buildings and Grounds on April 13, 1959, reviewed the model and a list of proposed omissions and revisions in the building construction contract for the Assembly Hall. These changes will reduce the lowest bid received on March 4, 1959, from $7,859,788 to $6,459,788.

The proposed changes do not impair the design, reduce the seating capacity, or eliminate any of the functions for which the building was designed. No changes are proposed in the theater facilities.
This reduction in the construction contract, together with other reductions, will result in a project cost of $7,750,000.

The Committee recommends that, subject to the availability of funds, the University proceed on this project, confirming the prices for omissions and revisions with the Felmley-Dickerson Company.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CHICAGO UNDERGRADUATE DIVISION SITE SELECTION

Mr. Johnston, for the Committee on General Policy, presented the following statement and motion:

The Board of Trustees, at its meeting on March 12, 1959, agreed that "the date for reconsideration of the action of the Board of Trustees in designating Riverside Golf Club as the site for the development of the Chicago Undergraduate Division be extended to April 15, 1959," in accordance with the request of Mayor Richard J. Daley.

In a letter to President Henry dated April 7, 1959, Mayor Daley has stated, "Whereas I am extremely reluctant to cause even the slightest further delay, the circumstances relating to the scheduled meeting of railroad officials and the Railroad Terminal Authority on April 22, 1959, would appear to make it desirable for us to postpone our meeting until immediately after that date, at which time we would be in a position to present the preliminary conclusions of the railroads. In addition, studies of the Department of City Planning relating to matters discussed at our last meeting will be ready for presentation at that time."

The report from the engineers was presented to representatives of the railroads and Mayor Daley on March 25, 1959. In view of the agreement reached on that date between the railroads and Mayor Daley to meet again on April 22, I move that the date for reconsideration of site selection for the Chicago Undergraduate Division be extended to a mutually convenient date as soon after April 22 as possible. In the meantime, the University staff will analyze and report upon the material in Mayor Daley's letter related to the time schedule.

This motion was seconded by Mr. Harewood and was unanimously adopted.

APPOINTMENT TO BOARD OF TRUSTEES OF THE UNIVERSITY RETIREMENT SYSTEM OF ILLINOIS

The Secretary presented the following report:

The Board of Trustees of the University Retirement System of Illinois consists of six members: three members of the Board of Trustees of the University of Illinois, chosen by that Board; one member of the Board of Trustees of Southern Illinois University, chosen by that Board; one member of the Teachers' College Board; and the Director of Registration and Education, ex officio. Unless otherwise specified, the appointments of University of Illinois representatives have been for the duration of their terms of office as Trustees of the University.

Subject to confirmation by the Board of Trustees, the President of the Board has designated Mr. Earl M. Hughes to serve on the Board of Trustees of the University Retirement System of Illinois replacing Mr. Cushman B. Bissell. The other members are Mr. Wirt Herrick and Mr. Kenney E. Williamson.

On motion of Mr. Johnston, this appointment was approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence.
APPOINTMENTS MADE BY THE PRESIDENT
(The date in parentheses is the date on which the appointment was made by
the President of the University. C = College; S = Station; E = Extension.)

Ali, Mir Azam, Research Assistant in Physics (C), one year from June 16,
1959, $4400 (3-31-59).

Allhands, Jessie V., Instructor in Mathematics, to render service during the
second semester of the academic year, March 1-August 31, 1959, $5200 a
year (3-3-59).

Auth, Leo V., Jr., Instructor in Electrical Engineering (C), 3/4 time, to render
service during the second semester of the academic year, March 1-August 31,
1959, $4530 a year; this is in addition to his appointment as Collins Radio
Company Fellow in Electrical Engineering, supersedes (3-3-59).

Bateman, Felice D., Assistant Professor of Mathematics, 1/2 time, to render
service during the second semester of the academic year, March 1-August 31,
1959, $233.33 a month (3-3-59).

Baratz, Robert A., Research Associate in Radiology (Medicine), six months
from March 1, 1959, $6240 a year, supersedes (3-3-59).

Berger, Samuel, Clinical Assistant in Medicine (Medicine), seven months from
February 1, 1959, without salary (3-17-59).

Berndauer, Edmond M., Instructor in Physical Education for Men (Sports Fitness
School), 3/4 time, June 15-August 8, 1959, $489; this is in addition to his
regular appointment (3-12-59).

Blomquist, Conrad A., Assistant Professor of Zoology, Department of Pharma-
cognosy and of Pharmacology (Pharmacy), to render service during the
second semester of the academic year, February 1-August 31, 1959, annual
salary of $7300; in addition to $120 a month, February 1-June 30, 1959, to
compensate for duties in the Dean's Office which were temporarily assigned
to him, supersedes (3-3-59).

Brandenburg, Warner O., Administrative Officer in Air Force Science, 1/10
time, seven months from February 1, 1959, $600 a year (3-5-59).

Celli, Vittorio, Research Associate in Mining and Metallurgical Engineering
and in Physics (C), one year from September 1, 1959, $6500 (3-31-59).

Davidson, Melvin T., Instructor in Civil Engineering (C and S), February 1-
June 15, 1959, $522.22 a month, supersedes (3-11-59).

Fujiwara, Miyuki, Research Assistant in the State Water Survey, March 16-
June 30, 1959, $400 a month (3-16-59).

Gaballah, Saed S., Research Associate in Biological Chemistry (Medicine),

Hauck, Matthew, Research Associate in the Bureau of Economic and Business
Research, six months from March 1, 1959, $6500 a year, supersedes (3-11-59).

Jones, C. Clyde, Associate Professor of Economics on indefinite tenure, and
Assistant Dean of the College of Commerce and Business Administration,
three months from June 1, 1959, $672.59 a month, supersedes (2-20-59).

Kaplan, Erwin, Clinical Assistant Professor of Medicine (Medicine), six months
from March 1, 1959, without salary (3-16-59).

Kennibrew, Alonzo H., Research Assistant in the Institution for Tuberculosis
Research (Chicago Professional Colleges), February 23-August 31, 1959,
$3800 a year (3-19-59).

Khan, Abdur Rauf, Assistant in Anesthesiology, Department of Surgery (Medi-
cine), six months from January 1, 1959, without salary (3-17-59).

Krizan, Thomas F., Instructor in Physical Education for Men (Sports Fitness
School), 3/4 time, June 15-August 8, 1959, $628; this is in addition to his
present appointment (3-20-59).

Larson, Marilyn, Assistant in Veterinary Pathology and Hygiene (College of
Veterinary Medicine) and in Veterinary Research (Agricultural Experiment
Station), six months from March 1, 1959, $4400 a year (3-12-59).

Levy, Lucretta, Instructor in Mathematics, 1/2 time, to render service during the
second semester of the academic year, March 1-August 31, 1959, $2800 a year
(3-3-59).

Lindberg, Richard C., Instructor in Theoretical and Applied Mechanics (Chicago
Undergraduate Division), 3/4 time, to render service during the second semester of the academic year, March 1-August 31, 1959, $5067 a year (3-3-59).
MATTOS, JESUS I., Assistant in Anesthesiology, Department of Surgery (Medicine), five months from February 1, 1959, without salary (3-17-59).

MELVIN, MRS. GEORGIA-LEE, Research Associate in Psychology, 3/4 time, to render service during the second semester of the academic year, March 21-August 31, 1959, $3600 a year, supersedes (3-6-59).

MILLER, ALLEN H., Research Associate in Physics (C), one year from September 1, 1959, $6500 (3-20-59).

MULVANEY, JAMES E., Research Associate in Chemistry, one year from March 1, 1959, $5400 (3-10-59).

MURRELL, THOMAS A., Associate Professor of Electrical Engineering in the Digital Computer Laboratory, two months from June 16, 1959, $877.77 a month; this is in addition to his present appointment (3-30-59).

OLSON, ROY E., Instructor in Civil Engineering (C and S), to render service during the second semester of the academic year, March 1-August 31, 1959, $5000 a year, supersedes (3-11-59).

PANOS, CHARLES, Assistant Professor of Biological Chemistry (Medicine), five months from April 1, 1959, $600 a month, supersedes (3-3-59).

PETERSEN, WALTER R., Clinical Instructor in Orthopaedic Surgery (Medicine), six months from March 1, 1959, without salary (3-16-59).

PHelps, NEDRA A., Instructor in Occupational Therapy (Medicine), two months from July 1, 1959, $479.16 a month (4-2-59).

REINER, IRMA M., Assistant Professor of Mathematics, 1/2 time, to render service during the second semester of the academic year, March 1-August 31, 1959, $2900 a year (3-3-59).

RIEMANN, HANS P. S., Research Assistant in Food Technology (S), five months from April 1, 1959, $541.67 a month, supersedes (3-12-59).

ROBERTSON, JAMES E., Research Associate Professor of Electrical Engineering in the Digital Computer Laboratory, two months from July 1, 1959, $1311.11 a month; this is in addition to his present appointment (3-30-59).

ROBY, FREDERICK B., Instructor in Physical Education for Men (Sports Fitness School), 65/100 time, June 15-August 8, 1959, $723; this is in addition to his regular appointment (3-12-59).

SCHERR, GEORGE H., Associate Professor of Microbiology (Medicine), indefinite tenure, seven months from February 1, 1959, $9550 a year, supersedes (3-3-59).

SMITH, ROBERT S., Research Associate in Electrical Engineering (S), six months from March 1, 1959, $6500 a year, supersedes (3-19-59).


STEBLAv, RAYMOND W., Clinical Instructor in Preventive Medicine (Medicine), January 9-August 31, 1959, without salary (3-10-59).

STEIGMAIER, OTTO C., Research Associate in Dermatology (Medicine), six months from March 1, 1959, without salary (3-5-59).

TANG, TAO-NAN, Instructor in Electrical Engineering (C), 3/4 time, to render service during the second semester of the academic year, March 1-August 31, 1959, $3300 a year, supersedes (3-9-59).

TREVINO, LUIS, Instructor in Pediatrics (Medicine), six months from March 1, 1959, $5370 a year (3-6-59).

UCHIYAMA, MITSURU, Research Assistant in Food Technology (S), one year from September 1, 1959, $5000 (3-19-59).

VANDI, ANTONIO F., Research Assistant in Chemistry, one year from March 16, 1959, $5100 (3-30-59).

VOLLMAN, RUDOLPH, Research Associate in Anatomy (Medicine), four months from April 1, 1959, $500 a month (3-16-59).

WATRACk, ADOLF M., Assistant Professor of Veterinary Pathology and Hygiene (College of Veterinary Medicine), six months from March 1, 1959, $8900 a year, supersedes (3-10-59).

WEST, DAVID W., Research Associate in Chemistry, one year from September 1, 1959, $5370 (3-3-59).

WILLER, HOWARD L., Assistant Professor of Ophthalmology (Medicine), 3/4 time, five months from April 1, 1959, $591.66 a month, supersedes (3-31-59).

WOJCIECH, ROMAN, Research Associate in Clinical Science (Medicine), 9/10 time, seven months from February 1, 1959, $5040 a year (3-31-59).
GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

ADRIAN, ROBERT J., Ford Postdoctoral Fellow in the Institute for Research on Exceptional Children, one year from September 1, 1959, $5000 (3-30-59).

AUTH, LEO V., Jr., Collins Radio Company Fellow in Electrical Engineering, February 1-June 15, 1959, $750; this is in addition to his appointment as Instructor in Electrical Engineering on a half-time basis (2-13-59).

DOIG, ANDREW, United States Public Health Service Postdoctoral Fellow (Foreign) (Chicago Professional Colleges), six months from March 1, 1959, $443 a month, supersedes (3-5-59).

GOULD, PHILLIP L., Fellow in Civil Engineering, February 1-June 15, 1960, $750 (3-30-59).

RILEY, WILLIAM H., Charles Pfizer Fellow in Biochemistry, February 1-June 15, 1959, $900 (2-16-59).

SCAPINO, ROBERT P., United States Public Health Service Post-Sophomore Dental Student Research Fellow (Trainee) (Chicago Professional Colleges), one year from July 1, 1959, $3200 (3-2-59).

SCHOLTENS, ROBERT G., United States Public Health Service Postdoctoral Fellow (Trainee) in Veterinary Medical Science, June 15, 1959-August 31, 1960, $5200 a year (3-30-59).

YOUNGMAN, WILLIAM R., Fellow in Art, three months from June 16, 1959, $900 (3-13-59).

RESIGNATIONS

BOERIO, CHARLES, Assistant in Physical Education for Men — resignation effective February 28, 1959.

CEDERSTRAND, MRS. JOAN M., Research Assistant in Civil Engineering — resignation effective April 16, 1959.

CHASE, SAMUEL B., Fellow in Economics — resignation effective June 16, 1959.

DEWEY, RICHARD S., Professor of Sociology — resignation effective September 1, 1959.

FREEDMAN, PHILIP, Research Assistant in Medicine — resignation effective April 20, 1959.

FULK, BYRON E., Extension Specialist in the Division of University Extension — resignation effective March 1, 1959.


LEVENTHAL, DAVID E., Research Assistant in the Radiocarbon Laboratory — resignation effective April 1, 1959.

MONTGOMERY, MRS. JOANN E., Instructor in Nursing — resignation effective March 20, 1959.


SPIEGLER, JOHN H., Physician in the Health Service (Chicago Professional Colleges) — resignation effective April 1, 1959.

SUNKO, DIONIS E., Research Associate in the Radiocarbon Laboratory — resignation effective April 16, 1959.

LEAVES OF ABSENCE

DODDS, B. L., Professor of Education and Dean of the College of Education — leave of absence, with full pay, on account of illness, from March 1, 1959, and continuing until June 15, 1959.

GAGE, NATHANIEL L., Professor of Education, in the Bureau of Educational Research — leave of absence, without pay, July 22 through July 31, 1959, so that he may teach in the first summer school session of New York University.

HENRY, JOHN A., Professor of Mechanical Engineering (College of Engineering) and Counselor in the Student Counseling Service — leave of absence, without pay, from September 1, 1959, through February 20, 1960, so that he may accept an assignment with the Bell Telephone Laboratories.

KAISER, HENRY F., Assistant Professor of Education, in the Bureau of Educational Research — leave of absence, without pay, August 1 through August 21, 1959, so that he may attend a National Science Foundation sponsored summer institute for statistics teachers.
MAY AND JUNE MEETINGS

President Williamson reminded the Board that at a previous meeting it had voted to hold the May meeting at Urbana, Illinois, on Saturday, May 16, 1959, and asked if it desired to set a date for the June meeting.

On motion of Mr. Swain, the Board voted to hold the June meeting in Chicago, Illinois, on Tuesday, June 23, 1959, at an hour and place to be determined by the President and Secretary of the Board.

ADDRESSES BY PROFESSORS ROBERT E. JOHNSON AND MARTIN WAGNER

President Henry introduced Professor Robert E. Johnson, Head of the Department of Physiology in the College of Liberal Arts and Sciences and Director of the University Honors Programs, who presented a brief report on this program and the work of the University Honors Council.

Following this presentation, President Henry introduced Professor Martin Wagner, Director of the Institute of Labor and Industrial Relations, who made a brief report on the Institute's program.

EXECUTIVE SESSION

At this point, on motion of Mr. Johnston, an executive session was ordered for consideration of the following item of business.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by a member of the staff.

Device for orthographic (integrated-orthographic-isometric) direct projection — Wayne L. Shick, Associate Professor of General Engineering, Inventor. This is an engineering drawing device which greatly increases the accuracy and speed of drawing four views, because of direct projection, omitting all transfer of measurements by indirect means necessary when using conventional methods.

The University of Illinois Foundation has reported to the University Patent Committee that this invention has a good possibility of commercial value. Accordingly, the Patent Committee recommends the release of the rights of the University in this invention to the Foundation for development and application for a patent if desirable.

I concur in this recommendation.

On motion of Mr. Clement, this recommendation was approved.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President
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The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Saturday, May 16, 1959, beginning at 10:30 a.m., central daylight saving time.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances R. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant Department, Professor Norman A. Parker, Chairman of the Building Program Committee, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice and Mr. George H. Bargh, Administrative Assistants in the President's Office, Professor George C. McVittie, Head of the Department of Astronomy; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

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<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
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<tr>
<td>DAVID RUDI ARNOLD</td>
<td>Hinsdale</td>
<td>New York</td>
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<tr>
<td>VICTOR HAROLD CONRAD</td>
<td>Chicago</td>
<td>District of Columbia</td>
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<td>ROBERT CHARLES FETSAM</td>
<td>Belleville</td>
<td>Missouri</td>
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<tr>
<td>WILLIAM JOSEPH HOUHIAN</td>
<td>Glen Ellyn</td>
<td>District of Columbia</td>
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<tr>
<td>HAROLD LEE PFANG</td>
<td>Villa Park</td>
<td>Indiana</td>
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<tr>
<td>DONALD BERTRAM PODELL</td>
<td>Chicago</td>
<td>District of Columbia</td>
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<tr>
<td>ERNEST JOSEPH RUA, JR.</td>
<td>Elmhurst</td>
<td>Ohio</td>
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<tr>
<td>RONALD IRA RUBY</td>
<td>Fair Lawn, New Jersey</td>
<td>New Jersey</td>
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<tr>
<td>RUSSELL VINCENT WISE</td>
<td>Evanston</td>
<td>District of Columbia</td>
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I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENT OF AUDITORS

(2) The firm of Ernst and Ernst, Certified Public Accountants, was retained by the Board of Trustees for the audit of the University’s accounts for the fiscal year ended June 30, 1958, with the understanding that the firm would be employed for three years subject to annual review.

The services of Ernst and Ernst have been very satisfactory. The firm proposes to complete the audit for the year ending June 30, 1959, at the prevailing hourly rates for college and university audits, plus cash expenses, plus expenses for travel and subsistence of the staff assigned to the audit, with the understanding that the aggregate charges will not exceed the following amounts which are the same maximums used for the audit of the fiscal year which ended June 30, 1958.

- University of Illinois (all divisions) ........................................... $18,700
- University of Illinois Foundation (including its retirement system) .... 1,200
- University of Illinois Athletic Association (including its retirement system) ........................................... 1,000
- Alumni Association (including its retirement system) .......................... 500
- University Retirement System of Illinois ........................................ 2,000

Under the present state law the Auditor-General of Illinois is responsible for auditing, or causing to be audited, the records of the University. The Auditor-General, Mr. Frank H. Whitney, has followed the practice of earlier years in which the Auditor-General is consulted concerning the employment of the auditing firm, and the firm employed by the University submits copies of its reports directly to him, as well as to the Board of Trustees. Any additional work which the Auditor-General may require is at the expense of his office. The firm of Ernst and Ernst is acceptable to Mr. Whitney.

Authorization of the Board for the employment of Ernst and Ernst for the audit of University accounts for the fiscal year ending June 30, 1959, is requested.

On motion of Mr. Swain, authorization was given as requested.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.
1. Ralph C. Barnhart, Professor of Law, second semester, 1959-60, at a salary of $8,000 (G).
2. George B. Fraser, Professor of Law, first semester, 1959-60, at a salary of $7,000 (G).
3. Karl E. Gardner, Professor of Nutrition in the Department of Dairy Science, on indefinite tenure, and Associate Dean of the College of Agriculture, beginning August 1, 1959, continuing through August 31, 1961, at an annual salary of $14,000 on "Y" basis.
4. R. L. Langenheml, Jr., Assistant Professor of Geology, beginning September 1, 1959, at an annual salary of $7,000 (B).
5. Luis Leal, Associate Professor of Spanish, beginning September 1, 1959, at an annual salary of $8,000 (A).
6. Panchanan Maheshwari, Visiting Professor of Botany, for three months from May 1, 1959, at a salary of $2,500 (G).
7. Theodore Manolakes, Assistant Professor of Education, beginning September 1, 1959, at an annual salary of $7,000 (D).
8. Murray B. McPherson, Professor of Hydraulic Engineering, in the Department of Civil Engineering, beginning September 1, 1959, at an annual salary of $10,000 (A).
9. George E. Miller, Director of Research in Medical Education, and Associate Professor of Medicine, in the College of Medicine, beginning September 1, 1959, at an annual salary of $18,000 (BY, AY).
10. David L. Nanney, Professor of Zoology, for three months from April 1, 1959, at a salary of $4,000 (G).
11. David Pines, Professor of Physics and of Electrical Engineering, for the period April 1-5, 1959 (G); and beginning September 1, 1959, on indefinite tenure, at an annual salary of $13,500 (A).
12. Pierre Samuel, Visiting Professor of Mathematics, beginning September 1, 1959, at an annual salary of $14,500 (D).
13. Helen C. Sharp, Medical Adviser, Assistant Professor of Hygiene, and Special Duty Physician, in the Health Service, Urbana, beginning June 1, 1959, at an annual salary of $11,067 (BY, DY).

On motion of Mr. Hughes, these appointments were confirmed.

APPOINTMENTS TO CENTER FOR ADVANCED STUDY

(4) The Dean of the Graduate College recommends the following initial appointments to membership in the Center for Advanced Study in the Graduate College for a period of five years from September 1, 1959.

John Bardeen, Professor of Electrical Engineering and of Physics
Joseph L. Doob, Professor of Mathematics
Reynold C. Fuson, Professor of Organic Chemistry (four years from September 1, 1959)
Julian H. Steward, Research Professor of Anthropology

The Board of Trustees authorized the establishment of the Center for Advanced Study on February 19, 1959.

I concur.

On motion of Mrs. Watkins, these appointments were approved.

AWARDS OF HONORARY DEGREES

(5) The Urbana Senate has recommended the awards of honorary degrees as follows to be conferred at the Commencement Exercises in June, 1959, or at any other appropriate University convocation:

Dr. Thomas Whitfield Baldwin, Doctor of Literature (Litt.D.)
Dr. Ernest Henry Volwiler, Doctor of Science (D.Sc.)
Dr. Wendell Meredith Stanley, Doctor of Science (D.Sc.)
Dr. John Ira Parcell, Doctor of Engineering (D.Eng.)
Dr. Arthur Sherwood Flemming, Doctor of Laws (L.L.D.)

I recommend approval. Dr. Volwiler's degree will be conferred on June 12 at the Commencement Exercises for the Chicago Professional Colleges at which he will give the address. The other degrees will be conferred at the Commence-
ment Exercises at Urbana on June 13, at which Dr. Flemming will be the speaker.

On motion of Mr. Swain, these degrees were authorized.

GRADUATE PROGRAM IN LAW
(6) The Urbana Senate recommends authorization of a new program in the Graduate College leading to the degree of Master of Comparative Law (M.C.L.) designed especially for the graduate students whose first degree in law was earned in a country whose legal system is based upon the civil law. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

Admission Requirements
The applicant must have received the first professional degree in law or its equivalent under the system of law in which he is trained.

The applicant must present evidence of ability to do satisfactory work at the graduate level.

The applicant must present evidence of sufficient facility in the written and spoken use of the English language to benefit from study at Illinois.

Degree Requirements
One academic year in residence at the College of Law.

Satisfactory completion of a course program approved by the Graduate Committee of the College of Law, consisting of eight units of work including at least two units of research.

A satisfactory thesis.

I concur.

On motion of Mr. Clement, this recommendation was approved.

NEW DEPARTMENTS IN COLLEGE OF LIBERAL ARTS AND SCIENCES
(7) The faculty of the College of Liberal Arts and Sciences and the Urbana Senate recommend establishment of two new departments in the College:

Department of Anthropology
At present the educational research program in anthropology is administered by the Department of Sociology and Anthropology. A separation of anthropology is recommended to give this discipline the status it enjoys at virtually every other major university. Recently a doctoral program in anthropology has been approved, and expansion of the present staff of four full-time faculty members has been authorized. A separate department will facilitate the recruitment of anthropologists of high quality for the faculty and will stimulate the interest of prospective graduate students for study in this field.

Department of Russian
When instruction in Russian was first offered, its administration was assigned to the Department of French as a matter of expediency. Enrollment in Russian courses has increased greatly in recent years, and there are four full-time faculty members in this field with two new positions provided for in the biennial budget for 1959-61. Establishment of a separate department in Russian will encourage development of graduate study and development of a research area program.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur in the above recommendation.

On motion of Mrs. Watkins, this recommendation was approved.

DESIGNATION OF UNDERGRADUATE DEGREE IN JOURNALISM AND COMMUNICATIONS
(8) The Urbana Senate recommends that the wording of the undergraduate degree offered by the College of Journalism and Communications be changed from Bachelor of Science in Journalism to Bachelor of Science in Communications. Since the College offers curricula in advertising and radio-televisio, as well as in journalism, the present designation of the degree is not appropriate.
The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur in this recommendation.

On motion of Mr. Herrick, this recommendation was approved.

CHANGES IN THE COLLEGE OF NURSING CURRICULUM

(9) The Urbana Senate recommends adoption of the following changes in the course requirements of the baccalaureate degree in nursing:

2. Substitute Psychology 326, Motivation and Emotion (5 hours), for Psychology 338, Abnormal Psychology (5 hours).
3. Reduce the number of hours in Nursing 211 and 208, Introduction to Medical Surgical Nursing, by one quarter hour each; and add two quarter hours in pharmacology.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

APPROPRIATION BY ATHLETIC ASSOCIATION

(10) The Executive Committee of the Board of Directors of the Athletic Association has approved an assignment of $3,000 from its unassigned surplus funds to purchase a used heavy duty trench hog, needed for laying replacement pipe on the golf course fairways. Confirmation of this is requested.

On motion of Mr. Harewood, this action was confirmed.

APPROPRIATION TO THE DEPARTMENT OF ASTRONOMY

(11) The Department of Astronomy has requested that the appropriation of $11,000 made to it for the construction of a building on the radio telescope site be assigned to the construction of a road and power lines to the site. It was anticipated that funds would be made available by the Office of Naval Research for the construction of one-half mile of road from a county road to the site of the radio telescope and for the construction of some power lines. It has now developed that federal funds for these purposes will not be available. The building is still needed, but its construction will have to be deferred because the road and power lines have first priority and funds are not available at this time for both.

I concur.

On motion of Mr. Clement, this reassignment of funds was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

FINANCING OF ASSEMBLY HALL

(12) At its meeting on April 14, the Board of Trustees authorized negotiation of a contract for the construction of the Assembly Hall, subject to financing of the same. A part of the financing problem was arranging a loan which would carry approximately a 2½ per cent interest rate during the period of construction, so that the total project cost would not exceed $7,750,000.

The firm of White, Weld and Company, Chicago, one of the most active firms in University financing, has developed a negotiated financing plan to accomplish the University's objective. This firm proposes to act as agent for the University in placing the bonds at a 2½ per cent rate during the construction period and a 4½ per cent rate thereafter. The bonds would be a single maturity, due in 1984, with provision for required annual redemptions from the sinking fund. The effect is the same as a serial maturity issue, but setting it up on a sinking fund basis is an advantage to the insurance companies which will be purchasing the issue. Provision will also be made for refunding the issue after
1971, if this proves to be advantageous to the University. The paying agent for
the issue designated is the Sears Bank and Trust Company, Chicago. Further
details will be set forth in the formal resolution to be adopted later by the
Board of Trustees.

The effective interest cost to the University, if the bonds are paid according
to the normal schedule of maturities, will be 4.32 per cent. If refunded in 1971,
the effective interest cost will be 4.47 per cent. This represents a reasonable
interest charge in the current bond market.

White, Weld and Company has offered to handle the transaction at a cost of
$2.00 a bond, or $15,500 for the entire issue.

The Finance Committee recommends acceptance of this offer and that the
firm of Chapman and Cutler, Chicago, be retained as counsel for the bond issue.

The Finance Committee has been informed that the Legal Counsel is of the
opinion that the sale of the bonds on a negotiated basis does not contravene the
provisions of Section 11(b) or Section 15(d) of the General Rules Concerning
University Organization and Procedure, but, to the extent, if any, that such
sale of said bonds may conceivably constitute a departure from the policy con-
templated by, or the provisions of, said sections, or either of them, he recom-
mends that the Board authorize and ratify such departure from said policy and
provisions in this instance.

On motion of Mr. Swain, these recommendations were approved
by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick,
Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins,
Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

(13) The Director of the Physical Plant and the Vice-President and Com-
troller recommend award of a contract for $6,457,292 to the Felmley-Dickerson
Company, Urbana, the lowest bidder, for the construction of the Assembly Hall.

The original low bid on this project was $7,859,788. As a result of extended
review and studies of the design and specifications by the architects, the Physical
Plant Department, and representatives of the contractor, changes have been
made which will reduce the low bid by $1,402,496, without impairing the design,
reducing the seating capacity, or eliminating any of the functions for which the
building is to be constructed. These studies were reported to the Committee on
Buildings and Grounds on April 13, and the Committee recommended that,
subject to availability of funds, the University proceed with the project. Finan-
cing now having been assured, it is recommended that formal action be taken
to award this contract in accordance with the previous recommendation of the
Committee on Buildings and Grounds. Submitted herewith is a report from the
Physical Plant Department on the bidding on this project, including a schedule
of bids received and the project budget based upon the reduced building con-
struction contract, and a copy is being filed with the Secretary for record.

I concur.

On motion of Mr. Pogue, this contract was authorized by the fol-
lowing vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr.
Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr.
Williamson; no, none; absent, Mr. Stratton.

CONTRACT FOR CONSTRUCTION OF ADDITION

(14) The Director of the Physical Plant and the Vice-President and Com-
troller recommend award of a contract for $7,550 to Harris Company, Urbana, the
lowest bidder, for the construction of an addition to the Physical Plant Depart-
ment's Service Building Annex.

I recommend award of the contract and assignment of the funds for this
purpose from the Physical Plant Stores account.

On motion of Mr. Johnston, this contract was authorized by the
following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr.
Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR HYDROGEN LIQUEFIER BUILDING FOR PHYSICS RESEARCH LABORATORY**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $41,300 to Rigid Frame Structures, Inc., Champaign, for the construction of a metal building for housing hydrogen liquefying equipment and storage of liquid hydrogen to be built in the area south of the Physics Research Laboratory.

Funds are available in assignments made to the Department of Physics from indirect costs recovered from research contracts, and from other sources.

I concur.

On motion of Mr. Clement, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR REROOFING OF TEMPORARY HOUSING IN STADIUM TERRACE**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $14,593 to Hitchins Roofing Company, Urbana, the lowest bidder, for reroofing of the temporary housing buildings in Stadium Terrace.

Funds are available in Housing Division reserves for maintenance of temporary housing units.

I concur.

On motion of Mr. Swain, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR REROOFING OF NATURAL HISTORY BUILDING**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $6,474 to Petry Roofing and Sheet Metal Company, Champaign, the lowest bidder, for reroofing of the Natural History Building.

Funds are available in the Physical Plant Department maintenance budget.

I concur.

On motion of Mr. Herrick, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR LANDSCAPING MEDICAL RESEARCH LABORATORY AREA**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $7,906.50 to Clauss Brothers, Inc., Chicago, the lowest bidder, for landscaping the Medical Research Laboratory area at the Chicago Professional Colleges.

The work will consist of furnishing top soil, planting trees and shrubs, and seeding.

Funds are available in the state appropriation for construction of the Medical Research Laboratory.

I concur.

On motion of Mrs. Watkins, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.
CONTRACT FOR COAL HANDLING AND TRANSPORTATION EQUIPMENT FOR ABBOTT POWER PLANT

19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $21,641.92 to McElroy-Roland Machinery Company, 719 East Jefferson Street, Springfield, for a coal handling and transportation unit for the Abbott Power Plant. This is mobile, tractor-bulldozer equipment for use in handling coal for stock-piling at the power plant.

Funds are available in the state capital appropriations to the University for the current biennium 1957-59.

I concur.

On motion of Mr. Harewood, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACTS FOR COAL PURCHASES FOR ABBOTT POWER PLANT

20) The Director of Purchases, the Vice-President and Comptroller, and the Director of the Physical Plant recommend award of the following contracts for 158,000 tons of coal screenings to be delivered to the Abbott Power Plant during the period July 1, 1959, through June 30, 1961:

<table>
<thead>
<tr>
<th>Location of Mine</th>
<th>F.o.b. Mine</th>
<th>Tons</th>
<th>Price per Ton</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danville</td>
<td>$111 600 00</td>
<td>24,000</td>
<td>$4.65</td>
</tr>
<tr>
<td>Hillery</td>
<td>535 190 00</td>
<td>100,000</td>
<td>$4.91</td>
</tr>
<tr>
<td>Murdock</td>
<td>125 250 00</td>
<td>25,000</td>
<td>$5.01</td>
</tr>
<tr>
<td>Total Cost</td>
<td>225 930 00</td>
<td>158,000</td>
<td>$4.43</td>
</tr>
</tbody>
</table>

Sealed bids on uniform specifications were opened on April 24, 1959. Invitations to bid were sent to twenty-three producers, and sales agencies were solicited by newspaper advertisements.

The bids are evaluated in the terms of the number of British Thermal Units purchased for one cent based on guaranteed analysis. A continuous check is maintained to insure compliance with specifications.

It is advantageous to have contracts with three sources of supply to be assured of delivery of coal at all times. The bid from the United Electric Coal Companies is for the year 1959-60 only. If this mine is in operation on July 1, 1960, the University of Illinois will have the option of purchasing an additional 24,000 tons at the quoted price. Should this option be exercised, tonnage purchased from the Republic Coal and Coke Company would be correspondingly reduced.

The prices quoted are based on present wage scales and are subject to increase or decrease in event that wage contracts now in effect are changed. Any such change will affect the price to the extent that production costs are increased or decreased by new contracts. The University may cancel the balance of the purchase contract if it believes that any price adjustment is not justified.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute contracts as recommended, subject to the approval by the Governor as required by the state constitution.

On motion of Mr. Johnston, these contracts were authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

ADDITION TO CONTRACT FOR KRANNERT ART MUSEUM

21) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $6,789.70 in the contract with Kuhne-Simmons Company, Inc., for changes in the lighting of the Krannert Art Museum, to provide
improved illumination in areas to be used for display of paintings and minor changes in other electrical work.
I concur.

On motion of Mr. Swain, this change in contract was authorized.

**ADDITION TO CONTRACT FOR MARRIED STUDENT APARTMENTS**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $2,829.00 in the contract with Shapland Homes, Inc., to provide additional sidewalks, and of $6,979.21 to provide bathroom exhaust fans and roof caps for exhaust fans.

The University Architect and the Housing Division have studied the original sidewalk layout proposed by the contractor and have developed a new arrangement which will provide better traffic circulation and access for the 120 families using the project. The bathroom exhaust fans are recommended by the Federal Housing Authority as a matter of public health.
I concur.

On motion of Mr. Herrick, this change in contract was authorized.

**ZERBEE SCHOLARSHIP IN CIVIL ENGINEERING AND MILITARY SCIENCE**

(23) The will of the late Leigh F. J. Zerbee of Paris, Maine, an alumnus of the University of Illinois, Class of 1911, who died June 6, 1952, set up a trust with the Farmers Bank of Delaware, Wilmington, Delaware, with securities valued at approximately $40,000, with the provision that the income of the trust was to be paid to Roland Andrew Zerbee, a brother, for the term of his life. Upon his death the income is to be paid by the trustee to the University of Illinois for the purpose of establishing the Zerbee Scholarship for needy students in civil engineering who are also specializing in military science. The scholarship is to be awarded under rules and regulations established by the University and is to be awarded to one student every four years unless the fund becomes large enough to provide for more than one scholarship.

Roland Andrew Zerbee, the first beneficiary of this trust, died on December 4, 1958, and the University is now receiving the income. The scholarship thus established by the late Leigh F. J. Zerbee is now in effect and will be administered according to the provisions of his will.

On motion of Mr. Harewood, this bequest was accepted.

**COMPTROLLER'S REPORT OF CONTRACTS**

(24) The Comptroller's report of contracts executed during the period April 1 to 30, 1959.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Village of Oak Park, Illinois</td>
<td>Position of the recreation system in the organizational structure of the village</td>
<td>$350.00</td>
<td>March 24, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 46(698)-554</td>
<td>Meson photoproduction and meson interactions using a liquid</td>
<td>68,423.00</td>
<td>February 13, 1959</td>
</tr>
<tr>
<td>United States Navy N600(22549530)</td>
<td>Books, nonexpendable supplies, and equipment</td>
<td>1,820.00</td>
<td>April 1, 1959</td>
</tr>
</tbody>
</table>

**Leases**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helix Corp.</td>
<td>One CCA6oo cross conveyor attachment</td>
<td>$113,422.00 annually</td>
<td>March 19, 1959</td>
</tr>
<tr>
<td></td>
<td>One IFRS-PTO hook up assembly</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>One CB55 third beater attachment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>One TRA 450-400 series transmission</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Contract Changes**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Air Force AF 10(604)-3481</td>
<td>Electromagnetic wave interaction techniques</td>
<td>$59,190.00</td>
<td>January 31, 1959</td>
</tr>
</tbody>
</table>
QUARTERLY REPORT OF THE COMPTROLLER

(25) The Comptroller presents his quarterly report to the Board as of March 31, 1959.

This report was received for record and a copy has been filed with the Secretary of the Board.

PURCHASES

Purchases Authorized

(26) The following purchases were authorized by the President’s Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One helium mass spectrometer leak test station, sensitivity 10-10 cc/sec., complete with remote central unit, vacuum system</td>
<td>Control Systems</td>
<td>Veeco Vacuum Corp., New Hyde Park, Long Island, N.Y.</td>
<td>$5,290.00</td>
</tr>
<tr>
<td>Two sample and hold circuits</td>
<td>Electrical Engineering</td>
<td>Applied Science Corp. of Princeton, Princeton, N.J.</td>
<td>$1,890.00</td>
</tr>
</tbody>
</table>

On motion of Mr. Harewood, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Six Warburg apparatus, circular, nine-station, ambient to 50° centigrade, mercury regulator, controls, 115 volts, 60 cycle; less trade-in of six obsolete Warburg units</td>
<td>Bacteriology (new building)</td>
<td>American Instrument Co., Silver Spring, Md.</td>
<td>$3,000.00</td>
</tr>
</tbody>
</table>
UNIVERSITY OF ILLINOIS

1959]

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One 16 in. contour band saw complete with accessories</td>
<td>Biology Building</td>
<td>DoAll Rockford Co., Rockford</td>
<td>$2 521 25</td>
</tr>
<tr>
<td>One comparator, coordinate plate and film, for use with ultracentrifuge and electrophoresis film analysis, 12x magnification, reading to .001 mm.</td>
<td>Chemistry and Chemical Engineering</td>
<td>Gaertner Scientific Corp., Chicago</td>
<td>3 140 00</td>
</tr>
<tr>
<td>One 18 in. x 22 in. darkroom camera and accessories</td>
<td>Control Systems Laboratory</td>
<td>Roberts &amp; Porter, Inc., Chicago</td>
<td>3 074 26</td>
</tr>
<tr>
<td>15,000 diodes</td>
<td>Digital Computer Laboratory</td>
<td>Transistor Electronic Corp., Oak Park</td>
<td>22 500 00</td>
</tr>
<tr>
<td>One turret milling machine with ram type overarm complete with motor and accessories</td>
<td>Electrical Engineering</td>
<td>Don G. Beck, Chicago</td>
<td>5 010 50</td>
</tr>
<tr>
<td>One offset duplicator with mechanical receiving jogger, chrome master cylinder and impression roller, Universal master clamp, work organizer and work clamp</td>
<td>Electrical Engineering</td>
<td>Maginn Office Equipment Co., Champaign</td>
<td>2 950 00</td>
</tr>
<tr>
<td>One NJE Corporation type HH-520-C high voltage d.c. power supply; output 0-20 kv., 0-250 ma.; input 208 V.M., 66 G.C., 3 ph.</td>
<td>Electrical Engineering</td>
<td>NJE Corp., c/o Rigway Engineering, Inc., N.J.</td>
<td>3 450 00</td>
</tr>
<tr>
<td>One sculpture &quot;Armored Figure,&quot; by Fred Farr</td>
<td>Library School</td>
<td>Pantograph Printing &amp; Stationery Co., Bloomington</td>
<td>14 133 84</td>
</tr>
<tr>
<td>Eight issues of Library Trends to be printed quarterly during the period July 1, 1959, through June 30, 1961</td>
<td>Military</td>
<td>Pettibone Brothers Manufacturing Co., Cincinnati, Ohio</td>
<td>31 014 52</td>
</tr>
<tr>
<td>100 uniforms for advanced Army R.O.T.C. students</td>
<td>Physics (new building)</td>
<td>S. Buckman Furniture &amp; Supply Co., Spring Valley</td>
<td>4 060 59</td>
</tr>
<tr>
<td>80 uniforms for advanced Air Force R.O.T.C. students</td>
<td>Physics (new building)</td>
<td>E. L. Esley Machinery Co., Chicago</td>
<td>9 307 00</td>
</tr>
<tr>
<td>Steel shop-type shelving and drawer units as follows: 20 lineal ft. — 85 in. high</td>
<td>Library — Physics (new building)</td>
<td>Group 1 — C. S. Brown &amp; Co., Wauwatosa, Wis.</td>
<td>1 215 00</td>
</tr>
<tr>
<td>15 lineal ft. — 39 in. high</td>
<td>Group 2 and 4 — Black-well Wielandy Co., St. Louis, Mo.</td>
<td>3 021 50</td>
<td></td>
</tr>
<tr>
<td>12 drawer units, 3 ft. wide x 12 in. deep</td>
<td>Group 3 — Milwaukee Chair Co., Milwaukee, Wis.</td>
<td>1 749 05</td>
<td></td>
</tr>
<tr>
<td>x 85 in. high, with 39 drawers</td>
<td>f.o.b. delivered and installed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The following furniture for the new Physics Building Library:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 1 — steel bookstacks (1,368 lineal ft. of shelf space)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 2 — 14 library tables (wood)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 3 — 84 library chairs (wood)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group 4 — miscellaneous items of library furniture including a charging desk</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One radial drill press 9 in. column, 5 ft. arm complete with all electrical equipment installed</td>
<td>Physics (new building)</td>
<td>R. K. LeBlond Machine Tool Co., Chicago</td>
<td>6 610 00</td>
</tr>
<tr>
<td>One built-in special fine feed boring attachment</td>
<td>Physics (new building)</td>
<td>R. K. LeBlond Machine Tool Co., Chicago</td>
<td>15 126 00</td>
</tr>
<tr>
<td>One Universal table</td>
<td>Physics (new building)</td>
<td>Don G. Beck, Chicago</td>
<td>2 981 00</td>
</tr>
<tr>
<td>One 15 in. x 30 in. centers, dual drive lathe complete with motor, controls, and accessories</td>
<td>Research and Educational Hospitals</td>
<td>Puritan Compressed Gas Corp., Chicago</td>
<td>7 094 05</td>
</tr>
<tr>
<td>One sliding bed gap lathe 21/30 in. x 8 ft. 6 in., bed complete with motor, control, and accessories</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One turret milling machine with ram type overarm head complete with motor, controls, optical measuring unit, and other accessories</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Anesthetic gases to be used by the Department of Anesthesiology during the year beginning July 1, 1959, and ending June 30, 1960, subject to renewal for one year at the same prices by mutual agreement.
Laundry service for departments at Laundry service for departments in
Linen service consisting of uniforms, Roller towel rental service, dispensing
Protective clothing rental service for Various
Photoengraving service during the two-year period July 1, 1959, through June 30, 1961.

Whole human blood to be supplied as required by the Research and Educa
tional Hospitals

432 cases (12 bottles each) vacuum type blood collection bottles

Approximately 2,588 boxes and 94 rolls of Eastman, Ansco, and Du Pont X-ray film to be used during the year beginning July 1, 1959, with the option to renew at the same prices for one year from July 1, 1960, if mutually agreeable to the University and the vendor

140 X-ray cassettes and 140 pairs of intensifying screens; less trade-in allowance on used cassettes and screens

Patient room furniture consisting of ten hospital beds, ten safety sides, ten irrigation rods, ten bedside cabinets, and ten chairs

Diaper service to be furnished to the Research and Educational Hospitals for the period beginning July 1, 1959, through June 30, 1960; this service may be renewed for one year if agreeable to both parties

Linen service consisting of uniforms, aprons, pants, coats, and towels supplied on a rental basis to the respective food service units for the two-year period beginning July 1, 1959, through June 30, 1961

Continuous cloth towel service of approximately 20,000 rolls as needed during the period July 1, 1959, through June 30, 1960, in various areas of the Chicago Professional Colleges and the Chicago Undergraduate Division; service agreement renewable for one year if agreeable to both parties

Laundry service for departments in Chicago for one year from July 1, 1959, to June 30, 1960

Laundry service for departments at Urbana for the period July 1, 1959, through June 30, 1961

Roller towel rental service, dispensing cabinets included, for the period July 1, 1959, through June 30, 1961.

Protective clothing rental service for two-year period from July 1, 1959, through June 30, 1961, for the Hunt Union, Residence Halls, and Home Economics Cafeteria: 90,000 coats, military collar, white; 158,000 aprons, bib and waist types, white

Photogravuring service during the two-year period July 1, 1959, through June 30, 1961.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk oxygen supply and service as required in the various departments and wards of the Research and Educational Hospitals; service will be supplied throughout the wards and rooms through the built-in University-owned distribution system during the period July 1, 1959, through June 30, 1961</td>
<td>Research and Educational Hospitals</td>
<td>National Cylinder Gas Co., Chicago</td>
<td>$320 782 00</td>
</tr>
<tr>
<td>Whole human blood to be supplied as required by the Research and Educational Hospitals</td>
<td>Research and Educational Hospitals</td>
<td>Interstate Blood Bank, Inc., Memphis, Tenn.</td>
<td>12 000 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chicago Blood Donor Service, Chicago</td>
<td>12 000 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Michael Reese Research Foundation, Chicago</td>
<td>6 000 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mt. Sinai Research Foundation, Chicago</td>
<td>6 000 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Abbott Laboratories, Franklin Park</td>
<td>3 359 60</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>83 989 80 estimated total annual expenditure</td>
</tr>
<tr>
<td>432 cases (12 bottles each) vacuum type blood collection bottles</td>
<td>Research and Educational Hospitals</td>
<td>Geo. W. Brady &amp; Co., Chicago</td>
<td>4 169 77 delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A. S. Aloe Co., Chicago</td>
<td>3 429 00 delivered</td>
</tr>
<tr>
<td>Approximately 2,588 boxes and 94 rolls of Eastman, Ansco, and Du Pont X-ray film to be used during the year beginning July 1, 1959, with the option to renew at the same prices for one year from July 1, 1960, if mutually agreeable to the University and the vendor</td>
<td>Research and Educational Hospitals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>140 X-ray cassettes and 140 pairs of intensifying screens; less trade-in allowance on used cassettes and screens</td>
<td>Research and Educational Hospitals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Patient room furniture consisting of ten hospital beds, ten safety sides, ten irrigation rods, ten bedside cabinets, and ten chairs</td>
<td>Research and Educational Hospitals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diaper service to be furnished to the Research and Educational Hospitals for the period beginning July 1, 1959, through June 30, 1960; this service may be renewed for one year if agreeable to both parties</td>
<td>Research and Educational Hospitals</td>
<td>Infant Diaper Service, Chicago</td>
<td>7 920 00</td>
</tr>
<tr>
<td>Linen service consisting of uniforms, aprons, pants, coats, and towels supplied on a rental basis to the respective food service units for the two-year period beginning July 1, 1959, through June 30, 1961</td>
<td>Various Food Service Departments, Chicago Professional Colleges</td>
<td>Industrial Garment Service, Chicago</td>
<td>11 810 52 estimated total annual expenditure</td>
</tr>
<tr>
<td>Continuous cloth towel service of approximately 20,000 rolls as needed during the period July 1, 1959, through June 30, 1960, in various areas of the Chicago Professional Colleges and the Chicago Undergraduate Division; service agreement renewable for one year if agreeable to both parties</td>
<td>Various Departments, Chicago Divisions</td>
<td>American Linen Supply Co., Chicago</td>
<td>9 000 00</td>
</tr>
<tr>
<td>Laundry service for departments in Chicago for one year from July 1, 1959, to June 30, 1960</td>
<td>Various Departments, Chicago Professional Colleges</td>
<td>Great Western Laundry Co., Chicago</td>
<td>59 678 40 (estimated)</td>
</tr>
<tr>
<td>Laundry service for departments at Urbana for the period July 1, 1959, through June 30, 1961</td>
<td>Various Departments, Urbana</td>
<td>Midstate Linen Supply, Inc., Urbana</td>
<td>92 442 96</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Midstate Linen Supply, Inc., White Line Laundry, Inc., both of Champaign</td>
<td>13 384 80</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(estimated costs)</td>
</tr>
<tr>
<td>Roller towel rental service, dispensing cabinets included, for the period July 1, 1959, through June 30, 1961.</td>
<td>Various Departments, Urbana</td>
<td>Champaign Clean Towel Service, Champaign</td>
<td>30 250 00 (estimated)</td>
</tr>
<tr>
<td>Protective clothing rental service for two-year period from July 1, 1959, through June 30, 1961, for the Hunt Union, Residence Halls, and Home Economics Cafeteria: 90,000 coats, military collar, white; 158,000 aprons, bib and waist types, white</td>
<td>Various Departments, Urbana</td>
<td>Midstate Linen Supply, Inc., Urbana</td>
<td>35 140 00 (estimated)</td>
</tr>
<tr>
<td>Various</td>
<td>Purchasing Office</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Midstate Linen Supply, Inc., Urbana</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(estimated)</td>
</tr>
<tr>
<td>Photoengraving service during the two-year period July 1, 1959, through June 30, 1961.</td>
<td>Print Shop</td>
<td>Lake Shore Photo Engraving Co., Inc., Chicago</td>
<td>30 000 00</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>------</td>
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<td>------</td>
</tr>
<tr>
<td>Lease of 29 films, titles as listed, for the life of each print up to six years</td>
<td>Visual Aids Service</td>
<td>Films, Inc., Wilmette</td>
<td>$6,600.00 f.o.b. delivered</td>
</tr>
<tr>
<td>60 16 mm. films</td>
<td>Visual Aids Service</td>
<td>Coronet Films, Chicago</td>
<td>$5,975.50 f.o.b. destination</td>
</tr>
<tr>
<td>120 refrigerators, 8 cu. ft., white enamel finish</td>
<td>Housing Division (for married student apartments)</td>
<td>Frigidaire Sales Corp., Chicago</td>
<td>$11,205.85 f.o.b. Urbana</td>
</tr>
<tr>
<td>111 ranges, electric, white enamel finish, 250 volt, with four burners, with cord and plug</td>
<td>Housing Division</td>
<td>Tepper's Hardware, Urbana (ranges)</td>
<td>$11,205.85 f.o.b. Urbana</td>
</tr>
<tr>
<td>Living room, bedroom, and dining room furniture</td>
<td></td>
<td>Therm Industries, Inc.</td>
<td>$6,000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Heywood-Wakefield to be awarded to S. Buckman Furniture &amp; Supply Co., Spring Valley</td>
<td>$27,505.14</td>
</tr>
<tr>
<td>Two market forge compartment steamers</td>
<td>Housing Division (Men's Residence Halls)</td>
<td>Hanseatic Furniture Co. to be awarded to Rochelle's, Inc., Chicago</td>
<td>$21,157.60</td>
</tr>
<tr>
<td>Garbage and trash pick-up and disposal service for the Stadium Terrace and Illini Village housing units for the two-year period July 1, 1959, through June 30, 1961</td>
<td>Office Supply Stores</td>
<td>J &amp; S Furniture Co. to be awarded to J&amp;S Furniture Manufacturing Co., Chicago</td>
<td>$18,575.00</td>
</tr>
<tr>
<td>11,800 reams 8 1/2 in. x 11 in. five-lb. white No. 4 sulphite duplicator paper</td>
<td>Various Departments, Urbana</td>
<td>General Dynamics Corp., Liquid Carbonic Division, Chicago</td>
<td>$22,157.50 f.o.b. delivered</td>
</tr>
<tr>
<td>775,000 lbs. dry ice, estimated quantity required by all departments for the period from July 1, 1959, through June 30, 1961</td>
<td>Physical Plant Storeroom</td>
<td>Pure Carbonic Co., Chicago</td>
<td>$5,972.72 f.o.b. Urbana</td>
</tr>
<tr>
<td>2,411 board ft., construction grade Douglas fir or West Coast hemlock</td>
<td>Physical Plant Storeroom</td>
<td>Pinelcrest Lumber Co., Chicago</td>
<td>$3,287.72 f.o.b. delivered</td>
</tr>
<tr>
<td>476 sheets miscellaneous plywood</td>
<td>Physical Plant Storeroom</td>
<td>Kochton Plywood &amp; Veneer Co., Inc., Decatur</td>
<td>$2,717.53 f.o.b. delivered</td>
</tr>
<tr>
<td>600 tons Class-X crushed rock</td>
<td>Physical Plant Storeroom</td>
<td>Champaign Builders Supply Co., Champaign</td>
<td>$10,402.00 f.o.b. delivered</td>
</tr>
<tr>
<td>1,000 tons torpedo sand</td>
<td>Physical Plant Storeroom</td>
<td>Martinie Metal &amp; Concrete Products, Champaign</td>
<td>$4,272.00 f.o.b. delivered</td>
</tr>
<tr>
<td>2,000 tons No. 8 crushed stone road binder</td>
<td>Physical Plant Storeroom</td>
<td>Cargill, Inc., LaSalle</td>
<td>$28,900.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Furnish approximately 750 pieces of 8 in. x 6 in. x 6 ft. precast concrete curb as required for the period of July 1, 1959, through June 30, 1961</td>
<td>Physical Plant</td>
<td>Acid Products Co., Inc., Decatur</td>
<td>$2,880.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Approximately 40,000 fifty-lb. bags grade &quot;A&quot; Louisiana rock salt to be used during the period July 1, 1959, through June 30, 1961</td>
<td>Physical Plant</td>
<td>Springer Motor Sales, Rantoul (Ford)</td>
<td>$3,574.35</td>
</tr>
<tr>
<td>22,000 lbs. standard flake caustic soda for period of July 1, 1959, through June 30, 1961</td>
<td>Physical Plant Storeroom</td>
<td>Five sedans</td>
<td>$3,574.35</td>
</tr>
<tr>
<td>Four sedans, four-door, six-cylinder, automatic transmission</td>
<td>Physical Plant Storeroom</td>
<td>Bill Murray Chevrolet, Inc., Monticello</td>
<td>$925.00</td>
</tr>
<tr>
<td>One sedan, four-door, six-cylinder, automatic transmission, power brakes and steering</td>
<td></td>
<td>University Ford Sales, Champaign</td>
<td>$874.00</td>
</tr>
<tr>
<td>One sedan, four-door, V-8, automatic transmission, special police equipment</td>
<td></td>
<td>One station wagon</td>
<td>$988.00</td>
</tr>
<tr>
<td>Two station wagons, four-door, V-8, automatic transmission</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less allowance for six 1957 four-door sedans, and two station wagons</td>
<td></td>
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</tr>
</tbody>
</table>

On motion of Mr. Harewood, these purchases were authorized.
HEADSHIP OF THE DEPARTMENT OF PSYCHOLOGY

(27) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Lloyd G. Humphreys as Professor of Psychology on indefinite tenure and Head of the Department beginning September 1, 1959, at a salary of $14,000.

This is to fill the vacancy created when Professor Lyle H. Lanier, former Head of the Department, was appointed Dean of the College of Liberal Arts and Sciences. In the meantime, Professor W. E. Kappauf has been serving as Acting Head of the Department.

The nomination of Dr. Humphreys was made by a special search committee, and all members of the Department of professorial rank have been consulted. The Vice-President and Provost and the Dean of the Graduate College concur. I recommend approval.

On motion of Mr. Herrick, this appointment was approved.

COORDINATED SCIENCE LABORATORY

(28) The Dean of the College of Engineering, the Director of the Engineering Experiment Station, and the Vice-President and Provost recommend authorization of a change in the functions and objectives of the Control Systems Laboratory from one dealing almost exclusively with classified research on military projects to an interdisciplinary laboratory devoted to a broad program in pure and applied science with classified research being continued in a reduced role. To give the proper indication or definition of this new function, both within the University and abroad, it is recommended that the name be changed to "Coordinated Science Laboratory."

They also recommend the appointments of two Associate Directors, presently members of the Laboratory staff, one of whom will have joint responsibilities with the Department of Physics and the other with the Department of Electrical Engineering: Chalmers William Sherwin, Professor of Physics and Associate Director of the Coordinated Science Laboratory, and Mac Elwyn Van Valkenburg, Professor of Electrical Engineering and Associate Director of the Coordinated Science Laboratory, effective September 1, 1959. The salaries of these positions will be determined when the budget for 1959-60 is submitted to the Board for approval.

The Board of Trustees has previously approved the appointment of Dr. Daniel Alpert, Research Professor of Physics and presently Technical Director of the Control Systems Laboratory, as Director effective July 1, 1959, to succeed Professor F. Wheeler Loomis, who is retiring from active service. It is recommended that Professor Alpert's title be changed to Director of the Coordinated Science Laboratory.

I concur in these recommendations.

On motion of Mr. Swain, these recommendations were approved.

REPORTS OF COMMITTEES

The Board proceeded to consider the following reports and recommendations from its standing committees.

SITE SELECTION FOR RELOCATION OF THE CHICAGO UNDERGRADUATE DIVISION

Mr. Johnston, for the Committee on General Policy, presented the following report and recommendation:

On February 19, 1959, the Board of Trustees designated the Riverside Golf Club and an adjacent area as the site for the permanent location of the Chicago Undergraduate Division of the University of Illinois.

In this action on the Riverside site, the Trustees indicated a willingness to reconsider the decision should Northerly Island be made available at no greater cost and on the development time schedule defined by the Board, namely, decision in time to be considered as the basis for legislative appropriations which would permit construction to start by the fall of 1960 and completion in the fall of 1963.

The Mayor of the city of Chicago has informed the President of the Uni-
versity that after a careful review of all the factors involved, including the possibility of relocating Meigs Field, Northerly Island can not be made available as a University site.

On May 6, 1959, Mayor Richard J. Daley asked the Board of Trustees to consider the railroad terminal area as a site, with the suggestion that Garfield Park be considered as an alternate site if by April, 1960, the railroad terminal could not be made available.

The Trustees have studied this proposal. They believe that no further delay should ensue in declaring a firm decision, so that site planning may be started at once and site development undertaken as soon as funds are appropriated by the General Assembly now in session.

On the basis of the alternatives now before the Board, it is their judgment that the Garfield Park site as now described is second only to Northerly Island as a desirable site within the city of Chicago, assuming that approximately 135 acres of park land and twelve acres of land outside the park can be made available at a cost not to exceed the estimated cost of the Riverside site (in accordance with the Mayor's statement on costs on February 23) on the University's timetable. It is also assumed that certain street closings can be negotiated and that the city plans to designate portions of the adjacent area for redevelopment.

The Board of Trustees, therefore, recommends to the Mayor of the city of Chicago that steps be taken immediately so that the Garfield Park land may be conveyed to the Board of Trustees as soon as the appropriations are made. It would be expected that such enabling legislation as may be necessary for this purpose would be sponsored by the Park District and the City. The Board of Trustees also recommends to the Governor and the General Assembly that the funds for the Chicago Undergraduate Division be appropriated for the purpose of acquiring the Garfield Park site. The Trustees further recommend that the legislation, providing for a referendum on a bond issue for buildings at the state universities, be amended to increase the total by fifty million dollars, the sum estimated to be necessary for buildings and equipment to permit the replacement and enlargement of the program now offered at Navy Pier.

It is the intention of the Board of Trustees to rescind its action of February 19, 1959, with reference to the Riverside site, as soon as the acquisition of Garfield Park by the University is assured.

Conditions of Acceptance for Garfield Park
1. That the entire park land south of the Lake Street elevated (including all the existing improvements) will be deeded to the University of Illinois.
2. That a redevelopment program will be established for the surrounding area by which the park land lost to the community will be relocated.
3. That Fifth Avenue will be closed west of Central Avenue.
4. That consideration will be given by the City to closing one or more of the east-west streets crossing the above site.
5. That the acquisition cost of the park land and the triangular section lying south of it and adjacent to the Congress Street Expressway will not exceed the land acquisition and development costs to the University for construction on the Riverside site.
6. That the University will have the right of access to city streets for the purpose of constructing utilities.

On motion of Mr. Johnston, this recommendation was approved.

BIENNIAL BUILDING PROGRAM FOR 1959-61
Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report:

Governor William G. Stratton's budget message to the Seventy-first General Assembly of Illinois recommends appropriations totaling $14,190,000 to the Uni-

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1 The Garfield Park site herein described differs from that originally proposed in the report of the Real Estate Research Corporation of Chicago. The present proposal includes approximately eighty-one acres of additional park land instead of requiring the acquisition of a similar area of privately owned land. In other words, the area of land which would be available for immediate construction of buildings without requiring clearance or relocation of families has been greatly increased.
versity for buildings and other capital expenditures for the biennium of 1959-61. This total will be distributed as follows, with adjustments in the several items to set up line items for equipment and contingencies.

Power Plant Addition and Utilities Distribution System, Urbana: $6,400,000
Funds to supplement outside grants, Urbana: $1,185,000
Protection of life and property, Urbana and Chicago Professional Colleges: $775,000
For site acquisition, development, and planning (net), Chicago Undergraduate Division: $2,500,000
Completion of buildings under construction, Urbana and Chicago Professional Colleges: $940,000
Plans and specifications, Urbana and Chicago Professional Colleges: $500,000
Remodeling, Urbana and Chicago Professional Colleges: $1,000,000
University's proportionate share of public improvement projects, Urbana: $440,000

Total: $14,190,000

It should be noted that the largest item is an addition to the Power Plant and Utilities Distribution System which will include a new boiler and generator to provide additional capacity for the expansion of academic buildings, and extension of utilities needed to service new residence halls and other revenue financed buildings.

In addition the Governor has recommended a new referendum for a bond issue for educational institutions. If authorized by the General Assembly this referendum will be in the fall of 1960 and if approved, appropriations for the construction of major buildings would be made in the biennium beginning in 1961.

On motion of Mr. Pogue, these adjustments were approved.

PURCHASE OF PROPERTY AT 1201 WEST STOUGHTON STREET, URBANA

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following recommendation:

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1201 West Stoughton Street, Urbana, at a price of $17,000. This property is within the University's long-range land acquisition program and is one of two privately owned lots in the block bounded by Springfield Avenue on the south, Mathews Avenue on the west, Stoughton Street on the north, and Goodwin Avenue on the east, all the other land in that block being owned by the University.

The property at 1201 West Stoughton Street consists of a corner lot 66 feet wide and 100 feet deep with a ten-room frame house formerly occupied by the Alpha Kappa Alpha sorority, the owner. The house is presently unoccupied because it is in need of major repairs, and the sorority has decided to build elsewhere instead of rebuilding on the present site. The house should be razed and the land can be used for parking until needed as a building site. The price is $800.00 higher than the highest appraisal secured by the University, and $1,000.00 less than an appraisal secured by the sorority. It would represent a cost of $2.57 per square foot which is a reasonable price compared with other properties acquired in this area.

Funds are available.

The President of the University concurs in this recommendation.

On motion of Mr. Pogue, the purchase of this property, at the price indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.
PURCHASE OF PROPERTY AT 1003 WESTERN AVENUE, URBANA

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following recommendation:

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1003 Western Avenue, Urbana, at a price of $8,500. This property consists of a lot 60 feet wide and 60 feet deep with a two-story, four-room frame house and a garage-like frame building used as a small warehouse. It is in the area bounded by Western Avenue on the north, Gregory Avenue on the east, Green Street on the south, and Goodwin Avenue on the west. It adjoins the former Illinois Terminal Railroad right-of-way on the south, and the University owns the adjoining property on the west. It is within the area of the University's long-range land acquisition program and will be needed as a part of a site for a new residence hall for unmarried graduate students.

The price is consistent with University appraisals and represents a cost of $2.36 per square foot which is reasonable compared with the value of other properties acquired by the University in this area.

Funds are available.

The President of the University concurs in this recommendation.

On motion of Mr. Pogue, the purchase of this property, at the price indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

BIENNIAL BUDGET FOR 1959-61

Mr. Swain, for the Finance Committee, presented the following report:

Governor William G. Stratton's budget message to the Seventy-first General Assembly of Illinois recommended a total biennial operating budget for the University of $124,910,000. This is a reduction of $6,600,000 in the total budget of $131,510,000 approved by the Board of Trustees October 23, 1958.

While the increase proposed for the University by the Governor is not as much as the University requested and could use effectively, it does provide sufficient funds for the University to make progress in correcting the most serious deficiencies and to meet competition in retaining and recruiting staff. It is recommended that the reductions be taken in the following items. The University Budget Committee has approved the revised distribution of the proposed increase.

<table>
<thead>
<tr>
<th>Original</th>
<th>Revised</th>
<th>Proposed Increase Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contribution to the University Retirement System</td>
<td>$997,200</td>
<td>$997,200</td>
</tr>
<tr>
<td>To continue for a full biennium funds required for one year only in 1957-59</td>
<td>985,600</td>
<td>985,600</td>
</tr>
<tr>
<td>To meet essential increases in expense and equipment</td>
<td>4,000,000</td>
<td>2,750,000</td>
</tr>
<tr>
<td>To continue on a permanent basis expenditures financed temporarily from savings</td>
<td>1,415,000</td>
<td>1,415,000</td>
</tr>
<tr>
<td>Salary adjustments</td>
<td>12,000,000</td>
<td>10,250,000</td>
</tr>
<tr>
<td>University's contribution to the staff health insurance program</td>
<td>600,000</td>
<td>600,000</td>
</tr>
<tr>
<td>To put new buildings into operation</td>
<td>1,290,200</td>
<td>1,290,200</td>
</tr>
<tr>
<td>For additional enrollment</td>
<td>1,480,000</td>
<td>1,480,000</td>
</tr>
<tr>
<td>To improve the educational programs</td>
<td>4,100,000</td>
<td>4,100,000</td>
</tr>
<tr>
<td>Refunds</td>
<td>80,000</td>
<td>80,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$26,948,000</td>
<td>$20,348,000</td>
</tr>
</tbody>
</table>

On motion of Mr. Swain, these revisions in the biennial operating budget were approved.
SECRETARY'S REPORTS
The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) changes in sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT
(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

**ALLEN, ALFRED W., Professor of Ceramic Engineering (C), two months from July 1, 1959, $1055.55 a month; this is in addition to his present appointment (4-9-59).**

**ASCARELLI, GIANNI, Research Associate in Physics (C), one year from September 1, 1959, $7000 (4-20-59).**

**BARRATO, LIBERO, Research Associate in Psychiatry (Medicine), four months from May 1, 1959, $583.33 a month (4-28-59).**

**BART, RONALD K., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, $410 a month, supersedes (4-11-59).**

**BARTLE, ROBERT G., Associate Professor of Mathematics, two months from June 16, 1959, $1655.56; this is in addition to his present appointment (4-29-59).**

**BATeman, PAUL T., Professor of Mathematics, two months from June 16, 1959, $2222.22; this is in addition to his present appointment (4-29-59).**

**BEAMER, RUFUS W., Visiting Lecturer in Agricultural Education, June 15-July 11, 1959, $758 a month (4-9-59).**

**BLISS, LAWRENCE C., Research Assistant Professor of Botany, two months from June 16, 1959, $666.67 a month (4-15-59).**

**BosMary, OLIVER R., JR., Assistant in Education (University High School), August 3-28, 1959, $500 (4-23-59).**

**BUSH, JOHN C., Assistant in Radiology (Medicine), eight months from January 1, 1959, without salary (4-13-59).**

**CHRISTIAN, ROBERT R., Visiting Lecturer in Mathematics, ten months from August 1, 1959, $10,000 (4-29-59).**

**DAVISON, HUGH M., Extension Specialist in University Extension Conference Programs and University Extension Police Training Institute (Division of University Extension), five months from April 1, 1959, $625 a month, supersedes (4-17-59).**

**ERASMUS, CHARLES J., Research Associate in Anthropology, two months from June 16, 1959, $1111.10; this is in addition to his present appointment (4-29-59).**

**FARON, LOUIS C., Research Associate in Anthropology, two months from June 16, 1959, $1111.10; this is in addition to his present appointment (4-29-59).**

**FOSDICK, LLOYD D., Research Assistant Professor of Physics (Digital Computer Laboratory), one month from June 16, 1959, $711.11 (4-20-59).**

**GINSBERG, DONALD M., Research Associate in Physics (College of Engineering and Graduate College), one year from September 1, 1959, $7500 (4-3-59).**

**GOTHELF, BERNARD, Research Assistant in Psychiatry (Medicine), April 12-August 31, 1959, $450 a month (4-28-59).**

**GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, $400 a month (4-23-59).**

**HAGGLUND, RAY, Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1959, $2600 (4-28-59).**

**HANdLER, JEROME L., Clinical Assistant in Medicine (Medicine), six months from March 1, 1959, without salary (4-13-59).**

**HART, ALICE G., Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, $500 a month for the ten-month period of August 1, 1959, through May 31, 1960 (4-20-59).**

**HERBST, RICHARD J., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, $440 a month, supersedes (4-11-59).**

**JOHN, KARL O., Research Assistant in Chemistry, one year from April 16, 1959, $5100 (4-23-59).**
JOHNSON, NOEL H., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, $422.22 a month (4-23-59).

JOHNSON, ROBERT E., Director of University Honors Programs (Provost's Office), seven months from February 1, 1959, without additional salary; this is in addition to his present appointment (4-9-59).

KIRLEY, MALCOLM B., Assistant Professor of Agricultural Marketing (Agricultural Economics) (E), five months from April 1, 1959, $700 a month, supersedes (4-28-59).

KNOX, ROBERT S., Research Associate in Physics (C), five months from April 1, 1959, $583.33 a month, supersedes (4-20-59).

KOZI, VERA M., Research Assistant in Medicine (Medicine), five months from April 1, 1959, $366.66 a month (4-9-59).

KUNIH, MUNSHI C., Jr., Research Associate in Education (University High School), ½ time, nine months from September 16, 1959, $2500 (4-20-59).

LYON, RICHARD O., Associate Professor of 4-H Club Work (E), five months from April 1, 1959, $712.50 a month, supersedes (4-3-59).

McDERMOTT, MARK N., Research Associate in Physics (C), July 1, 1959-August 31, 1960, $7000 a year (4-20-59).

MICHEL, GERD A. W., Research Associate in Chemistry, one year from September 1, 1959, $5400 (4-20-59).

MILLS, QUEENIE B. B., Acting Head of Child Development and Family Relations, five months from February 1, 1959, $500; this is in addition to her present appointment (4-28-59).

MORRIS, CHARLES E., Jr., Visiting Research Associate in Education (University High School), ½ time, nine months from September 16, 1959, $2500 (4-20-59).

MYERS, JOHN J., Research Assistant Professor in the Control Systems Laboratory (S), February 25-August 31, 1959, $11,500 a year (4-9-59).

NUNNALLY, JIM C., Jr., Associate Director of University Honors Programs (Provost's Office), seven months from February 1, 1959, without additional salary; this is in addition to his present appointment (4-9-59).

PAGE, DAVID A., Assistant Professor of Education (University High School), two months from June 16, 1959, $1838.10; this is in addition to his present appointment (4-28-59).

POHL, VICTOR E., Research Assistant Professor of Medicine (Medicine), five months from April 1, 1959, without salary (4-28-59).

RASMUSSEN, MRS. LORE, Research Associate in Education (University High School), two months from June 16, 1959, $593.33 a month (4-20-59).

RAY, SYLVIAN R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, $444.44 a month (4-23-59).

RINGUS, EDMUND, Clinical Instructor in Radiology (Medicine), ½ time, five months from April 1, 1959, $175 a month, supersedes (4-9-59).

RISKE, MARCUS, Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, $450 a month for the ten-month period of August 1, 1959 through May 31, 1960 (4-20-59).

SARNAT, SHEILA P., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals, Pharmacy), March 23-August 31, 1959, $466.67 a month (4-9-59).

SHEAGREN, JOHN W., Physician in the Health Service (with rank of Instructor in Medicine) (Chicago Professional Colleges), ½ time, April 6-August 31, 1959, $433.33 a month, supersedes (4-9-59).

STEPHENS, RICHARD B., Professor of Law, academic year beginning September 1, 1959, $14,500 (4-12-59).

STEWART, WILSON N., Research Professor of Botany, two months from June 16, 1959, $1055.55 a month; this is in addition to his present appointment (4-15-59).

THOMAS, ROBERT L., Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1959, $2500 (4-28-59).

TISDALE, WILLIAM J., Research Assistant in the Institute for Research on Exceptional Children, two months from June 16, 1959, $800 (4-23-59).

TREMBULL, THOMAS J., Visiting Lecturer in Education (University High School), for services for the period August 1, 1959-June 4, 1960, $450 a month for the ten-month period of August 1, 1959 through May 31, 1960 (4-20-59).
VANCOG, DONALD W., Pharmacy Resident (Pharmacy), ¾ time, March 15-August 31, 1959, $1350 a year; for the convenience of the University he will also be furnished room, board, and laundry of uniforms while on duty, supersedes (4-9-59).

WAHL, FLOYD M., Research Assistant Professor of Geology, two years from July 1, 1959, $7000 a year (4-9-59).

WHITFIELD, GEORGE D., Research Associate in Physics (C), for one year from September 1, 1959, $6500 (4-13-59).

WICKLUND, ROMAYNE C., Extension Specialist in Conference Programs (Division of University Extension), April 15-August 31, 1959, $541.66 a month (4-20-59).

WISEMAN, NEIL E., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1959, $422.22 a month (4-23-59).

GRADUATE FELLOWS
(The following appointments made by the Dean of the Graduate College were approved on March 23, 1959, except where otherwise indicated in parentheses.)

Accountancy
GEU, HAROLD L., Fellow, nine months from September 16, 1959, $1500.
KEISTER, ORVILLE R., JR., Fellow, nine months from September 16, 1959, $1500.
LOWENSTEIN, ROBERT R., Fellow, nine months from September 16, 1959, $1500.
SENNEFF, RICHARD J., Fellow, nine months from September 16, 1959, $1500.

Agricultural Economics
COWLING, KEITH G., Fellow, nine months from September 16, 1959, $2000.
LANGHAM, MAX R., Fellow, nine months from September 16, 1959, $1500.
PATTERSON, REX A., Wright Fellow, nine months from September 16, 1959, $1500 (4-2-59).
STOEVENER, HERBERT H., Wright Fellow, nine months from September 16, 1959, $1500 (4-2-59).
TINSLEY, WILLIAM A., Fellow, nine months from September 16, 1959, $1500.
WARMBROD, JAMES R., Hackett Fellow, nine months from September 16, 1959, $1500 (4-2-59).

Agronomy
CHENG, HWEI-HSIEN, Fellow, nine months from September 16, 1959, $1500.
DREISOW, BEVERLY V., Hackett Fellow, nine months from September 16, 1959, $1500 (4-2-59).
HALL, GEORGE F., Wright Fellow, nine months from September 16, 1959, $1500 (4-2-59).
PRENSKY, WOLF, Fellow, nine months from September 16, 1959, $1500.
SAVAGE, SCOTT M., Fellow, nine months from September 16, 1959, $1500.
WATKINS, PHILLIP W., Fellow, nine months from September 16, 1959, $1500.
WILDING, LAWRENCE P., Fellow, nine months from September 16, 1959, $1500.

Animal Science
BREIDENSTEIN, BLAINE B., Wright Fellow, nine months from September 16, 1959, $1500 (4-2-59).

Anthropology
NAGATA, SHUICHI, Fellow, nine months from September 16, 1959, $1500.

Architecture
HOLSCHNEIDER, JOHANNES P., Fellow, nine months from September 16, 1959, $1500.
HSIU, HWEI-CHIH, Fellow, nine months from September 16, 1959, $1500.
MILLER, HAROLD J., Kaiser Aluminum and Chemical Corporation Fellow, nine months from September 16, 1959, $1500.

Art
BADNER, MINO D., Fellow, nine months from September 16, 1959, $1500.
BASSARO, JOAN M. K., Fellow, nine months from September 16, 1959, $1500.
Epler, Rosa L., Fellow, nine months from September 16, 1959, $1500.
Gates, Mrs. Elaine B., Fellow, nine months from September 16, 1959, $1500.
Glenn, John R., Fellow, nine months from September 16, 1959, $1500.
Hagewood, Harold C., Fellow, nine months from September 16, 1959, $1500.
Hooven, Peter K., Fellow, nine months from September 16, 1959, $1500.

Bacteriology
Esrig, Mrs. Stella M., Fellow, nine months from September 16, 1959, $1500.
Raps, Shirley, Fellow, nine months from September 16, 1959, $1500.

Botany
Allen, Richard D., Fellow, nine months from September 16, 1959, $1500.
Bourke, Alice J., Fellow, nine months from September 16, 1959, $1500.
Govindjee, Mrs. Rajni, Fellow, September 16, 1959-January 31, 1960, $750.

Business
Furuhashi, Yusaku I., Fellow, nine months from September 16, 1959, $1500.

Ceramic Engineering
Capek, Raymond G., General Electric Company Fellow, nine months from September 16, 1959, $1750 (4-2-59).
Hall, Charles A., National Lead Company Fellow, nine months from September 16, 1959, $1740 (4-27-59).
Wirth, David G., Jr., Armco Steel Corporation Fellow, nine months from September 16, 1959, $1900 (4-27-59).

Chemical Engineering
Balchan, Anthony S., Autoclave Engineers Fellow, nine months from September 16, 1959, $1800.
Buehl, Walter M., Jr., Fellow, nine months from September 16, 1959, $1500.
Edwards, Arthur L., Shell Companies Foundation Fellow, nine months from September 16, 1959, $2100.
Gregg, David W., Consolidation Coal Company Fellow, nine months from September 16, 1959, $1500 (4-21-59).
Hosler, E. Ramon, Monsanto Chemical Company Summer Research Fellow, two months from June 16, 1959, $550 (4-17-59).
Lilleleht, Lembit U., Fellow, nine months from September 16, 1959, $1500.
Lilleleht, Lembit U., American Oil Company Fellow, nine months from September 16, 1959, $1500, supersedes (4-21-59).
Reiss, L. Philip, Union Carbide Corporation (Visking) Fellow, nine months from September 16, 1959, $2100.
Sheely, Clyde Q., Jr., Fellow, nine months from September 16, 1959, $1500.
Stephens, Douglas K., Dow Chemical Company Fellow in Chemical Engineering, nine months from September 16, 1959, $1700 (4-21-59).
Tanamoto, Sadao, Fellow, nine months from September 16, 1959, $1500.
Tischer, Richard E., Fellow, nine months from September 16, 1959, $1500.
Welch, John F., USI Fellow, nine months from September 16, 1959, $1800 (4-2-59).
Wiederhorn, Sheldon, Fellow, September 16, 1959-January 31, 1960, $750.
Youngquist, Gordon R., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1959, $1500 (4-21-59).

Chemistry
Anderson, Donald J., Fellow, nine months from September 16, 1959, $1500.
Beck, James R., Standard Oil Company of California Fellow, nine months from September 16, 1959, $1500.
Brooks, Suzanne B., USI Fellow, nine months from September 16, 1959, $1800 (4-2-59).
BURTON, ALICE J., Fellow, nine months from September 16, 1959, $1500.
BURTON, GILBERT W., Fellow, nine months from September 16, 1959, $1500.
CHILTON, WILLIAM S., Fellow, nine months from September 16, 1959, $1500.
COOK, ADDISON G., Monsanto Chemical Company Summer Research Fellow, two
months from June 16, 1959, $550 (4-20-59).
DREW, ERNEST H., Fellow, nine months from September 16, 1959, $1500.
FAY, ROBERT C., Dow Chemical Company Fellow, nine months from September
16, 1959, $1700.
FRIHAUF, EDWARD J., Firestone Tire and Rubber Company Fellow, nine months
from September 16, 1959, $1500 (4-15-59).
GALE, WALTER W., Phillips Petroleum Company Fellow, nine months from Sep-
HAYNES, LEROY W., Monsanto Chemical Company Fellow, nine months from
September 16, 1959, $1750.
HEINS, CONRAD F., Fellow, nine months from September 16, 1959, $1500.
KONZ, MARVIN J., Sinclair Research Laboratories Fellow, nine months from
September 16, 1959, $1500.
McCARTY, CHARLES G., Roger Adams Fellow, nine months from September 16,
1959, $1600 (4-21-59).
McMURRAY, WALTER J., Eli Lilly Fellow, nine months from September 16, 1959,
$1700 (4-15-59).
MAYERS, BERNARD L., Fellow, nine months from September 16, 1959, $1500.
MON, MEHM TIN, Fellow, nine months from September 16, 1959, $1500.
Neale, Robert S., Gillette-Toni Fellow, nine months from September 16, 1959,
$2500 (4-2-59).
Osborn, Genie C., Fellow, nine months from September 16, 1959, $1500.
Paisley, Mrs. Nancy C., Fellow, nine months from September 16, 1959, $1500.
Rose, Norman J., Toms-River-Cincinnati Chemical Corporation Fellow, nine
months from September 16, 1959, $1800.
SCHUC, JOHN C., General Electric Company Fellow, nine months from Septem-
ber 16, 1959, $2500.
SCHELTZ, JOHN E., Union Carbide Corporation (Union Carbide Plastics Com-
pany) Fellow, nine months from September 16, 1959, $2100 (4-13-59).
SMITH, RUSSELL G., Rohm and Haas Company Fellow, nine months from Sep-
tember 16, 1959, $1750.
TENET, DAVID W., Fellow, nine months from September 16, 1959, $1500.
THOMPSON, LARRY C., United States Rubber Company Fellow, nine months from
September 16, 1959, $2100.
TIPTON, CARL L., Procter and Gamble Company Fellow, nine months from Sep-
tember 16, 1959, $2100.
Toren, Eric C., Jr., Socony Mobil Oil Company Fellow, nine months from Sep-
TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow, nine
months from September 16, 1959, $1500.
UBEL, JACOB J., Fellow, nine months from September 16, 1959, $1500.
VERKADE, JOHN G., Monsanto Chemical Company Fellow, nine months from Sep-
tember 16, 1959, $1750.
WEDDEGARTNER, DONALD K., Allied Chemical Corporation (Plastics and Coal
Division) Fellow, nine months from September 16, 1959, $2000.
WENZ, DONALD A., Ethyl Corporation Fellow, nine months from September 16,
1959, $1800.
WERNER, NEWTON D., Allied Chemical Corporation (Nitrogen Division) Fellow,
nine months from September 16, 1959, $1500.

City Planning

Smith, Douglas C., Fellow, nine months from September 16, 1959, $1500.

Civil Engineering

AMIN, MOHAMMAD, Fellow, nine months from September 16, 1959, $1500.
BUCKNAM, RONALD E., California Oil Company Fellow, nine months from Sep-
tember 16, 1959, $1500.
CHUANG, KUEN-PUO, Fellow, nine months from September 16, 1959, $1500.

DAI, KUANG-HSUN, Fellow, nine months from September 16, 1959, $1500.

DONELLAN, BERNARD A., Raymond Concrete Pile Company (in memorial to A. E. Cummings) Fellow, nine months from September 16, 1959, $1500.

FUKUMOTO, YUHSHI, Fellow, nine months from September 16, 1959, $1500.

GUSTAFSON, WILLIAM C., Fellow, nine months from September 16, 1959, $1500.

HENDRON, ALFRED J., Fellow, nine months from September 16, 1959, $1500.

HOLT, JOHN K., Fellow, nine months from September 16, 1959, $1500.

KEENE, KENNETH R., Automotive Safety Foundation Fellow, nine months from September 16, 1959, $1500.

PFRANG, EDWARD O., Fellow, nine months from September 16, 1959, $1500.

SINGH, KRISHAN P., Fellow, nine months from September 16, 1959, $1500.

WIGGINS, JOHN H., JR., Esso Research and Engineering Company Fellow, nine months from September 16, 1959, $2400.

Classics

ABRAMS, SAMUEL I., Fellow, nine months from September 16, 1959, $1500.

Communications

GUBACK, THOMAS H., Fellow, nine months from September 16, 1959, $1500.

Dairy Science


Digital Computer Laboratory

WONG, ALFRED Y., Fellow, nine months from September 16, 1959, $1500.

Economics

HALL, WARREN C., JR., Fellow, nine months from September 16, 1959, $1500.

FAIRGREVES, RICHARD L., Fellow, nine months from September 16, 1959, $1500.

Tomlinson, Robert M., Fellow, nine months from September 16, 1959, $1500.

Electrical Engineering


Campbell, Henry G., Jr., Fellow, nine months from September 16, 1959, $1500.

Chen, Shu-Park, Fellow, nine months from September 16, 1959, $1500.

Engelhardt, Albert G., Fellow, nine months from September 16, 1959, $1500.

Feingold, Harvey, Fellow, nine months from September 16, 1959, $1500.

Ghosh, Hitendra N., Fellow, nine months from September 16, 1959, $1500.

Jones, Edwin C., Jr., Fellow, nine months from September 16, 1959, $1500.

LaFUSE, Harry G., Westinghouse Fellowship-Instructorship, nine months from September 16, 1959, $2500 (4-17-59).

Liu, Ruey-Wen, General Electric Company Fellow, nine months from September 16, 1959, $2100 (4-17-59).

Mclaren, Robert W., Fellow, nine months from September 16, 1959, $1500.


Parr, Richard J., Fellow, nine months from September 16, 1959, $1500.
RAO, SUNKARA N., Fellow, nine months from September 16, 1959, $1500.
SINNEMA, WILLIAM, Ford Foundation Fellow (Trainee), nine months from September 16, 1959, $2000.
STEIN, HERBERT J., Fellow, nine months from September 16, 1959, $1500.
WANG, CARL C., Fellow, nine months from September 16, 1959, $1500.

**English**

ANDERSEN, SAYRE D., Fellow, nine months from September 16, 1959, $1500.
COLACUNIO, MICHAEL J., Jr., Fellow, nine months from September 16, 1959, $1500.
FRIEND, GEORGE L., Fellow, nine months from September 16, 1959, $1500.
HEAGARTY, MARY A., Fellow, nine months from September 16, 1959, $1500.
RACKIN, MRS. PHYLLIS, Fellow, nine months from September 16, 1959, $1500.
REHM, MRS. PRISCILLA, Fellow, nine months from September 16, 1959, $1500.
SILVIA, DANIEL S., Jr., Fellow, nine months from September 16, 1959, $1500.
ZIMMER, JEANNE C., Fellow, nine months from September 16, 1959, $1500.

**Entomology**

HURLEY, RICHARD L., Fellow, nine months from September 16, 1959, $1500.

**Finance**

HAYDON, RANDALL B., General Electric Company Fellow, nine months from September 16, 1959, $2500.

**Food Technology**

CUMMISFORD, PATRICIA D., Fellow, nine months from September 16, 1959, $1500.
ENDRES, JOSEPH G., Hackett Fellow, nine months from September 16, 1959, $1500.
KIM, DONG HOON, Fellow, nine months from September 16, 1959, $1500.

**French**

BOVEY, BETTY D., Fellow, nine months from September 16, 1959, $1500.
GASTINEAU, MARIANNE, Fellow, nine months from September 16, 1959, $1500.
RAGSDALE, JULIA A., Fellow, nine months from September 16, 1959, $1500.
RAINS, MRS. RUTH R., Fellow, nine months from September 16, 1959, $1500.
WOLIN, MRS. DARCY B., Fellow, nine months from September 16, 1959, $1500.

**Geography**

ARMSTRONG, RICHARD W., Fellow, nine months from September 16, 1959, $1500.
GAGE, DANIEL W., Fellow, nine months from September 16, 1959, $1500.
HELLER, CHARLES F., JR., Fellow, nine months from September 16, 1959, $1500.
MCDONALD, JAMES R., Fellow, nine months from September 16, 1959, $1500.

**Geology**

BICKFORD, MARION E., Jr., Shell Oil Company Fellow, nine months from September 16, 1959, $1500 (4-13-59).
BREDEHOEFT, JOHN D., Fellow, nine months from September 16, 1959, $1500.
COLQUHOUN, DONALD J., Fellow, nine months from September 16, 1959, $1500.
 NIEMANN, ROBERT L., Illinois Clay Products Fellow, nine months from September 16, 1959, $1500 (4-13-59).
PACE, NORMAN J., Fellow, nine months from September 16, 1959, $1500.
PEIKERT, ERNEST W., Fellow, nine months from September 16, 1959, $1500.
SCOTT, JOHN S., Fellow, nine months from September 16, 1959, $1500.
STONE, JOHN E., Fellow, nine months from September 16, 1959, $1500.
TETTENHORST, RODNEY T., Illinois Clay Products Company Fellow, nine months from September 16, 1959, $1500.
WILSON, WILLIAM E., III, Fellow, nine months from September 16, 1959, $1500.
WOLFF, ROGER G., National Lead Company Fellow, nine months from September 16, 1959, $1500.

**German**

LOCICERO, VINCENT, Fellow, nine months from September 16, 1959, $1500.
POAG, JAMES F., Fellow, nine months from September 16, 1959, $1500.
History
COLLINS, JACQUELIN, Fellow, nine months from September 16, 1959, $1500.
GRAY, RALPH D., Fellow, nine months from September 16, 1959, $1500.
KING, PETER J., Kendric C. Babcock Fellow, nine months from September 16, 1959, $1800.
MISSE, FREDERICK B., Jr., Fellow, nine months from September 16, 1959, $1500.
KREUTER, FRANCIS T., Fellow, nine months from September 16, 1959, $1500.
RICHARDS, JAMES O., Fellow, nine months from September 16, 1959, $1500.
RIGGS, GEORGE T., Fellow, nine months from September 16, 1959, $1500.
SMITH, RICHARD C., Jr., Fellow, nine months from September 16, 1959, $1500.
SMITH, WILDA M., Fellow, nine months from September 16, 1959, $1500.
WEBB, BUDDY G., Fellow, nine months from September 16, 1959, $1500.

Home Economics
SMITH, JEAN A., General Foods Fund Fellow, nine months from September 16, 1959, $3000.
SNOWDEN, JANE M., General Foods Fund Fellow, nine months from September 16, 1959, $3000.

Italian
BREMNER, ELLEN L., Fellow, nine months from September 16, 1959, $1500.

Labor and Industrial Relations
ESTOCK, JEROME H., Fellow, nine months from September 16, 1959, $1500.

Law
ELLIASSON, ELIAS L., Fellow, nine months from September 16, 1959, $1500.
INGMARSSON, JOHN, Fellow, nine months from September 16, 1959, $1500.
OLFSSON, JAN A., Fellow, nine months from September 16, 1959, $1500.
ROSQUIST, OLE K., Fellow, nine months from September 16, 1959, $1500.

Library Science
BARKER, DALE L., Katherine L. Sharp Fellow, nine months from September 16, 1959, $600 (4-2-59).
DABNEY, PATRICIA A., Fellow, nine months from September 16, 1959, $1500.
FELLER, SIEGFRIED, Fellow, nine months from September 16, 1959, $1500.
GARRISON, GUY C., Fellow, nine months from September 16, 1959, $1500.

Management
PHILLIPS, JOHN R., Fellow, nine months from September 16, 1959, $1500.

Mathematics
CHAKRAVARTI, RENU, Fellow, nine months from September 16, 1959, $1500.
CUDA, DENNIS E., Fellow, nine months from September 16, 1959, $1500.
GREENBLATT, ROBERT, Fellow, nine months from September 16, 1959, $1500.
GROSSMAN, MARVIN W., Fellow, nine months from September 16, 1959, $1500.
MITTMAN, CALVIN H., Fellow, nine months from September 16, 1959, $1500.
RAO, CHIVUKULA R., Continental Oil Company Fellow, nine months from September 16, 1959, $2200.
ROBINSON, IRVINE J., Fellow, nine months from September 16, 1959, $1500.
SAHAGURSKY, PAUL L., Fellow, nine months from September 16, 1959, $1500.
SINGH, RAJINDER, Fellow, nine months from September 16, 1959, $1500.
THOMAS, ROBERT L., Fellow, nine months from September 16, 1959, $1500.

Mechanical Engineering
BUTLER, JOHN S., Fellow, nine months from September 16, 1959, $1500.
CLAUSING, ARTHUR M., Sperry Gyroscope Company Fellow, nine months from September 16, 1959, $1800.
CZERNIK, DANIEL E., Fellow, nine months from September 16, 1959, $1500.
HELMBURG, RICHARD W., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, $2000.
HILL, JAMES L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, $2000.


Yellin, Edward L., Ford Foundation Fellow (Trainee), nine months from September 16, 1959, $3000, supersedes (4-16-59).

Mining and Metallurgical Engineering

Beaman, Donald R., Inland Steel-Ryerson Foundation Fellow, nine months from September 16, 1959, $2400 (4-21-59).

Ratti, Giuseppe, Fellow, nine months from September 16, 1959, $1500.

Music

Buchanan, Gail K., Fellow, nine months from September 16, 1959, $1500.


Finfield, Mrs. Carolyn A., Fellow, nine months from September 16, 1959, $1500.

Kellogg, Virginia K., Fellow, nine months from September 16, 1959, $1500.

Lutz, Mary E., Fellow, nine months from September 16, 1959, $1500.

McWilliams, Burr M., Fellow, nine months from September 16, 1959, $1500.

Stoffel, Ronald A., Fellow, nine months from September 16, 1959, $1500.

Ward-Steinman, David, George A. Miller Fellow, nine months from September 16, 1959, $2000.

Wilson, Wendy Y., Fellow, nine months from September 16, 1959, $1500.

Nuclear Engineering

Wittke, Dayton D., Fellow, nine months from September 16, 1959, $1500.

Philosophy

Cohen, Mendel F., Fellow, nine months from September 16, 1959, $1500.


Physics

Burman, Robert L., Eastman Kodak Fellow, nine months from September 16, 1959, $2000 (4-13-59).

Burton, John W., Fellow, nine months from September 16, 1959, $1500.

Finnemore, Douglas K., United States Steel Foundation Fellow, nine months from September 16, 1959, $2500 (4-13-59).

Harris, Samuel M., Gulf Research and Development Company Fellow, nine months from September 16, 1959, $2000 (4-13-59).

Henry, Charles H., Fellow, nine months from September 16, 1959, $1500.

Hetherington, Jack H., Corning Glass Works Foundation Fellow, nine months from September 16, 1959, $2000 (4-21-59).

Klewer, Kenneth L., Fellow, nine months from September 16, 1959, $1500.

Martino, Frank, Fellow, nine months from September 16, 1959, $1500.

McKinley, John M., General Electric Company Fellow, nine months from September 16, 1959, $2500 (4-15-59).

Miller, Peter B., Raytheon Manufacturing Company Fellow, nine months from September 16, 1959, $2000 (4-13-59).

Nam, Sang B., Fellow, nine months from September 16, 1959, $1500.

Sincerbox, Glenn T., Fellow, nine months from September 16, 1959, $1500.

Soots, Vello, Fellow, nine months from September 16, 1959, $1500.

Wojcieszowski, Gene H., Fellow, nine months from September 16, 1959, $1500.

Young, John H., Fellow, nine months from September 16, 1959, $1500.

Plant Pathology

Nene, Yeshwant L., Fellow, nine months from September 16, 1959, $1500.

Ramachandran, S., Wright Fellow, nine months from September 16, 1959, $1500 (4-2-59).
Political Science
Green, Charles R., Kendric C. Babcock Fellow, nine months from September 16, 1959, $1800.
Greenhill, H. Gaylon, Fellow, nine months from September 16, 1959, $1500 (4-2-59).
Liefman, Charles S., George A. Miller Fellow, nine months from September 16, 1959, $2000.
Tai, H. C., Fellow, nine months from September 16, 1959, $1500 (4-2-59).
Tucker, Joseph B., University Fellow, nine months from September 16, 1959, $1500 (4-13-59).
Wetherington, Gerald T., James W. Garner Fellow, nine months from September 16, 1959, $1800.
Wilson, Thomas D., Fellow, nine months from September 16, 1959, $1500 (4-2-59).
Wilson, Thomas D., John A. Fairlie Fellow, nine months from September 16, 1959, $1800, supersedes (4-20-59).
Wood, David M., Kendric C. Babcock Fellow, nine months from September 16, 1959, $2500 (4-2-59).
Zeigler, Luther H., Jr., Kendric C. Babcock Fellow, nine months from September 16, 1959, $1800.

Psychology
Bailey, Janet H., George A. Miller Fellow, nine months from September 16, 1959, $2000.
Fass, Peter J., Fellow, nine months from September 16, 1959, $1500.
Hosoda, Kazumasa, Fellow, nine months from September 16, 1959, $1500.
Kopman, Jerry W., Fellow, nine months from September 16, 1959, $1500.
Linari, Marion R., Fellow, nine months from September 16, 1959, $1500.
Matteson, Halsey H., George A. Miller Fellow, nine months from September 16, 1959, $2000.
Piorkowski, Mrs. Geraldine K., Fellow, nine months from September 16, 1959, $1500.

Social Work
Myers, Lucymae, Fellow, nine months from September 16, 1959, $1500.
Stuntz, Jane A., Fellow, nine months from September 16, 1959, $1500.

Sociology
Cohen, Harry, Fellow, nine months from September 16, 1959, $1500.
Downey, Kenneth J., Fellow, nine months from September 16, 1959, $1500.
Suttles, Gerald D., Fellow, nine months from September 16, 1959, $1500.

Spanish
Alley, Ethel H., Fellow, nine months from September 16, 1959, $1500.
Forster, Merlin H., Fellow, nine months from September 16, 1959, $1500.
Reedy, Daniel R., University Fellow, February 1-June 15, 1960, $750 (4-13-59).
Schmidt, Ruth A., Fellow, nine months from September 16, 1959, $1500.
White, Marcia J., Fellow, nine months from September 16, 1959, $1500.

Speech
Day, Dennis G., Fellow, nine months from September 16, 1959, $1500.
Hoops, Richard A., Fellow, nine months from September 16, 1959, $1500.
Sloan, John H., Fellow, nine months from September 16, 1959, $1500.

Theoretical and Applied Mechanics
Feltner, Charles E., Fellow, nine months from September 16, 1959, $1500.
Gusser, John L., Fellow, nine months from September 16, 1959, $1500.
Kemp, Emory L., Fellow, nine months from September 16, 1959, $1500.
Weitaman, Yechiel, Fellow, nine months from September 16, 1959, $1500.

Veterinary Medical Science
Kaebeler, Merlin L., Fellow, nine months from September 16, 1959, $1500.
Zoology
Clarke, Richard B., Fellow, nine months from September 16, 1959, $1500.
Costello, Dolores A., Fellow, nine months from September 16, 1959, $1500.
Forsyth, Nancy J., Fellow, nine months from September 16, 1959, $1500.
Zimmerman, John L., Fellow, nine months from September 16, 1959, $1500.

Chicago Professional Colleges
Arora, Balraj K., University Fellow, nine months from September 1, 1959, $2000 (4-9-59).
Berg, David H., University Fellow, nine months from September 1, 1959, $1500 (4-9-59).
Edwards, John R., University Fellow, nine months from September 1, 1959, $1500 (4-9-59).
Hewitson, Richard E., University Fellow, nine months from September 1, 1959, $1500 (4-9-59).
Mailman, David S., University Fellow, nine months from September 1, 1959, $1500 (4-9-59).
Salerni, Oreste, University Fellow, nine months from September 1, 1959, $1500 (4-9-59).
Stewart, Ann, University Fellow, nine months from September 1, 1959, $1500 (4-9-59).
Wassmer, Elizabeth L., University Fellow, nine months from September 1, 1959, $1500 (4-9-59).
Zomeno, Mariano, D. J. Davis Fellow, one year from July 1, 1959, $3600 (4-2-59).

Resignations and Declinations
Anderson, William R., Assistant Professor of Physics (Chicago Undergraduate Division) (Summer Session) — declination effective June 19, 1959.
Berg, David H., University Fellow in the Chicago Professional Colleges — declination effective September 1, 1959.
Daniels, Ralph, Associate Professor of Chemistry (Pharmacy) (Summer Session) — declination effective June 22, 1959.
Georgis, Louis G., Fellow in the Chicago Professional Colleges — resignation effective April 1, 1959.
Goldberg, Jack L., Continental Oil Company Fellow in Mathematics — resignation effective April 1, 1959.
Gould, Phillip L., Fellow in Civil Engineering — declination effective February 1, 1960.
Griffith, Jerry, Assistant in the University Speech Clinic (Summer Session) — declination effective June 15, 1959.
Hoffman, Gerald K., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective April 1, 1959.
Hopkins, Morris K., Fellow in History — resignation effective April 7, 1959.
Levy, Lawrence S., Assistant in Mathematics (Summer Session) — declination effective June 15, 1959.
Lowenstein, Joseph R., Fellow in Accountancy — resignation effective April 7, 1950.
McIvor, Mrs. Dorothy F., Instructor in Home Economics Extension (E) — resignation effective June 27, 1959.
Pace, Ralph C., Fellow in History — resignation effective April 16, 1959.
Salvatore, Joseph, Research Assistant in the Control Systems Laboratory (S) — resignation effective June 25, 1959.
Scaravelli, George, Instructor in Pathology (Medicine) — resignation effective May 16, 1959.
Tipler, Mrs. Suzanne, Reference Assistant in the Library — resignation effective July 1, 1959.
Young, George A., Associate Professor of Civil Engineering (C) — resignation effective April 13, 1959.

Leaves of Absence
Finlay, Gilbert C., Professor of Education, Assistant Dean of the College of Education, and Head of Counseling Services on the University Council on
Teacher Education — continuation of leave of absence on 80 per cent time, without pay, from June 15, 1959, through June 14, 1960, so that he may continue his work with the Physical Science Study Committee Program.

Frampton, George T., Professor of Law — leave of absence, without pay, for the academic year 1959-60, so that he may accept the invitation to teach at the Law School of the University of California at Berkeley.

Fulk, Harry J., Professor of Botany — leave of absence, without pay, beginning March 1, 1959, and continuing until further notice, on account of disability.

Hamilton, Norman T., Assistant Professor of Mathematics — extension of leave of absence, without pay, for the academic year 1959-60, in order that he may continue his research work in algebraic geometry, at Johns Hopkins University.

Klute, Arnold, Associate Professor of Soil Physics (Agronomy), in the College of Agriculture and in the Agricultural Experiment Station — leave of absence, without pay, for six months beginning September 1, 1959. This is in addition to his sabbatical leave of absence beginning March 1, 1960.

Trump, J. Lloyd, Professor of Education, and Head of Teacher Placement on the University Council on Teacher Education — continuation of leave of absence on 50 per cent time, without pay, for the academic year beginning September 1, 1959, so that he may continue to serve as Director of the Commission on Experimental Study of the Utilization of Staff in the Secondary School.

Changes in Sabbatical Leaves of Absence

Davis, Nuel P., Assistant Professor of English, sabbatical leave of absence granted him for 1959-60 changed to leave for the second semester on full pay.

Hays, Ray L., Assistant Professor of Physiology, in the Department of Dairy Science, in the College of Agriculture and in the Agricultural Experiment Station, sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

Kelly, J. Robert, Associate Professor of Music, sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

July Meeting

On motion of Mr. Johnston, the Board voted to hold its July meeting on July 21, 1959.

On motion of Mr. Swain, the Board voted to hold this meeting in Urbana, at an hour and place to be determined by the President and the Secretary of the Board.

Address by Professor George C. McVittie

President Henry introduced Professor George C. McVittie, Head of the Department of Astronomy, who addressed the Board on the subject of the radio telescope which is being developed by his Department, illustrating his presentation with a model of the project.

Food Service Award

President Henry and Mr. Vernon L. Kretschmer, Director of Housing, reported on an award received by the University from Institutions Magazine, in its 1959 annual food service contest, for the design and installations of the food service equipment in the Gregory Drive Residence Halls. A memorandum giving the details of this award has been filed with the Secretary for record.

On motion of Mr. Swain, the Board adjourned.
The June meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Tuesday, June 23, 1959, beginning at 3:00 p.m., central daylight saving time.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Governor William G. Stratton and Mr. George T. Wilkins were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dean Granville A. Bennett of the College of Medicine, Director C. S. Havens of the Physical Plant Department, Mr. Donald E. Dickason, Director of Non-academic Personnel, Mr. Ralph F. Lesemann, Legal Counsel, Professor Rubin G. Cohn of the College of Law, Mr. C. E. Flynn, Director of Public Information, Mr. Morris S. Kessler, Assistant Comptroller; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED
The Secretary presented the minutes of the meeting of the Board of Trustees on February 19, 1959, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 285 to 338, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES
(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
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<tbody>
<tr>
<td>Lionel Axelrod</td>
<td>Peoria</td>
<td>District of Columbia</td>
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<tr>
<td>William Francis Bey</td>
<td>Chicago</td>
<td>District of Columbia</td>
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<tr>
<td>Charles Raymond Bowman</td>
<td>Peoria</td>
<td>Indiana</td>
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<tr>
<td>James Michael Burns</td>
<td>North Riverside</td>
<td>District of Columbia</td>
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<tr>
<td>Harold Leonard Chapman</td>
<td>Evanston</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Howard S. Goss</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Albert Roy Graham</td>
<td>Palatine</td>
<td>District of Columbia</td>
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<tr>
<td>H. Lee Hopwood</td>
<td>Springfield</td>
<td>District of Columbia</td>
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<tr>
<td>James Howard Lanham</td>
<td>Bethesda, Maryland</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>June R. Ota</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>Leslie Morrow Penny</td>
<td>New Castle, Pennsylvania</td>
<td>Ohio</td>
</tr>
<tr>
<td>Richard Allen Snyder</td>
<td>Chicago</td>
<td>Texas</td>
</tr>
</tbody>
</table>

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENTS TO THE FACULTY
(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Julius H. Cahn, Associate Professor of Electrical Engineering and of Physics, beginning September 1, 1959, at an annual salary of $11,000 (AY).
2. John W. Christian, Visiting Associate Professor of Metallurgy, in the Department of Mining and Metallurgical Engineering, for one and one-half months from July 1, 1959, at a salary of $1,350 (G).
3. Ulrich E. Kruse, Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of $8,500 (D).
4. Charles Kuper, Research Assistant Professor of Physics, for six months from May 1, 1960, at a salary of $4,200 (G).
5. Bruno Leon, Assistant Professor of Architecture, beginning September 1, 1959, at an annual salary of $7,500 (B).
6. William J. O'Connell, Assistant Professor of Architecture, beginning September 1, 1959, at an annual salary of $8,000 (B).
7. Sergio Rodriguez, Research Assistant Professor of Physics, beginning September 1, 1959, at an annual salary of $7,500 (D).
8. Shao Lee Soo, Professor of Mechanical Engineering, beginning September 1, 1959, at an annual salary of $11,000 (A).
9. Dale Steffensen, Visiting Associate Professor of Botany, for the second semester of 1959-60, at a salary of $5,000 (E).
10. Victor J. Tennery, Research Assistant Professor of Ceramic Engineering, for two and one-half months from June 16, 1959, at a salary of $1,770 (G).
11. **ANTHONY VINCI**, Assistant Professor of Hygiene and Physician to McKinley Hospital and the Health Center, beginning September 1, 1959, at an annual salary of $12,000 (DY).

**Appointments to Nonacademic Staff**

The Director of Nonacademic Personnel reports the following appointments to a supervisory position of upper level responsibility.

1. **LEOVICILDA A. CRISOLVE**, Food Service Supervisor in the Research and Educational Hospitals Dietary Department, at the rate of $4,200 per annum, effective April 1, 1959.

2. **GLADYS A. JOHNSON**, Dietitian in the Research and Educational Hospitals, at the rate of $4,800 per annum, effective April 1, 1959.

3. **NANCY T. WATTS**, Staff Physical Therapist in the Research and Educational Hospitals, Physical Medicine and Rehabilitation, at the rate of $5,100 per annum, effective May 18, 1959.

4. **SALLY A. WEIDENKOPF**, Staff Physical Therapist in the Research and Educational Hospitals, Physical Medicine and Rehabilitation, at the rate of $4,200 per annum, effective April 1, 1959.

On motion of Mr. Herrick, these appointments were confirmed.

**CHAIRMANSHIP OF THE DEPARTMENT OF BOTANY**

(3) Professor John R. Laughnan, who has been serving as Chairman of the Department of Botany since 1955, has asked to be relieved of this administrative assignment at the end of the current academic year, and I have approved his request. He will remain in the Department as Professor of Botany.

The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Wilson N. Stewart, a member of the Department, as Professor of Botany on indefinite tenure and as Chairman of the Department for two years beginning September 1, 1959. The salary of this position will be determined when the budget for the academic year 1959-60 is submitted to the Board for approval.

The nomination of Professor Stewart has been made after consultation with the Executive Committee of the Department and has the endorsement of the Vice-President and Provost and the Dean of the Graduate College.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.

**SCHOOL OF LIFE SCIENCES IN THE COLLEGE OF LIBERAL ARTS AND SCIENCES**

(4) The faculty of the College of Liberal Arts and Sciences and the Urbana Senate recommend establishment within the College of a School of Life Sciences, to include the Departments of Bacteriology, Botany, Entomology, Physiology, and Zoology. The School will be under the administration of a Director to be appointed biennially by the Board of Trustees on recommendation of the Dean of the College and the President of the University, and will be under the general direction of the faculty of the College. The internal organization of the School and the responsibilities of its officers and committees will be determined by the faculty of the College upon recommendation of the Executive Committee of the School and after approval by the faculties of the respective departments.

The main purpose of the School will be to coordinate activities of member departments within the College, to promote cooperation between those departments and biologists in other colleges of the University, and to advance the interests of those departments in relation to agencies outside the University. It will administer the interdepartmental facilities that serve those departments.

The Chicago Professional Colleges Senate has been consulted and approves the proposal. The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Clement, this recommendation was approved.

**DIRECTOR OF SCHOOL OF LIFE SCIENCES**

(5) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor H. Orin Halvorson, Head of the Department of Bacteri-
ology, as Professor of Bacteriology on indefinite tenure and Director of the School of Life Sciences for two years from September 1, 1959. This recommendation is supported by the faculties of the departments in the School, the Executive Committee of the College, the Dean of the Graduate College, and the Vice-President and Provost. For the time being, Professor Halvorson will continue to serve as Head of the Department of Bacteriology. The salary of his position as Director will be determined when the budget for 1959-60 is submitted to the Board of Trustees for approval.

I concur in this recommendation.

On motion of Mr. Hughes, this appointment was approved.

APPOINTMENTS OF ASSOCIATE DEAN OF STUDENTS AND DEAN OF MEN

(6) An inevitable consequence of the increasing enrollment is the need for additional administrative, as well as teaching, staff, and this has been reflected in the Office of the Dean of Students. It is necessary for this office to have additional staff to maintain its normal services to students. Formerly the organization of the Dean of Students Office included the position of Associate Dean of Students, but this has not been filled for five years and was, in fact, discontinued.

The Dean of Students recommends the appointment of Mr. Edward E. Stafford, now Dean of Men, as Associate Dean of Students for two years, effective September 1, 1959, at an annual salary of $12,000. Mr. Stafford has demonstrated special abilities in working with groups and in public functions areas with which the office is associated. He can give needed service in this new position, relieving the Dean of Men of certain group functions and the Dean of Students of other work which would be assigned to the Associate Dean’s position.

The Dean of Students also recommends the appointment of Dr. Carl W. Knox, presently Dean of Men at Miami University, as Dean of Men for two years from September 1, 1959, at an annual salary of $12,750 (on BY basis). Mr. Knox is a former member of the University of Illinois staff and has had wide experience in personnel work at other universities.

I concur in these recommendations.

On motion of Mr. Johnston, these appointments were approved.

APPOINTMENT TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(7) The death of Dean Robert B. Browne leaves a vacancy in the faculty membership of the Board of Directors of the Athletic Association. To fill this vacancy, I nominate Dr. Leslie A. Bryan, Professor of Management and Director of the Institute of Aviation, the appointment to become effective immediately, to serve until the next annual meeting of the Board in March, 1960.

Director Bryan has also been appointed faculty representative of the University of Illinois in the Intercollegiate Conference of Faculty Representatives, a post which Dean Browne held for many years.

On motion of Mr. Harewood, this appointment was approved.

CLINICAL CURRICULUM IN COLLEGE OF MEDICINE

(8) The Chicago Professional Colleges Senate recommends authorization of a revised clinical curriculum in the College of Medicine which will add an additional quarter, effective for the summer quarter of 1961, to the present program.

Objectives of the Proposed Curriculum

1. Provide an opportunity for further development of the clerkship programs during the third year by reorganizing the clinical lecture program so that the average working day on the wards is no longer limited by 8:00 a.m. and 4:00 p.m. lectures. This distribution of lectures has made it impossible for students to participate effectively in surgical procedures, obstetric deliveries, early-morning ward rounds, and the management of the acutely ill patient.

2. Provide opportunities for students to observe the course of patients’ illnesses over longer periods of time, particularly in the outpatient departments.

3. Maintain the current student-instructor ratios in the outpatient departments and elsewhere, in spite of increased enrollment in the College of Medicine effected in 1956 and 1958.
4. Combine the junior and senior pediatrics programs into a block clerkship to be given during the junior year.
5. Combine the junior and senior programs in obstetrics and gynecology into a block clerkship to be given during the senior year.
6. Establish sufficient flexibility in the clinical curriculum to enable students to obtain experience in special fields of interest or, in the instances of students with records of high achievement, to undertake more advanced programs including investigative work.
7. Provide for an increase in the students' clinical orientation prior to arrival on the clerkships.
8. Eliminate the difficulties in the current curriculum which now prevent all students from having an opportunity to obtain outpatient department experience in both psychiatry and neurology.
9. Provide for some patient-centered experience in preventive medicine and public health and in radiology.
10. Provide further opportunities for an inter-disciplinary approach to the teaching of medicine.

Outline for a New Clinical Curriculum

It is proposed that the new clinical curriculum include a three-quarter junior year. There would be one quarter of surgery, during which one hour a week would be used for a joint program between the Department of Surgery and two or more of the preclinical departments in the basic sciences; one quarter of medicine, including one-half day a week for psychiatry; and one quarter of pediatrics, including six hours for pediatric ophthalmology, six hours for pediatric otolaryngology, and one half-day each week for psychiatry.

The senior year would consist of four quarters. One quarter would consist of a clerkship in obstetrics and gynecology. A second quarter would be devoted to six weeks of medical clerkship and six weeks of surgical clerkship, including orthopaedics and anesthesiology. During both the surgical and medical clerkships of this quarter, the students would have one half-day period a week of preventive medicine. A third quarter would be devoted to outpatient department clerkships in dermatology, medicine, psychiatry, surgery, and a period for surgical anatomy. The final quarter would be devoted to opportunities for alternative programs. All students would be required to be actively and intellectually engaged in pursuits related to the subject matter of medicine. This requirement might be fulfilled by research and/or advanced study in the Graduate College.

This curriculum will provide for a lecture program in the clinical subjects to be distributed in accord with the recommendations of the Committee on Instruction as approved by the faculty of the College of Medicine.

Summary

This curriculum was formulated by the Committee on Instruction and endorsed with minor changes by the Executive Committee of the College of Medicine prior to approval by the Senate of the Chicago Professional Colleges. It may be pointed out that the changes in schedule embodied in this recommended curriculum will provide for the fuller use on a twelve-month basis of the clinical facilities (outpatient and inpatient services) of the teaching hospitals included in the University of Illinois Research and Educational Hospitals.

As stated in the opening paragraph, it is proposed that the effective date of the additional quarter to the senior year's program be in 1961 so that it will affect only those students now in their first year and, of course, all future incoming students. If the curriculum is approved, the College of Medicine will notify students accepted for enrollment in the fall of 1959 and applicants for admission in subsequent years. Since it is possible for students in good standing to seek transfer to other medical schools during their sophomore year, it is unlikely that any student whose study of medicine would be seriously jeopardized by eliminating the opportunity for summer employment between the junior and senior year would be seriously handicapped by making the change in requirements effective in 1961.

This revised curriculum has been reviewed by the Senate Coordinating Council which has indicated that no other Senate jurisdiction is involved.

I recommend authorization of this curriculum, and that its implementation be subject to the availability of funds.

On motion of Mrs. Watkins, this recommendation was approved.
CURRICULUM IN PHARMACY

(9) The Chicago Professional Colleges Senate recommends authorization of a revised curriculum in Pharmacy leading to the degree of Bachelor of Science in Pharmacy, which will add a fifth year to the present curriculum, effective with the class entering in the fall of 1960. This change is in accord with the recommendation of the American Council on Pharmaceutical Education.

Admission Requirements

To qualify for admission to the College of Pharmacy, an applicant must be a graduate of an accredited secondary school, or have equivalent preparation, and have satisfactorily completed not less than thirty semester hours or forty-five quarter hours of academic work, exclusive of hygiene, physical education, or military science, in an accredited college, junior college, or university.

College Requirements

College work submitted to meet the entrance requirements of the College of Pharmacy must include the listed minimum credit in the following courses: Inorganic Chemistry, including Qualitative Analysis, eight semester hours; College Algebra, three semester hours; Plane Trigonometry, two semester hours; English Composition, six semester hours.

Courses elected to complete the required thirty semester hours should not include courses offered in the College of Pharmacy, but should be selected to increase the social and cultural background of the student. If credit in courses required in the College of Pharmacy curriculum is used for admission, the student must elect an equivalent number of hours in elective courses.

Applicants entering from institutions other than the University of Illinois must have a grade-point average of at least 3.0 in terms of the grading system of the University of Illinois. Students entering the College of Pharmacy from other colleges within the University of Illinois must be eligible for continued registration in that college. An applicant who is otherwise qualified but whose grade-point average for his last semester is less than 3.0 will be admitted on a probationary status. Students who have been dropped for poor scholarship at the last institution they attended will not be eligible for admission to the College of Pharmacy.

Requirements for Graduation

Completion of the prescribed curriculum totaling 189 quarter hours comprising 162 quarter hours in subjects required of all students and twenty-seven quarter hours in approved elective courses. The general requirement of the University of Illinois with respect to grade-point averages to be achieved shall be observed.

This revised curriculum has been reviewed by the Senate Coordinating Council which has indicated that no other Senate jurisdiction is involved.

Submitted herewith is a statement from the Dean of the College of Pharmacy explaining the objectives of the new curriculum, a copy of which is being filed with the Secretary of the Board for record. A summary of the complete curriculum will also be filed with the Secretary of the Board for record.

I recommend authorization of this curriculum and that its implementation be subject to the availability of funds.

On motion of Mr. Swain, this recommendation was approved.

GRADUATE PROGRAM IN FINANCE

(10) The Urbana Senate recommends authorization of a program leading to the degree of Doctor of Philosophy in Finance. The Department of Economics formerly offered graduate work in finance before the Department of Finance was established in 1957, and the new program now recommended is therefore a consequence of the division of Economics into separate departments.

Admission Requirements

A scholastic average of at least 3.5 for the last sixty semester hours; at least twenty-seven hours of undergraduate work in social sciences, fifteen hours of which must have been in economics (including a course in principles of economics, a course in statistics, and other courses for which the course in principles is a prerequisite); sufficient background in the area of finance and related fields.
Degree Requirements

General requirements specified by the Graduate College including credit, residence, foreign languages, the preliminary and final examinations, and thesis.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

GRADUATE SCHOOL OF LIBRARY SCIENCE

(11) The Dean of Library Administration and Director of the Library School recommends, and the Executive Committee of the Graduate College concurs, that the name of the Library School be changed to the Graduate School of Library Science. This change in name is appropriate as the Library School offers instruction at the graduate level and will be an educational part of the Graduate College.

I concur.

On motion of Mr. Pogue, this recommendation was approved.

GRADUATE PROGRAM IN PHYSICAL EDUCATION

(12) The Urbana Senate recommends authorization of a graduate program in Physical Education leading to the degree of Master of Arts in Dance.

This program will offer advanced work in choreography, dance production, and pedagogy with some specialization in the related fields of art, drama, and music. It will be an interdisciplinary project involving, in addition to Physical Education, the Departments of Art and Speech and the School of Music.

Admission Requirements

A minimum grade average of 3.5 during the last sixty semester hours of undergraduate work completed;

Twenty-four semester hours of approved undergraduate credit in dance (a minimum of eight hours in this field), art, music, physical education, and theater. Applicants lacking a portion of these prerequisites may substitute certified experience in dance but not to exceed eight semester hours;

Thirty-six semester hours in humanities (language, literature, philosophy), natural sciences (biological and physical sciences), and social sciences (anthropology, education, history, political science, psychology, sociology).

Degree Requirements

The general requirements of the Graduate College must be met. Of the eight units required for the master's degree, four must be in dance or in dance and related areas such as art, dramatics, music, physical education, recreation, and speech; two units must be in one or more of the following fields: anthropology, English, history, philosophy, psychology, or sociology. A candidate for this degree must also take Dance 490, Seminar, for one semester (no credit); and must present an acceptable thesis. With the approval of the adviser, the thesis may be waived, but in lieu thereof, the candidate must submit two additional units of credit plus a recital of solo and group dances which he has choreographed and staged.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

I concur.

On motion of Mrs. Watkins, this recommendation was approved; Mr. Herrick voted no.

LIMITATIONS ON GRADUATE STUDY OF UNIVERSITY EMPLOYEES

(13) University regulations specify the maximum amount of graduate study for which teaching and research staff may enroll. However, the Board of Trustees on September 18, 1956, authorized, for the three-year period 1956-59, a special discretionary schedule of graduate work which may be approved in exceptional cases by the Graduate College.

The Dean of the Graduate College recommends, and the Vice-President and Provost and I concur, that this authorization of exceptions to the standard schedule be extended to September, 1963.

On motion of Mrs. Watkins, this recommendation was approved.
DEPARTMENT OF MICROBIOLOGY

The faculty of the College of Liberal Arts and Sciences recommends that the Department of Bacteriology be changed to Department of Microbiology. A similar change was made in the name of the Department of Bacteriology in the College of Medicine in 1957.

The Urbana Senate Committee on Educational Policy has also approved the change and has expressed the opinion that Senate action is not required.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

HOSPITAL-MEDICAL-SURGICAL INSURANCE FOR STUDENTS AND STAFF

Bids have been received for the student and staff hospital-medical-surgical insurance programs at Urbana-Champaign and at the Chicago Undergraduate Division for the 1959-61 biennium with the right reserved by the University to renew such insurance annually thereafter upon mutual agreement between the insurance carrier and the University.

The recommended student program at the Urbana campus provides the following improved benefits over existing coverages:

The per diem room and board allowance is increased from $11.00 to $14.00 except for confinements at McKinley Hospital where $11.00 will continue to apply. Benefits for surgical procedures involving dislocations, fractures, and joint and bone operations are increased by one-third.

Maternity benefits are increased from $85.00 to $100.00.

The recommended student program at the Chicago Undergraduate Division to meet the special problems there provides these improvements in benefits over present coverages:

The per diem room and board allowance is increased from $15.00 to $18.00.

Daily allowance for physician’s visits is increased from $4.00 to $5.00.

Benefits for surgical procedures involving dislocations, fractures, and joint and bone operations are increased by one-third.

Catastrophe benefit is to be payable after the insured pays 25 per cent, rather than 50 per cent, of the amount allowed under the base plan coverage.

Maternity benefits are increased from $85.00 to $100.00.

Office calls at $2.00 each to maximum of $10.00 added under the clause covering illness where hospitalization is not required.

The recommended staff plan has benefits improved in the following areas:

The per diem room and board allowance is increased from $10.00 to $14.00.

Daily allowance for physician’s visits is increased from $3.00 to $4.00.

Benefits for surgical procedures involving dislocations, fractures, and joint and bone operations are increased by one-third.

Allowance is to be made for charges of private, registered nurses in catastrophe claims.

Maternity benefits are increased from $85.00 to $100.00.

Bids were also received as an alternate on the present benefits under all three plans. The improved plans are recommended because of the greater benefits to be realized for a nominal additional premium, which give a greater insurance value.

Three companies submitted bids: Bankers Life and Casualty Company, the present carrier, Continental Casualty Company, a former carrier, and Federal Life Insurance Company, which has never quoted in the past, and which submitted the lowest bids for each of the plans and alternates asked by the University.

It is recommended that contracts for the Urbana student, Chicago Undergraduate Division student, and Urbana staff plans be awarded to Federal Life Insurance Company, lowest bidder for each of the three programs.

To finance the student plans, it is recommended that the Hospital-Medical-Surgical Insurance fee be increased from $7.00 to $8.00 a semester and that the Laboratory, Library, and Supply fee be decreased from $11.00 to $10.00 a semester.

The Committee on Fees concurs in this recommendation.

The recommended charges to students and staff for this insurance protection would reflect the following premiums:
On the basis of these rates, the plans will operate on a self-sustaining basis. The excess over the cost of the coverage would be used by the University to defray the administrative cost of the three programs.

On motion of Mr. Herrick, these contracts were awarded as recommended.

**EASEMENT FOR GAS PIPE LINE TO MARRIED STUDENTS APARTMENTS**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend that an easement ten feet wide beginning at Orchard Street and Florida Avenue, Urbana, and continuing around the site of the married students apartments, be granted the Illinois Power Company to lay, operate, and maintain a pipe line for delivery of gas to the buildings.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute such an easement.

On motion of Mr. Johnston, this recommendation was approved.

**FINANCING OF RESIDENCE HALL FOR GRADUATE STUDENTS**

(17) Bids were received at 11:00 a.m. today, June 23, for the sale of Housing Revenue Bonds of 1959, to finance the construction of the first unit of residence halls for single graduate students.

No bids were received from private companies for the Series B bonds in the amount of $1,530,000. One bid was received for $110,000 Series A bonds.

The Vice-President and Comptroller recommends that:

1. The Loan Agreement with the Housing and Home Finance Agency, as submitted herewith, be approved and that the action of the Comptroller and Secretary in executing the Loan Agreement be ratified and confirmed.
2. The Series A bonds in the amount of $110,000 be sold to White, Weld and Company at a price of $107,000.05 and at an effective interest rate of 4.2156 per cent, which represents the lowest interest cost to the University.
3. The $1,530,000 of Series B bonds be sold to the Housing and Home Finance Agency at an interest cost of 2½ per cent in accordance with, and pursuant to, the above mentioned Loan Agreement.
4. The construction contract for $1,349,000 be awarded to Felmley-Dickerson Company, Urbana.
5. The advance of Housing Division reserves to finance construction prior to the delivery of bonds, as authorized by the Board on April 14, be increased from $100,000 to $200,000 in order that the contractor may proceed with construction.
6. All actions of the Comptroller in connection with the loan application and advertisements for bid on the bonds be confirmed and approved.
7. The firm of Chapman and Cutler be retained as bond counsel for this issue.
8. The First Supplemental Housing Revenue Bond Resolution as submitted herewith be approved.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.
First Supplemental Housing Revenue Bond Resolution

Supplementing Resolution Approved December 17, 1958, and Creating $110,000 Housing Revenue Bonds of 1959, Series A, and $1,530,000 Housing Revenue Bonds of 1959, Series B.


WHEREAS, The Board of Trustees of the University of Illinois, on due consideration and investigation, does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to construct and equip additional buildings and related facilities for the purpose of housing its students and staff; and

WHEREAS, in order to provide such facilities it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, The Board of Trustees of the University of Illinois on December 17, 1958, did duly adopt a resolution (herein sometimes called "Original Resolution") providing for the issuance of revenue bonds and under the terms of said Original Resolution did create and issue an initial issue of Bonds in the aggregate principal amount of $3,150,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series B," in the principal amounts of $1,625,000 and $1,525,000, respectively; and

WHEREAS, The Board of Trustees of the University of Illinois now desires to create and to authorize the issue, authentication and delivery of an additional issue of Bonds under and in accordance with the Original Resolution as supplemented by this First Supplemental Resolution thereto which additional Bonds are to be limited to the aggregate principal amount of $1,640,000 at any one time outstanding, $110,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A" (hereinafter called "1959 Series A Bonds") and $1,530,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B" (hereinafter called "1959 Series B Bonds").

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE

SUPPLEMENTARY PROVISIONS RELATING TO INCOME AND THE APPLICATION THEREOF

SECTION 1.1. Pledge of Revenues. The pledge of the revenues (including the revenues to be derived from the operation of Project B hereinafter mentioned) contained in Section 5.01 of the Original Resolution is hereby ratified and confirmed and all revenues to be derived from the operation of Project B are hereby specifically pledged for the purposes mentioned in said Section 5.01 of the Original Resolution.

SECTION 1.2. Supplementation of Revenues. It is hereby determined by the Board of Trustees and it is hereby covenanted that in view of the additional issue of Bonds to be outstanding it is necessary to supplement the revenues to be derived from the facilities by a further use of student tuitions which are authorized by law to be retained in the Treasury of the University and therefore the limitation contained in clause (b) of Section 5.03 of the Original Resolution be and the same is hereby increased by an amount equal to $35,000 so that such supplementation shall henceforth be an amount not to exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in
subsection (b) of Section 5.02 of the Original Resolution, or (b) $150,000 plus such additional sums as may be specified in any other resolution supplemental to the Original Resolution as supplemented hereby, creating or authorizing the issuance of additional Bonds.

ARTICLE TWO


SECTION 2.1. Project B and Purpose of Issue of Bonds. The project (hereinafter designated "Project B") to be acquired, constructed, equipped and completed pursuant to this First Supplemental Resolution is described in a general way as:

A seven-story residence hall with a three-story wing, without dining facilities, to house approximately 307 single graduate students to be located at 1010 West Green Street, Urbana, Illinois.

The estimated cost of said Project B is $1,640,000 exclusive of land and exclusive of any pro rata share of the University power and heating plant serving the project and the estimated cost of each portion of said Project B is more fully set forth in the plans and specifications therefor on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip Project B that the University borrow the sum of $1,640,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

SECTION 2.2. Terms of 1959 Series A Bonds and 1959 Series B Bonds. There is hereby created and authorized two additional series of Bonds to be issued under the Original Resolution as supplemented by this First Supplemental Resolution to be substantially in the form and of the tenor and purport hereinafter set forth and limited to the aggregate principal amount of One Million Six Hundred Forty Thousand Dollars ($1,640,000) at any one time outstanding. One Hundred Ten Thousand Dollars ($110,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A" (hereinafter called "1959 Series A Bonds"), and the remaining One Million Five Hundred Thirty Thousand Dollars ($1,530,000) principal amount thereof shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B" (hereinafter called "1959 Series B Bonds").

The 1959 Series A Bonds and the 1959 Series B Bonds shall be issued as negotiable coupon Bonds dated April 1, 1959, registrable as to principal in the denomination of $1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to October 1, 1959, in which case they shall be dated April 1, 1959. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons, shall be numbered in such manner satisfactory to the Trustee as may be designated by the Comptroller and shall be issued in denominations of $1,000 or multiples thereof, shall bear interest from April 1, 1959, payable semi-annually on the first days of April and October in each year until paid, commencing October 1, 1959, at the rates provided below and shall mature in the following amounts on October 1 of the following years:

<table>
<thead>
<tr>
<th>Year of Maturity</th>
<th>1959 Series A Bonds</th>
<th>1959 Series B Bonds</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Amount</td>
<td>Interest Rate</td>
</tr>
<tr>
<td>1961</td>
<td>$10,000</td>
<td>5%</td>
</tr>
<tr>
<td>1962</td>
<td>$10,000</td>
<td>5%</td>
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<td>1963</td>
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<td>1964</td>
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<td>5%</td>
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<td>1965</td>
<td>$10,000</td>
<td>5%</td>
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<tr>
<td>1966</td>
<td>$15,000</td>
<td>5%</td>
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<tr>
<td>1967</td>
<td>$15,000</td>
<td>2%</td>
</tr>
<tr>
<td>1968</td>
<td>$15,000</td>
<td>2%</td>
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<tr>
<td>1969</td>
<td>$15,000</td>
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<tr>
<td>1970</td>
<td>$30,000</td>
<td>2%</td>
</tr>
<tr>
<td>1971</td>
<td>$30,000</td>
<td>2%</td>
</tr>
<tr>
<td>Year of Maturity</td>
<td>1959 Series A Bonds</td>
<td>1959 Series B Bonds</td>
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<td></td>
<td>Amount</td>
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<td>1997</td>
<td></td>
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<tr>
<td>1998</td>
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</tbody>
</table>

Total: $110,000

Total: $1,530,000

The 1959 Series A Bonds are not subject to redemption prior to maturity. The 1959 Series B Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on April 1, 1969, or on any interest payment date thereafter in the inverse order in which they mature at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<table>
<thead>
<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
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<tbody>
<tr>
<td>April 1, 1969 through October 1, 1973</td>
<td>3%</td>
</tr>
<tr>
<td>April 1, 1974 through October 1, 1978</td>
<td>2 1/2%</td>
</tr>
<tr>
<td>April 1, 1979 through October 1, 1983</td>
<td>2%</td>
</tr>
<tr>
<td>April 1, 1984 through October 1, 1988</td>
<td>1 1/2%</td>
</tr>
<tr>
<td>April 1, 1989 through October 1, 1993</td>
<td>1%</td>
</tr>
</tbody>
</table>

All redemptions made on and after April 1, 1994, shall be without premium and all redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Original Resolution.

**SECTION 2.3. Payment of Principal and Interest.** Both the principal of and the interest on the 1959 Series A and 1959 Series B Bonds shall be payable in any coin or currency which on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, or its successor, in the City of Chicago, Illinois, or, at the option of holders at The Chase Manhattan Bank, or its successor, in the Borough of Manhattan and City and State of New York.

**SECTION 2.4. Form of Bonds.** The definitive coupon Bonds of 1959 Series A and 1959 Series B, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1959 Series A and 1959 Series B, shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in series, number, interest rate, maturity and like matters:
UNIVERSITY OF ILLINOIS

$1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS ($1,000), on October 1, 19......, and to pay interest on said sum from the date hereof until paid at the rate of ...................... per cent (.........%) per annum, payable October 1, 1959, and semi-annually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of ........................................ Dollars ($............................ ) principal amount of Housing Revenue Bonds of 1959, Series ................., which, with the 1959 Series ........... Bonds constitute an issue of One Million Six Hundred Forty Thousand Dollars ($1,640,000), issued and to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by a First Supplemental Resolution duly adopted .................., 1959 (said Bond Resolution as so supplemented being herein referred to as the "Resolution"), for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

(1959 Series A Bonds Only)

[The bonds of this series are not subject to redemption at the option of The Board of Trustees of the University of Illinois prior to maturity.]

(1959 Series B Bonds Only)

[The bonds of this series are redeemable prior to maturity as a whole or in part on April 1, 1969, on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: three per cent (3%) of the principal amount thereof if redeemed April 1, 1969, through October 1, 1973; two and one-half per cent (21/2%) of the principal amount thereof if redeemed April 1, 1974, through October 1, 1978; two per cent (2%) of the principal amount thereof if redeemed April 1, 1979, through October 1, 1983; one and one-half per cent (11/2%) of the principal amount thereof if redeemed April 1, 1984, through October 1, 1988; one per cent (1%) of the principal amount thereof if redeemed on April 1, 1989, through October 1, 1993; and without premium if redeemed on April 1, 1994, or thereafter.]

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago and also in a financial newspaper published and of general circulation in the
Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption moneys are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 141 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of $150,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Trustee in Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, the Trustee, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons shall be interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-
thirds per cent (66 2/3%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution, provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinafore set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of April, 1959.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest: ........................................................................ By: ........................................................................

Secretary ........................................................................ President ........................................................................

Member ........................................................................ Member ........................................................................

(From of Interest Coupon) $.................................

On the first day of ......................................................., 19...... (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of .................................................... Dollars ($.........................) in any coin or currency which, on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan
Bank, in the Borough of Manhattan and City and State of New York, as provided
in the Housing Revenue Bond of 1959, Series .........., dated .........., 
1959, Number ...........

Secretary

President

(Form of Registered Bond Without Coupons)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY

OF ILLINOIS HOUSING REVENUE BOND OF 1959

(Series ..........)

No. .......... $ .................

The Board of Trustees of the University of Illinois, a body corporate,
created and existing under the laws of the State of Illinois, for value received
promises to pay (but only out of the Housing Revenue Bond Fund as hereinafter
provided for, and not otherwise) to .........., or registered assigns, on October 1, 19 ......, the principal sum of .......... Dollars ($ .................) and to pay interest
thereon which shall be paid by check or draft mailed to the registered owner at
his address as it appears on the bond registration books of the Trustee hereinafter
mentioned as Bond Registrar, at the rate of .......... per cent (.................\%) per annum, payable October 1, 1959, and semi-annually there-
after on the first days of April and October in each year from the date hereof
until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or
currency which on the respective dates of payment of such principal and interest
is legal tender for the payment of debts due the United States of America, at The
First National Bank of Chicago (hereinafter called "Trustee"), or its successor
in trust under the Resolution hereinafter referred to, in the City of Chicago,
Illinois, or at the option of the holder at The Chase Manhattan Bank in the
Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of .......... Dollars ($ .................) principal amount of Housing Revenue Bonds of 1959,
Series .........., which with the Series .........., Bonds constitute an
issue of One Million Six Hundred Forty Thousand Dollars ($1,640,000), issued
and to be issued pursuant to a Bond Resolution of The Board of Trustees of the
University of Illinois duly adopted December 17, 1958, as supplemented by a
First Supplemental Resolution duly adopted .........., 1959 (said Bond
Resolution as so supplemented being herein referred to as the "Resolution") for
the purpose of providing funds for paying the cost of constructing and equipping
student and staff housing and related facilities. Said Resolution, among other
things, provides for the issuance of additional bonds pursuant thereto in the
manner and upon the terms and conditions more fully set forth therein.

(1959 Series A Bonds Only)

[The bonds of this series are not subject to redemption at the option of The
Board of Trustees of the University of Illinois prior to maturity.]

(1959 Series B Bonds Only)

[The bonds of this series are redeemable prior to maturity as a whole or in
part on April 1, 1969, or on any interest payment date thereafter in the inverse
order in which they mature at the option of The Board of Trustees of the Uni-
versity of Illinois at par and accrued interest to the date of redemption and a
premium as follows: three per cent (3%) of the principal amount thereof if
redeemed April 1, 1969, through October 1, 1973; two and one-half per cent (2½%)
of the principal amount thereof if redeemed April 1, 1974, through October 1,
1978; two per cent (2%) of the principal amount thereof if redeemed April 1,
1979, through October 1, 1983; one and one-half per cent (1½%) of the principal
amount thereof if redeemed April 1, 1984, through October 1, 1988; one per cent
(1%) of the principal amount thereof if redeemed April 1, 1989, through October
1, 1993; and without premium if redeemed April 1, 1994, or thereafter.]

Notice of redemption of any or all of said bonds shall be published once a
week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper of general circulation published in the English language in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption moneys are available for payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 14 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution, which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to said Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of $150,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Trustee in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution, upon payment of the transfer charges therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66 2/3%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest thereon or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the
Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest: ........................................................................................................... By .................................................................................................

Secretary President

Member Member

ARTICLE THREE

MISCELLANEOUS

SECTION 3.1. Separate Construction Funds and Application of Bond Proceeds. The Board of Trustees hereby determines that Project B will become revenue producing on or about September 30, 1960 and therefore that portion of the proceeds of the 1959 Series A Bonds and 1959 Series B Bonds representing the interest accrued on such Bonds to the date of payment therefor shall, together with an amount equal to the interest to accrue on such Bonds through September 30, 1960 shall be deposited with the Trustee in the Bond and Interest Sinking Fund account as required by Section 6.01 of the Original Resolution.

The balance of said proceeds of the 1959 Series A Bonds and the 1959 Series B Bonds, respectively, shall, as required by Section 6.01, be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation and shall be, respectively, accounted for as two separate funds to be designated "Construction Fund Account 1959 A" and "Construction Fund Account 1959 B." The application of the funds in such accounts and the disposition thereof shall in all respects comply with all the terms and provisions of Article Six of the Original Resolution, subject to the terms and provisions of any contract or agreement permitted by or contemplated in said Article Six between the Board of Trustees and any original purchaser of such Bonds.

SECTION 3.2. Interpretation and Construction. This First Supplemental Resolution is supplemental to and is adopted in accordance with Sections 2.06 and 4.02
of the Original Resolution. In all respects not inconsistent with this First Supplemental Resolution, the Original Resolution is hereby ratified, approved and confirmed, and all of the definitions, terms, covenants and restrictions of the Original Resolution shall be applicable to the additional Bonds authorized by this First Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this First Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Original Resolution, and the Original Resolution and this First Supplemental Resolution shall be read, taken and construed as one and the same instrument. In executing or authenticating any Bond authorized by this First Supplemental Resolution the Trustee and each officer, agent or employee of the University shall be entitled to all of the privileges and immunities afforded to them under the terms of the Original Resolution.

Section 3.3. Resolution Effective on Passage. This resolution shall become effective upon its passage.

STATE OF ILLINOIS
COUNTY OF CHAMPAIGN

I, ........................................, do hereby certify that I am the duly elected, qualified and acting Secretary of The Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the ................. day of ................., ........., as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this ................. day of ................., ..........

Secretary as aforesaid.

RENEWAL OF ILLINI CENTER LEASE

The Vice-President and Comptroller recommends renewal of the lease with the LaSalle Madison Hotel Company for the area on the twentieth floor of the hotel used as the Illini Center for two years from July 1, 1959. The rental rate of $7,800 a year and all the other provisions are the same as in the present lease. I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the lease.

On motion of Mr. Herrick, the renewal of this lease was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

LEASES OF SPRINGFIELD, BELLEVILLE, AND PEORIA OFFICES OF DIVISION OF SERVICES FOR CRIPPLED CHILDREN

The Business Manager of the Chicago Colleges and the Vice-President and Comptroller recommend renewal of leases for office quarters occupied by the Division of Services for Crippled Children as follows:

Springfield. Offices at 1105 South Sixth Street, Mr. and Mrs. Jacob E. Reisch, owners, at a rental of $550 a month (total, $13,200) for two years from July 1, 1959.

Belleville. Offices at 10 West Washington Street, Security Abstract and Title Company, owners, at a rental of $260 a month (total, $6,240) for two years from July 1, 1959.

Peoria. Offices in the Central National Bank Building, Central National Bank and Trust Company, owners, at a rental of $270 a month (total, $6,480) for two years from July 1, 1959.
The lease for the Springfield office provides for an increase in rent of $50 per month or $1,200 for the biennium. The premises have been under lease by the University for the Division of Services for Crippled Children since 1946 at a rental of $500 a month, and the lease for the coming biennium is the first rent increase. Officers of the Division of Services for Crippled Children report there has been an increase of approximately $600 a year in taxes paid by the owners since 1946, and the costs of maintenance and repair of the property have also risen. The property was a private home which was converted to office space, and the Division first had only about 4,000 square feet of space. However, additions to the property and a refurbishing of space which was not usable have been made by the owners so that at the present time the Division uses approximately 7,600 square feet of space on the premises. For these reasons, the increase in rent requested by the owners is justified.

The terms of the new leases at Belleville and Peoria are the same as those in effect in previous leases.

The Division has funds in its budget for the rentals.

The Acting Director of the Division of Services for Crippled Children and the Vice-President in charge of the Chicago Professional Colleges concur in these recommendations.

I recommend approval.

On motion of Mrs. Watkins, the renewals of these leases, on the terms indicated, was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

SUPPLEMENTAL APPROPRIATIONS

(20) Appropriations for wages, expense, and equipment for the current year are inadequate in many departments. The Vice-President and Comptroller and the Vice-President and Provost recommend the following supplemental appropriations:

<table>
<thead>
<tr>
<th>Department</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Security Office</td>
<td>$5,300</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>2,500</td>
</tr>
<tr>
<td>Library Additions, Urbana</td>
<td>20,000</td>
</tr>
<tr>
<td>Zoology</td>
<td>4,000</td>
</tr>
<tr>
<td>Physical Plant Operation, Urbana</td>
<td>18,000</td>
</tr>
</tbody>
</table>

Total: $84,347

I concur.

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACT FOR CONSTRUCTION OF COOLING TOWER

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $77,620, subject to availability of funds in the state appropriations for 1959-61, to Fluor Products Company, Oak Park, the lowest bidder, for the construction of a cooling tower for an addition to the Abbott Power Plant.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes,
Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR PLASTERING AND ACOUSTICAL WORK**

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Harry F. Fisher, Urbana, the lowest bidder, for plastering, patching repairs, and acoustical installations, work to be done as needed, for the fiscal year beginning July 1, 1959, on the basis of the following terms: $2.00 an hour for trucking of equipment and materials for actual time used solely for transportation, provided that not over 10 per cent of one job will be charged to trucking costs, unless the total costs are $25.00 or less; contractor's fee of 16 per cent of all job costs when project costs exceed $25.00.

I concur.

On motion of Mr. Harewood, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR FURNACE MAINTENANCE AND REPAIRS IN HOUSING UNITS**

(23) The Director of Housing, the Director of the Physical Plant, and the Vice-President and Comptroller recommend award of a contract to J. R. Boers Heating Company, Champaign, the lowest bidder, for furnace maintenance and repair work in the individual housing units operated by the University at Urbana-Champaign. This contract is for the fiscal year beginning July 1, 1959, to provide for services as required, payments to be made at the following rates which are those in effect during the current fiscal year ending June 30, 1959:

<table>
<thead>
<tr>
<th>Labor Rates</th>
<th>Straight Time</th>
<th>Overtime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnace Mechanic</td>
<td>$2.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>Mechanic's Helper</td>
<td>1.40</td>
<td>2.20</td>
</tr>
<tr>
<td>Contractor's Fee</td>
<td></td>
<td>30 per cent</td>
</tr>
<tr>
<td>For Labor</td>
<td></td>
<td>30 per cent</td>
</tr>
<tr>
<td>For Materials</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Labor rates are subject to adjustment for changes in rates paid generally by the contractor to his workmen for similar work with right of cancellation of the contract reserved by the University if such changes do not meet with its approval.

Funds are available in the income of the Housing Division.

I concur.

On motion of Mr. Clement, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR INSTALLATION OF PERMANENT SEATING IN THE ASSEMBLY HALL**

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $253,300, the base bid, to the American Seating Company of New York City, the lowest bidder, for installation of the permanent seating, consisting of 17,000 plastic seats, in the Assembly Hall, the contract to include a provision that all seat standards will be drilled, tapped, and tapped holes plugged with a slotted head bolt flush with the surface of the seat standard, to facilitate installation of arms to seat assemblies later if and when desired. The contract further provides that at a later date either or both of two alternates may be accepted, provided the American Seating Company is notified in sufficient time that added costs will not be involved. These alternates provide for the installation of 4,472 upholstered seats for the theater quadrant at an additional cost of $21,242, and the installation of arms to these theater seats at an additional cost of $19,000.

Provision for the seating is included in the Assembly Hall project budget.

I concur.
On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR REROOFING WEST-END BAND OF ARMORY**

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $16,162 to the Overly Manufacturing Company, Greensburg, Pennsylvania, the lowest bidder, for roofing of the large west-end band of the Armory which was not included in a previous contract for reroofing of the Armory.

Funds are available in the state capital appropriations to the University for 1957-59.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR ISOLATION BUILDING ON VETERINARY RESEARCH FARM**

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $9,322.66 to D. E. MacMillan Associates, Champaign, the lowest bidder, for construction of an isolation building on the Veterinary Research Farm. The contract price is determined by taking the low base bid of $12,377 and deducting one of four alternates which provides for the omission of a septic tank. The tank is being redesigned, and the College of Veterinary Medicine wishes to defer its installation until next year.

Funds are available.

I concur.

On motion of Mr. Hughes, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR REMODELING OF VETERINARY RESEARCH BARN**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $10,148 to Oran L. Shoemaker and Company, Champaign, the lowest bidder, for the remodeling and improvement of the College of Veterinary Medicine Research Barn Number Two.

Funds are available.

I concur.

On motion of Mr. Herrick, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT FOR CONSTRUCTION OF ADDITION TO HORTICULTURE FIELD LABORATORY**

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract to Harshbarger Building and Supply Company, Urbana, the lowest bidder, for $8,738.65 for the construction of an addition to the present metal building southeast of, and attached to, the Horticulture Field Laboratory. This will provide much needed laboratory and storage space for the Department of Horticulture.

Funds are available.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes,
Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

**CONTRACT WITH BROWN, MANTHEI, DAVIS, AND MULLINS**

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend a new contract with Brown, Manthei, Davis, and Mullins, Champaign, for engineering services on heating, ventilating, air conditioning, and electrical work for University improvement and maintenance jobs which, because of the small amount of work to be done, do not justify separate contracts for each. The new contract will include the following terms and will be for two years from July 1, 1959:

- Services of principals in the firm to be paid for at the rate of $7.50 an hour.
- Services of other personnel to be paid at hourly wage rates paid by the firm for regular or overtime work.
- Services performed on overtime basis to be paid for at the regular hourly rates unless such overtime work is specifically requested by the University and the rates are agreed upon in advance.
- Payments shall be on a monthly invoice basis; before any payment is made the University may audit or otherwise verify the invoice.
- The fee for services on any specific project shall not exceed $2,500 without approval of the Board.
- The contract may be terminated by the University at any time on written notice.

I concur.

On motion of Mr. Johnston, this contract was authorized.

**TRACK SERVICE TO CENTRAL FOOD STORES BUILDING**

(30) The University has contracted with the Illinois Central Railroad Company for the construction of a spur track from its main line south of Stadium Drive in Champaign to the Central Food Stores Building. It is now necessary to enter into an operation and maintenance agreement for this service, and adoption of the following resolution is recommended:

Be it and it is hereby resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the Comptroller and Secretary of this public corporation be, and they hereby are authorized, for and on behalf of this public corporation, to execute an agreement with the Illinois Central Railroad covering the operation, maintenance, etc., of the side track to serve the new Central Food Stores Building, which said side track is being constructed for said public corporation by said Illinois Central Railroad.

On motion of Mr. Swain, the foregoing resolution was adopted.

**ADDITION TO CONTRACT FOR CONSTRUCTION OF CENTRAL FOOD STORES BUILDING**

(31) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $4,108.32 in the contract with Felmley-Dickerson Company, Urbana, for the construction of the Central Food Stores Building to provide for changes in storm sewer connections.

When the contract for the construction of this building was awarded, drainage studies had not been completed for the entire area in which this building is being constructed. It has been found necessary to increase the size of the sewer along Oak Street, and to provide a new sewer line north of the building to drain the pocket created by lowering the railroad siding to facilitate unloading the freight cars.

Funds are available in the construction account for this building.

I recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Johnston, this recommendation was approved.

**ADDITION TO CONTRACT FOR PHYSICS BUILDING**

(32) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $2,682.17 in the contract with the Mayfair Construction
Company to substitute vinyl asbestos tile for asphalt tile in the upper floor corridors of the Physics Building. This tile has a longer useful life and is less subject to grease and acid contamination from adjoining shops and laboratories. Funds are available in the building appropriation for this change.

I recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Hughes, this recommendation was approved.

**ADDITIONS TO CONTRACT FOR CONSTRUCTION OF BIOLOGY BUILDING**

(33) Among the deferrable items of work omitted from the contract for the construction of the Biology Building to insure that a usable building could be built within the funds available, were the painting of all interior walls and ceiling surfaces in the laboratories and other areas, and installation of some of the air-conditioning equipment. The Governor has recently authorized the transfer of $35,000 from the item for contingencies in the state capital appropriations to the University for 1957-59 for additional work on the Biology Building for which funds were not previously available.

Bids on interior painting were solicited by advertisement, as required by law, and twelve painting contractors were specifically invited to bid, but no bids were received. Contractors have advised that no bids were submitted because the heavy seasonal demand for painting work in the Urbana-Champaign area makes it impossible for them to employ enough painters to handle a major job of this size within the time available to complete the work. The state appropriation will lapse on September 30, and any unexpended funds must be encumbered by June 30. In view of this situation, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board authorize negotiations with the painting subcontractor of the Mayfair Construction Company for as much additional painting work as he can complete within the time limit, this work to be done on a change order basis.

These officers also recommend that the Board authorize negotiations with the subcontractor of the Mayfair Construction Company who installed the air-conditioning equipment for the installation of automotive stand-by equipment for temperature control in certain areas where failure of one of the two main air-conditioning systems would be serious and could result in serious damage to valuable laboratory experimentation. Additional installation would be on a negotiated change order basis. It is estimated that the total expenditures would be between $12,000 and $20,000.

The Physical Plant Department is unable to submit change orders with firm estimates of costs for the proposed painting work and additional air-conditioning installations prior to the Board meeting today. Hence, advance approval is requested.

I recommend that the Comptroller be authorized to execute these change orders upon certification by the Director of the Physical Plant and approval of the same by the President of the University.

On motion of Mr. Clement, this recommendation was approved.

**USE OF UNIVERSITY FACILITIES BY CANDIDATES FOR PUBLIC OFFICE**

(34) The University policy which has come to be known as “the political speakers ban” was established by the University Board of Trustees on December 9, 1890, when the Board resolved: “that hereafter the University buildings and grounds be not used for political purposes.” Although numerous requests from University groups for a change in Board policy have been made, only one modification has been adopted. On May 19, 1955, the Board decided to allow candidates for the offices of President and/or Vice-President of the United States the use of University facilities for appearing in person to speak on the campus. Requests for a broad change in policy on this subject have been made by the Student Senate, the University’s undergraduate representative body at Urbana, in 1950; the University Senate (the University faculty), in 1951; and the Student Senate again in 1955. None of these petitions was approved by the Board. A new resolution was made by the Student Senate in April, 1959, and adopted by the Urbana University Senate in June.
None of the petitions for modification contemplated a complete removal of limitations on political speakers. The requests have been, rather, for the permitting of candidates for state or national office only, or those speaking in their behalf, who represent parties legally recognized in Illinois, to use University facilities if their appearance is sponsored by a recognized student organization, a faculty group, or a University department. Candidates for local offices would not be permitted to speak on University premises, and political rallies would not be in order. Appropriate control regulations would be promulgated by the President. The latest Student Senate resolution provides that the modification be made for a two-year trial period, after which the Board would assess the results.

The foregoing summarizes briefly the general history of the political speakers question. Substantive arguments can be advanced both in favor of modification and in favor of maintaining the status quo.

In favor of modification, it can be argued that (a) political campaigning is a part of American life which college students should be encouraged to consider carefully, and that it is inconsistent for the University to urge participation in political affairs (through such agencies as the Citizenship Clearing House) and simultaneously erect barriers to such participation; (b) appearance of political speakers in the University community negates the effectiveness of the ban because the impression is frequently left that the speech was made on University property; (c) the ban furnishes a rallying point for opposition to the Board's position, while its elimination would not be likely to result in any mass appearance of political speakers on the campus; (d) the ban can result in anomalies which alienate student respect. For example, a political candidate can buy television time and his address can be televised into the Illini Union, but he cannot make the same speech in person in a University building. Similarly, a speech on the steps of the Young Men's Christian Association on Wright Street may be amplified so that students at windows in Lincoln Hall are part of the audience, but the same speech cannot be delivered in the Lincoln Hall Theatre. A distinguished speaker may appear on campus at one time, but later, as a candidate, he is not allowed to do so.

On the other hand, the University is jealous of its nonpartisan and nonpolitical position and surely must guard against any break in this pattern. It would be difficult in all instances to assure equal treatment and facilities to candidates because of previously scheduled conflicting University events. Moreover, the very arguments advanced in favor of modification can be reversed in favor of the status quo. If off-campus facilities are now virtually as convenient as University facilities, why not continue the arrangement? Again, if no frequent appearance of political speakers is expected, why should the ban be a matter of concern? Finally, no matter how close to the campus a speech is made, if it is not made on University grounds, the University has no responsibility for it.

Perhaps the basic point is that we are trying to have students understand that politics belong to the people and that the politician belongs to a calling of vital importance to the common welfare. A university ought to be able to arrange for its students to hear political speakers without becoming involved institutionally in political action.

I believe the time has come when the University of Illinois should attempt to broaden its practice in arranging for political speakers, as suggested in the resolution of the Senate of the Urbana campus, and I recommend that the Board approve that resolution, as follows:

That the Urbana-Champaign Senate of the University of Illinois favors the use, on a trial basis, of University buildings, grounds, and facilities by candidates for nomination or election to state-wide or national offices for the academic years 1959-60 and 1960-61 subject, at the end of this period, to review, revision, or repeal by the Board of Trustees.

The authorization here requested would apply to another campus of the University only with the concurrence of its Senate.

I also recommend that the President be authorized to promulgate appropriate rules and regulations consistent with those governing the appearance of other speakers on the campus and consistent with the educational objectives of the University.

Mrs. Watkins moved that this recommendation be approved.

There followed a discussion in which all the Trustees present par-
ticipated. President Henry and Vice-President and Provost Ray spoke in support of the recommended change in policy.

At the conclusion of the discussion, Mr. Herrick asked for a record vote. The following voted aye: Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Swain, Mrs. Watkins, Mr. Williamson; the following voted no: Mr. Herrick, Mr. Johnston, Mr. Pogue; Governor Stratton and Superintendent Wilkins were absent.

**DISTRIBUTION OF DENTIFRICE INCOME**

(35) The distribution of net income received from the ammoniated dentifrice patents as specified in the contract between the University of Illinois Foundation and the four discoverers, after reimbursing the University for research costs, is as follows: Foundation, 50 per cent; discoverers, 40 per cent, one-fourth (10 per cent) to each of the four discoverers; College of Dentistry, for research, 10 per cent.

Funds received from time to time have been distributed according to this schedule. However, $50,000 was reserved by the Foundation to meet possible costs of litigation. On May 1, 1959, the Board of Directors of the Foundation, being of the opinion that future litigation was very improbable, authorized the distribution of this sum.

Some time ago there was established with the Foundation an endowment, the Edward C. Wach Dental Research Fund, to provide funds for further research in the College of Dentistry. Dr. Wach, one of the discoverers, offered to give his share of the $50,000 reserve to this fund and proposed that other interested parties do likewise.

The Board of Directors of the Foundation has allocated $5,000 of the $25,000 received by it in this distribution to this fund, and the Dean of the College of Dentistry and the Vice-President in charge of the Chicago Professional Colleges recommend that the $5,000 that would go to the College of Dentistry be used for the same purpose.

I concur in this recommendation.

On motion of Mr. Clement, this recommendation was approved.

**PURCHASES**

**Purchases Authorized**

(36) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,000 Western Electric type GF-45011 transistors</td>
<td>Digital Computer Laboratory</td>
<td>Western Electric Co., New York, N.Y.</td>
<td>$90 000 00 f.o.b. Laurel, Pa.</td>
</tr>
<tr>
<td>7,500 copies Atlas of Illinois Resources, Section 11; plastic bound; inserted in metal clasp envelopes</td>
<td>Geography</td>
<td>R. R. Donnelley &amp; Sons Co., Chicago</td>
<td>8 773 00 f.o.b. Urbana</td>
</tr>
<tr>
<td>One Hilger microfocus X-ray generator cubicle, complete including installation, plus X-ray tube, adjustable cathode gun, single crystal goniometer, reflection camera, 21 targets, and two spare filament sets</td>
<td>Mining and Metallurgical Engineering</td>
<td>Jarrell-Ash Co., Newtonville, Mass.</td>
<td>10 167 00 f.o.b. Newtonville, Mass.</td>
</tr>
<tr>
<td>One precision tool room lathe, 13½ in. swing over bed, 13½ in. collet capacity</td>
<td>Physics</td>
<td>E. L. Essley Machinery Co., Chicago</td>
<td>10 215 00 f.o.b. Boston, Mass.</td>
</tr>
<tr>
<td>One used Saltzman model 30WAA enlarger with motorized horizontal motion; less trade-in of one Eastman 8 x 10 projection printer</td>
<td>Photography</td>
<td>J. G. Saltzman, Inc., New York, N.Y.</td>
<td>3 250 00 f.o.b. Middle Village, N.Y.</td>
</tr>
</tbody>
</table>

On motion of Mr. Harewood, these purchases were approved.
### Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleaning and pressing approximately 1,600 Air Force R.O.T.C. uniforms and laundering approximately 7,200 shirts during the period July 1, 1959, through June 30, 1961</td>
<td>Air Force Science</td>
<td>Paris Dyeing &amp; Cleaning Co., Champaign</td>
<td>$6,300.00</td>
</tr>
<tr>
<td>4.608 lbs. ether, reagent, anhydrous A.C.S.</td>
<td>General Chemical Stores</td>
<td>Mallinckrodt Chemical Works, St. Louis, Mo.</td>
<td>$5,488.80 f.o.b. delivered</td>
</tr>
<tr>
<td>3.840 pints acetone, reagent, A.C.S.</td>
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<tr>
<td>3.120 pints chloroform, reagent, A.C.S.</td>
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<tr>
<td>3.840 pints methyl alcohol, reagent, A.C.S.</td>
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</tr>
<tr>
<td>Quantities will be purchased for the period July 1, 1959, through June 30, 1960</td>
<td></td>
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</tr>
<tr>
<td>One scaler, portable, nuclear decade 100,000 counts for operation in 5 volts d.c. or 115 volts, 50-60 cycles, complete with depth moisture probe</td>
<td>Horticulture</td>
<td>Nuclear-Chicago Corp., Chicago</td>
<td>2,622.96 f.o.b. Urbana</td>
</tr>
<tr>
<td>One Varian model V-4012A twelve-inch electromagnet with one pair cylindrical pole caps, one pair tapered pole caps, one regulated magnet power supply, and one voltage regulator</td>
<td>Physics</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>17,880.00 f.o.b. Palo Alto, Calif.</td>
</tr>
<tr>
<td>80 table tops of two-inch thick laminated edge-grain maple, sizes: fifty 30 in. x 60 in., and thirty 30 in. x 96 in.</td>
<td>Physics (new building)</td>
<td>Brodhead-Garrett Co., Cleveland, Ohio</td>
<td>3,124.00 f.o.b. Urban</td>
</tr>
<tr>
<td>One hydraulic pumping and indicating unit for a maximum capacity of 10,000 PSI; four ranges 0-12,000, 0-2500, 0-1000 PSI; complete with accessories; less trade-in allowance of a Riehle 100,000 lb. testing machine purchased in 1904</td>
<td>Theoretical and Applied Mechanics</td>
<td>Riehle Testing Machine Division, American Machine &amp; Metals, Inc., East Moline</td>
<td>9,050.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>Uniforms and linen rental service as required by College of Veterinary Medicine for the period July 1, 1959, to June 30, 1961</td>
<td>Veterinary Medicine</td>
<td>Champaign Clean Towel Service, Champaign</td>
<td>7,041.00</td>
</tr>
<tr>
<td>One ultra microtome, Fernandez Moran type, dual motor drive for use with glass and diamond knives, complete with accessories</td>
<td>Zoology</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>3,167.00 f.o.b. Chicago delivered and installed</td>
</tr>
<tr>
<td>One Cesna 150 airplane with dual controls, navigation and landing lights, full panel IFR instrumentation with vacuum system, and Nargo super-compressor; less allowance on Cesna 140, Serial No. N13101</td>
<td>Institute of Aviation</td>
<td>Walston Aviation, Inc., East Alton</td>
<td>6,048.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One Beechcraft Bonanza with IFR flight panel, Narco omnigater, Narco simplexer, Lear radio compass, rotating beacon, oil filter, seat covers, external power plug, and air conditioner; less allowance for Beechcraft Bonanza, Serial No. N13407B</td>
<td>Institute of Aviation</td>
<td>Butler Co., Butler Airplane Sales Division, Rockford</td>
<td>18,064.00 f.o.b. Rockford</td>
</tr>
<tr>
<td>One spectrophotometer with photomultiplier attachment and flame attachment</td>
<td>Biochemistry, College of Medicine</td>
<td>E. H. Sargent &amp; Co., Chicago</td>
<td>2,859.00</td>
</tr>
<tr>
<td>One self-contained rotograph apparatus with X-ray generator tube and high tension cables</td>
<td>Dental Radiology, Chicago</td>
<td>General Electric X-Ray Corp., Chicago</td>
<td>6,965.00 delivered</td>
</tr>
<tr>
<td>Two food mixers, one food chopper, and two electric can openers</td>
<td>Medical Research Laboratory, Chicago</td>
<td>Imperial Restaurant Supply, Chicago</td>
<td>2,932.25 delivered</td>
</tr>
<tr>
<td>18 animal operating tables</td>
<td>Medical Research Laboratory, Chicago</td>
<td>Heis Holmes Serum Co., Springfield</td>
<td>4,331.72 f.o.b. delivered</td>
</tr>
<tr>
<td>100,000 mysoline tablets</td>
<td>Hospital Pharmacy, Chicago</td>
<td>Ayerst Laboratories, Chicago</td>
<td>3,598.00 delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
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<tr>
<td>Optical goods, including services and repairs for patients at the Illinois Eye and Ear Infirmary, 904 West Adams Street, Chicago, as required on prescriptions and authorization of the Infirmary staff, for the period July 1, 1959, through and including June 30, 1960, subject to automatic renewal for one year at the same schedule of prices at the option of the University; total estimated number of prescriptions approximately 7,500, based on University experience records</td>
<td>Illinois Eye and Ear Infirmary</td>
<td>American Optical Co., Chicago</td>
<td>$48,000 (estimated annual expenditures)</td>
</tr>
<tr>
<td>Approximately 600 cases of Pyrex laboratory glassware to be used by the Chicago Colleges and Divisions</td>
<td>Chicago Colleges and Divisions</td>
<td>W. M. Welch Manufacturing Co., Chicago</td>
<td>3 cases</td>
</tr>
<tr>
<td>Printing of the Chicago Undergraduate Division weekly student newspaper Pier Illini, consisting of twenty-two issues of eight pages and four issues of twelve pages, during the academic year 1959-60.</td>
<td>Chicago Undergraduate Division</td>
<td>Garfieldian Publications, Chicago</td>
<td>9,683.90 delivered</td>
</tr>
<tr>
<td>30 monocular nirdical microscopes, less allowance for thirty used microscopes</td>
<td>Student Supply Store, Chicago Professional Colleges</td>
<td>A. S. Aloe Co., Chicago</td>
<td>3,661.75 delivered</td>
</tr>
<tr>
<td>130 hot water heaters, gas fired, thirty gallon capacity, complete with 100 per cent safe temperature regulators and line pressure regulators</td>
<td>Housing Division (temporary family housing)</td>
<td>Graybar Electric Co., Peoria</td>
<td>5,318.06 f.o.b. Urbana</td>
</tr>
<tr>
<td>120 inner spring mattresses 54½ in. x 74½ in.</td>
<td>Housing Division (married students apartments on Orchard Place)</td>
<td>Schultz &amp; Hirsch Co., Chicago</td>
<td>4,998.00 f.o.b. delivered</td>
</tr>
<tr>
<td>120 box springs</td>
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</tr>
<tr>
<td>Dinner plates, salad plates, cereal bowls, sugar bowls, serving bowls, and cups and saucers in Mayer china; replacements</td>
<td>Housing Division (Women's Residence Halls)</td>
<td>American China &amp; Glassware Co., Chicago</td>
<td>2,930.48 f.o.b. Beaver Falls, Pa.</td>
</tr>
<tr>
<td>Plates, fruit dishes, cereal and soup nappies, sugar bowls, and cups and saucers in Syracuse china; replacements</td>
<td>Housing Division (Men's Residence Halls)</td>
<td>E. A. Hinrichs &amp; Co., Chicago</td>
<td>7,098.95 f.o.b. Urbana</td>
</tr>
<tr>
<td>Plates, vegetable dishes, and cups and saucers in Shenango china; replacements</td>
<td>Illini Union</td>
<td>M. L. Brill &amp; Co., Chicago</td>
<td>2,632.68 f.o.b. Urbana</td>
</tr>
<tr>
<td>300 reams 25 x 38 60-lb. white English finish book paper, long grain, packed in cartons, trimmed four sides</td>
<td>Office Supply Stores</td>
<td>West Virginia Pulp &amp; Paper Co., Chicago</td>
<td>2,753.19 f.o.b. mill less carload freight</td>
</tr>
<tr>
<td>19,500 (approximately) miscellaneous haydite and concrete blocks as required during the period July 1, 1959, through June 30, 1960</td>
<td>Physical Plant Storeroom</td>
<td>Davis Concrete Products, Inc., Mahomet</td>
<td>3,366.00 delivered</td>
</tr>
<tr>
<td>8,220 gallons (approximately) water emulsion floor wax to be furnished during the period July 1, 1959, through June 30, 1961</td>
<td>Physical Plant</td>
<td>International Chemical Co., Chicago</td>
<td>12,055.43 f.o.b. Urbana</td>
</tr>
<tr>
<td>Wet storage batteries to be furnished during the period July 1, 1959, through June 30, 1961: 50 (approximately) Group 1 25 (approximately) Group 2L 300 (approximately) Group 2 25 (approximately) Group 24S 60 (approximately) Group 28N</td>
<td>Physical Plant</td>
<td>Montgomery Ward &amp; Co., Urbana</td>
<td>5,422.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>
University of Illinois

Hospital professional liability insurance for five years at limits of $200,000/500,000 covering the Chicago and Urbana-Champaign risk; premium is payable on an annual installment basis of $8,661.81 for Chicago and $687.96 for Urbana-Champaign.

Builders' risk insurance under a completed form on an estimated $5,500,000 insurable cost of construction for the Assembly Hall; insurance to be carried for an estimated two years during the course of construction with right of pro rata cancellation upon completion of the construction work; total two-year premium is estimated at $9,234.50, of which $4,617.25 will be payable the first year.

Consulting engineering services, general and detailed supervision and inspection of the work performed by the subcontractor in connection with construction of facilities for the Radio Telescope.

Construction of the reflecting surface, the towers, and other facilities described in the plans and specifications for the Radio Telescope to be located at the Union Corner site, near Danville, subject to availability of funds from the Office of Naval Research.

One spectrophotometer, high sensitivity, stability, and reproducibility; range 200 μ to 2.5 μ, 70 cm. optical bench complete with one set of four cells 10 x 10 x 48 mm., and accessories for operation on 115 volts, 60 cycles.

One autoclave, laboratory, steam operated, custom mounted, automatic controls, 24 in. x 36 in. x 48 in. rectangular with provision for vacuum drying and for conversion to cold sterilization.

7,000 pounds acetic acid reagent.
20,000 pounds hydrochloric acid reagent.
12,000 pounds nitric acid reagent.
75,000 pounds sulphuric acid reagent.
6,000 pounds ammonium hydroxide reagent.
6,250 pounds hydrochloric acid, technical.
180,000 pounds sulphuric acid technical.
4,000 pounds No. 2 hydrochloric acid solution.

Quantities needed July 1, 1959, through June 30, 1961.

Laboratory chemicals to be used as stock in the General Chemical Stores for the summer and fall terms of 1959-60.

One lot laboratory glassware and assorted apparatus for General Chemical Stores stock.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hospital professional liability insurance</td>
<td>Research and Educational Hospitals and Health Services</td>
<td>V. P. Hartwell, Peoria, representing the Lumbermen's Mutual Casualty Co.</td>
<td>$44,748.85 (five-year premium)</td>
</tr>
<tr>
<td>Builders' risk insurance</td>
<td>Physical Plant</td>
<td>Ralph Light, Champaign, representing the Employers Mutual Casualty Co.</td>
<td>2,337.50</td>
</tr>
<tr>
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<td></td>
<td>Dickler Insurance Agency, Dwight, representing the Freepoint Insurance Co.</td>
<td>6,897.00</td>
</tr>
<tr>
<td>Consulting engineering services</td>
<td>Astronomy</td>
<td>Hanson, Collins, &amp; Rice, Springfield</td>
<td>15,000.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>4,279.00 delivered</td>
</tr>
<tr>
<td></td>
<td>Chemistry and Chemical Engineering</td>
<td>American Sterilizer Co., Chicago</td>
<td>11,782.00 f.o.b. delivery</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E. I. Du Pont de Nemours &amp; Co., Grasselli Chemicals Dept., Chicago</td>
<td>24,803.28 f.o.b. delivery</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J. T. Baker Chemical Co., Chicago</td>
<td>6,560.88</td>
</tr>
<tr>
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<td>General Chemical Division, Allied Chemical Corp., Chicago</td>
<td>2,818.87</td>
</tr>
<tr>
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<td></td>
<td>Mallinckrodt Chemical Works, St. Louis, Mo.</td>
<td>2,670.86</td>
</tr>
<tr>
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<td></td>
<td>Merck &amp; Co., Inc., St. Louis, Mo.</td>
<td>1,524.12</td>
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<tr>
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<td></td>
<td>Fisher Scientific Co., Fairlawn, N.J.</td>
<td>893.35</td>
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<td>Schaar &amp; Co., Chicago</td>
<td>255.00</td>
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<tr>
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<td>Arthur S. LaPine &amp; Co., Chicago</td>
<td>121.70</td>
</tr>
<tr>
<td></td>
<td></td>
<td>All prices f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Arthur S. LaPine &amp; Co., Chicago</td>
<td>13,530.39 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
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</tr>
<tr>
<td>Steel library bookstacks and wood library shelving for expansion of Smith Music Hall library</td>
<td>Library</td>
<td>Virginia Metal Products, Inc., Orange, Va.</td>
<td>$1,746.00</td>
</tr>
<tr>
<td>One automatic sample changing counting system consisting of: One scaler One sample changer, automatic One elapsed time printer One shield One scintillation counter One sodium iodide crystal 1 in. x 1 in.</td>
<td>Physiology</td>
<td>Radiation Instrument Development Laboratories, Chicago</td>
<td>$3,140.75</td>
</tr>
<tr>
<td>One six-speed Universal metal cutting band saw, 18 in. x 18 in., complete with motor and controls</td>
<td>Physics</td>
<td>Black &amp; Co., Champaign</td>
<td>$2,771.07</td>
</tr>
<tr>
<td>One helium cryostat with modifications to produce liquid hydrogen at the rate of eight liters per hour</td>
<td>Physics</td>
<td>Arthur D. Little, Inc., Cambridge, Mass.</td>
<td>$36,515.00</td>
</tr>
<tr>
<td>One automatic refrigerated centrifuge</td>
<td>Biochemistry (Chicago Professional Colleges)</td>
<td>A. Daigger &amp; Co., Chicago</td>
<td>$3,086.92</td>
</tr>
<tr>
<td>One automatic laboratory analyzer</td>
<td>Biochemistry (Chicago Professional Colleges)</td>
<td>Technicon Instrument Co., Chauncey, N.Y.</td>
<td>$7,412.00</td>
</tr>
<tr>
<td>44 pieces of stainless steel operating room furniture, consisting of five arm dip tanks, 11 instrument tables, 11 Mayo stands, 17 irrigator stands</td>
<td>Medical Research Laboratory</td>
<td>Debs Hospital Supply, Chicago</td>
<td>$2,869.91</td>
</tr>
<tr>
<td>Autoanalyzer and accessories for automatic determination of laboratory specimens</td>
<td>Research and Educational Hospitals</td>
<td>Parke, Davis &amp; Co., Chicago</td>
<td>$3,100.00</td>
</tr>
<tr>
<td>Yearly affiliation fee for television programming service for period July 1, 1959, through June 30, 1960</td>
<td>Research and Educational Hospitals</td>
<td>National Educational Television &amp; Radio Center, Ann Arbor, Mich.</td>
<td>$8,400.00</td>
</tr>
<tr>
<td>Printing and binding Illinois Studies in the Social Sciences during the period July 1, 1959, through June 30, 1961</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationary Co., Bloomington</td>
<td>$7,000.00</td>
</tr>
<tr>
<td>Printing and binding Illinois Biological Monographs for the period July 1, 1959, through June 30, 1961</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationary Co., Bloomington</td>
<td>$7,000.00</td>
</tr>
<tr>
<td>500 tons (approximately) pea size coke to be delivered directly to bins at various Housing Division locations during the 1959-60 heating season</td>
<td>Housing Division (temporary housing)</td>
<td>Mooney Coal Co., Urbana</td>
<td>$12,825.00</td>
</tr>
<tr>
<td>750 free hanging Venetian blinds for installation in the new married students apartments</td>
<td>Housing Division (married students apartments)</td>
<td>Johnson Shade Shop, Champaign</td>
<td>$2,731.10</td>
</tr>
<tr>
<td>16 beds, eight chests, eight desks, seven night stands, and eight side chairs to replace furniture in guest rooms in Illini Union Building</td>
<td>Illini Union</td>
<td>R-Way Furniture Co., Chicago</td>
<td>$2,930.70</td>
</tr>
<tr>
<td>405 steel office chairs, upholstered: 140 swivel arm chairs 60 swivel chairs, no arms 15 side arm chairs 100 side chairs, no arms 90 posture swivel chairs</td>
<td>Office Supply Stores—Physics Department</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>$10,808.20</td>
</tr>
<tr>
<td>One Flexowriter, SPD, programmatic recorder, reproducer with edge card facilities, stand, edge card cutter, continuous label holder</td>
<td>Purchasing Office</td>
<td>Friden, Inc., Peoria Heights</td>
<td>$3,615.35</td>
</tr>
<tr>
<td>One lot supplies (one carton tape, 20 roll labels 1 7/8 x 4, 10,000 edge punched cards 3 x 7)</td>
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</tr>
<tr>
<td>Item</td>
<td>Department</td>
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<td>Cost</td>
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</tr>
<tr>
<td>2,150 (approximately) motor oil samples to be analyzed for motor</td>
<td>Physical Plant</td>
<td>Faber Laboratories of Chicago</td>
<td>$3498.00</td>
</tr>
<tr>
<td>vehicle fleet operation during the period July 1, 1959, through</td>
<td></td>
<td></td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>June 30, 1961</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory furniture for East Chemistry Building</td>
<td>Physical Plant</td>
<td>Metalab Equipment Co., Hicksville, N.Y.</td>
<td>$3225.00</td>
</tr>
<tr>
<td>Furnish and install 121 guided Venetian blinds in the new Physics</td>
<td>Physical Plant</td>
<td>Mackin Venetian Blind Co., Momence</td>
<td>$3279.10</td>
</tr>
<tr>
<td>Building</td>
<td></td>
<td></td>
<td>installed</td>
</tr>
<tr>
<td>Movable partitions, approximately 194 lineal ft., to be furnished</td>
<td>Physical Plant</td>
<td>Unistrut Service Co. of Illinois, Chicago</td>
<td>$2945.00</td>
</tr>
<tr>
<td>and erected in Civil Engineering Hall, creating ten office spaces</td>
<td></td>
<td></td>
<td>f.o.b. delivered and erected</td>
</tr>
<tr>
<td>Incandescent and fluorescent lamps to be ordered as required for</td>
<td>Physical Plant</td>
<td>Potter Supply Co., Decatur</td>
<td>$75139.79</td>
</tr>
<tr>
<td>the Urbana campus and Chicago Professional Colleges during the</td>
<td></td>
<td></td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>period July 1, 1959, through June 30, 1961</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20,000 lbs. soft white lead paste, federal specifications TT-W-531-B</td>
<td>Physical Plant</td>
<td>National Lead Co., Chicago</td>
<td>$3650.00</td>
</tr>
<tr>
<td>Type C in 100-lb. kegs</td>
<td>Storeroom</td>
<td></td>
<td>f.o.b. Urbana</td>
</tr>
<tr>
<td>Miscellaneous steel for stock and jobs in progress</td>
<td>Physical Plant</td>
<td>A. M. Castle &amp; Co., Franklin Park</td>
<td>$3921.10</td>
</tr>
<tr>
<td></td>
<td>Storeroom</td>
<td></td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>Octane aviation gasoline as follows:</td>
<td>Institute of</td>
<td>Texaco, Inc., Chicago</td>
<td>$152964.80</td>
</tr>
<tr>
<td>200,000 gallons 80/87</td>
<td>Aviation</td>
<td></td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>350,000 gallons 91/96</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>400,000 gallons 100/110</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cylinder and bulk propane gas to be furnished during the period July</td>
<td>Various Departments,</td>
<td>Jack Bell Gas Co., Urbana</td>
<td>$10000.00</td>
</tr>
<tr>
<td>1, 1959, through June 30, 1961</td>
<td>Urbana</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratoy gases as required by all departments during the period</td>
<td>Various Departments,</td>
<td>Urbana Furniture Co., Urbana all prices f.o.b.</td>
<td>$3800.00</td>
</tr>
<tr>
<td>July 1, 1959, through June 30, 1961</td>
<td>Urbana</td>
<td>Cylinder propane</td>
<td>deliivered</td>
</tr>
<tr>
<td>Gasoline, fuel oil, motor oil, greases, and industrial lubricants</td>
<td>Various Departments,</td>
<td>Depke Welding Supplies, Inc., Champaign</td>
<td>$32000.00</td>
</tr>
<tr>
<td>as required during the period July 1, 1959, through June 30, 1961</td>
<td>Urbana</td>
<td></td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mobil Oil Co., Springfield,</td>
<td>$65954.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>350,000 gals. gasoline in transport loads;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>50,000 gals. No. 1 fuel oil in tank truck</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>loads;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Texaco, Inc., Chicago</td>
<td>10501.92</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60,000 gals. gasoline in transport loads</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>for Dixon Springs Station</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ohio Oil Co., Urbana</td>
<td>8752.50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45,000 gals. gasoline in tank truck loads</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Continental Oil Co., Springfield,</td>
<td>1325.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10,000 gals. No. 1 fuel oil in tank truck</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>loads for Dixon Springs Station</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sinclair Refining Co., Chicago,</td>
<td>2232.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18,000 gals. No. 2 fuel oil in tank truck</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>loads for Dixon Springs Station</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stewart Oil Co., Champaign</td>
<td>27014.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>220,000 gals. No. 2 fuel oil in tank truck</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>loads;</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mobil Oil Co., Springfield,</td>
<td>6137.81</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4,500 gals. motor oil in quart cans,</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>30,000 gals. motor oil in quart cans and</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>drums, greases and industrial oils</td>
<td></td>
</tr>
</tbody>
</table>

On motion of Mr. Harewood, these purchases were authorized.
COMPTROLLER'S REPORT OF CONTRACTS

(37) The Comptroller's report of contracts executed during the period May 1 to 31, 1959.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Air Force AF 33(616)-6283</td>
<td>Exploratory investigation of inorganic laminate matrix materials</td>
<td>$40,110.00</td>
<td>April 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-6476</td>
<td>Analyzing principles of the mammalian auditory system</td>
<td>34,395.00</td>
<td>May 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-6542</td>
<td>Quantitative theory of form perception</td>
<td>14,400.00</td>
<td>June 16, 1959</td>
</tr>
<tr>
<td>United States Army DA-36-039 SC-70513</td>
<td>Microwave duplexer switching mechanisms</td>
<td>33,333.00</td>
<td>February 1, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-758</td>
<td>Basic research relating to atomic energy</td>
<td>11,260.00</td>
<td>June 1, 1959</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Education, SAE-8204</td>
<td>Efficacy of special class training on the development of mentally retarded children</td>
<td>233,923.00</td>
<td>July 1, 1959</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Amount to be Paid</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leases</td>
<td></td>
<td></td>
</tr>
<tr>
<td>De Vous Brothers</td>
<td>One model 800 PTO forage harvester with attachments</td>
<td>$199.91 annually</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>One McCormick UF-34 power loader with attachments</td>
<td>61.59 annually</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Iron &amp; Steel Institute</td>
<td>Continuous reinforced concrete beams failing in shear</td>
<td>$23,500.00</td>
<td>April 3, 1959</td>
</tr>
<tr>
<td>General Electric Co.</td>
<td>Effect of residual stress on fatigue life and the fading of residual stress at elevated temperatures</td>
<td>12,500.00</td>
<td>May 6, 1959</td>
</tr>
<tr>
<td>Kewanee Machinery &amp; Conveyor Co.</td>
<td>Study of elevators for filling vertical silos</td>
<td>3,000.00</td>
<td>January 28, 1959</td>
</tr>
<tr>
<td>Kretschmer Corp.</td>
<td>Relative effects of wheat germ oil on physical performance tests</td>
<td>2,500.00</td>
<td>April 14, 1959</td>
</tr>
<tr>
<td>Chas. Pfizer &amp; Co., Inc.</td>
<td>Evaluate unidentified growth factors and antibiotics in swine</td>
<td>2,000.00</td>
<td>April 8, 1959</td>
</tr>
<tr>
<td>Research Council of the Engineering Foundation</td>
<td>Fatigue tests on cumulative damage of structural joints</td>
<td>22,000.00</td>
<td>January 1, 1959</td>
</tr>
<tr>
<td>United States Department of Agriculture</td>
<td>Plant pest control</td>
<td>4,500.00</td>
<td>May 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 19(604)-4940</td>
<td>Analysis of severe thunderstorms</td>
<td>4,755.00</td>
<td>March 20, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-5466</td>
<td>Films of surface active substances on a metal surface</td>
<td>10,000.00</td>
<td>January 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-5754</td>
<td>Protective coatings for refractory metals</td>
<td>42,076.50</td>
<td>March 2, 1959</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-2705</td>
<td>Interaction of interstitial impurities with defect in BCC metals</td>
<td>20,795.50</td>
<td>May 6, 1959</td>
</tr>
<tr>
<td>United States Army DA-36-039-SC-7055</td>
<td>Measurement of intensity of surface precipitation by radar returns</td>
<td>120,184.00</td>
<td>April 1, 1959</td>
</tr>
<tr>
<td>United States Army DA-49-507-MD-569</td>
<td>Influence of interpersonal relations on team effectiveness</td>
<td>400.00</td>
<td>May 15, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-67, Project No. 4</td>
<td>Unclassified research in the field of radio chemistry</td>
<td>26,300.00</td>
<td>April 23, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-67, Project No. 8</td>
<td>Atomic energy research and development</td>
<td>10,000.00</td>
<td>May 11, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-67, Project No. 9</td>
<td>Structural changes in metals due to annealing after deformation</td>
<td>23,909.00</td>
<td>April 23, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-392</td>
<td>Obtaining one millimeter source of C.W. microwaves and associated components</td>
<td>90,335.00</td>
<td>May 11, 1959</td>
</tr>
</tbody>
</table>
Adjustments Made in 1958-59 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>E. T. Drewitch</td>
<td>Twenty-five items: $141.58 deduct to $202.00</td>
<td>$106.08</td>
<td>April and May, 1959</td>
</tr>
</tbody>
</table>

This report was received for record.

HOUSE OF REPRESENTATIVES RESOLUTION RELATING TO THE CHICAGO UNDERGRADUATE DIVISION

President Henry presented the following resolution:

State of Illinois
Seventy-first General Assembly
House of Representatives

Offered by Mr. Randolph, Mr. W. G. Clark, Mr. Pollack, and Miss Piotrowski
House Resolution No. 102

WHEREAS, Efforts have been made for many years to establish a branch campus of the University of Illinois in Chicago offering a comprehensive educational program; and

WHEREAS, The Chicago Undergraduate Division established since World War II has served the educational needs of more than 60,000 students to the extent of its imposed limitations; and

WHEREAS, The citizens of Illinois have expressed their desire for public higher education in Chicago and the Board of Trustees has recognized its responsibilities and executed plans to establish a permanent campus accordingly; and

WHEREAS, The University’s schedule is imperative to its needs to provide for the future established enrollments at the Chicago campus; therefore, be it

Resolved, By the House of Representatives of the Seventy-first General Assembly of the State of Illinois, that the Board of Trustees of the University be complimented and supported in its willingness to concede their choice of site for the new campus within the City limits; and that the Mayor of Chicago be commended for his continued interest in the Chicago campus of the University, for his acceptance of the University’s established schedule, and for his willingness to support the choice of site by the University within the City limits; and that all citizens and officials of this great commonwealth recognize the importance of the quality of the human resources over all other considerations and dedicate themselves to unselfish support of the Chicago campus of the University which will contribute so much to so many now and in the future.

Adopted by the House, May 19, 1959.

Paul Powell
Speaker, House of Representatives

This resolution was received for record and ordered printed in the minutes.

CONTRACT FOR CONSTRUCTION OF PARKING AREA FACILITIES

The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $36,193 to Clancy Construction Company, Urbana, Illinois, the lowest bidder, for the construction of a temporary parking lot in the area east of the Student-Staff Apartments on Green Street to provide space for 405 automobiles based on bids received on June 22, 1959. The base will be heavy crushed rock, and the surface will be fine crushed rock. This parking area is to replace facilities lost due to construction of the first unit of the Physics Building across the street and the parking areas which will be lost when the second unit of this building is constructed.

Funds are available in the state capital appropriations to the University for 1957-59.

I recommend approval.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr.
Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

REPORTS OF COMMITTEES
The Board proceeded to consider the following reports and recommendations from its standing committees.

NAMING OF BIOLOGY BUILDING
Mr. Pogue, for the Committee on Buildings and Grounds, presented the following recommendation:

The Committee on Buildings and Grounds received a recommendation from the Division of Biological Sciences, in which the President concurs, that the new Biology Building be named Burrill Hall for the distinguished scientist, Thomas Jonathan Burrill, a member of the University faculty from 1868 until his retirement in 1912, whose services to the University during its first forty-five years also included the following important administrative positions: Dean of the College of Science, 1878-1884; Acting Regent (President), 1891-1894; Dean of the General Faculty, 1894-1901; Dean of the Graduate School, 1891-1905; Vice-President, 1871-1912.

A statement in support of this recommendation has been filed with the Secretary of the Board for record.

On motion of Mr. Pogue, this recommendation was approved. Mr. Herrick and Mr. Williamson voted no.

EMPLOYMENT OF ARCHITECTS AND ENGINEERS FOR MASTER PLANNING FOR CHICAGO UNDERGRADUATE DIVISION
Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report and recommendation:

At the meeting of the Buildings and Grounds Committee on February 18, 1959, the Director of the Physical Plant submitted a preliminary report on Professional Services for the Relocation of the Chicago Undergraduate Division. The Buildings and Grounds Committee approved recommendations that:

"a. Negotiations be authorized to secure the services of Skidmore, Owings, and Merrill as the coordinating architect on the relocation of the Chicago Undergraduate Division and with the responsibilities as assigned above.

"b. Recommendations then be submitted for the employment of other professional firms on specific building projects (including such firms as Naess and Murphy and Sargent and Lundy)."

Assuming that the site selection will be firm by July and that the capital appropriations are available in the 1959-61 biennium, it is recommended that employment of the necessary professional services be authorized so that final campus plan studies may be started promptly.

Assuming, also, the approval and availability of the Garfield Park site, there are several fundamental planning problems that must be settled at the very earliest possible date and resolved in conjunction with the city and local community interests. Examples of such questions are: (1) closing of streets and rerouting of traffic; (2) development of an urban renewal program for the area as a whole; and (3) a firm decision on the area in which construction will be first started.

Such work must be completed before any work can be started by the architects on the individual buildings. Starting such work in July is essential if the University's time schedule, namely, completion of construction by the fall of 1963 for the first stage, is maintained.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of:

Skidmore, Owings, and Merrill as the coordinating architect for the preparation of the master campus plan. Their fee for such work will be on a timecard basis, that is, cost plus 150 per cent. (Such costs will be the compensation expended for technical personnel assigned to such work. Technical personnel will include partners and all other personnel assigned to the project, exclusive of general office employees.)
Sargent and Lundy as engineers on the power plant and utility distribution system. Their fee, which is standard for other similar University projects, will be:

1. Engineering and drafting at actual salary and wages plus 100 per cent. (Engineering and drafting are charged at straight time rates for the number of hours actually devoted to the work. The premium costs resulting from overtime and all fringe benefits such as vacations, illness, etc., are included in the 100 per cent.)
2. Stenographic and clerical services at actual wages.
3. Traveling expenses, including transportation, room, board, etc., at charged cost to Sargent and Lundy.
4. Miscellaneous expenses, including calculating board studies, telegraph, long distance telephone, blueprints, etc., at charged cost to Sargent and Lundy.

It is not possible at this time to estimate accurately the cost of these services, but they will run from $75,000 to $100,000.

This recommendation was previously submitted to the Committee on Buildings and Grounds and the Committee concurs.

On motion of Mr. Pogue, these recommendations were approved.

LEASE OF PROPERTY AT 1102A WEST MAIN STREET, URBANA

Mr. Pogue, for the Committee on Buildings and Grounds, presented the following report and recommendation:

As a part of the general program to provide additional office and laboratory facilities for this fall, the Director of the Physical Plant and the Vice-President and Comptroller recommend leasing of quarters in the building at 1102A West Main Street, Urbana.

This building was formerly occupied by the Jewel Tea Company as part of the Eisner store chain. Recently, Mr. Cyrus Vaughn of Champaign acquired this building, and the space has been offered to the University of Illinois.

Approximately 1,368 square feet of space can be leased at a rental of $150 a month ($1.32 per square foot); and the lessor will:
1. Do the necessary remodeling to make the storeroom usable.
2. Subdivide the large area with a partition.
3. Paint all the interior walls and ceilings.
4. Install a separate toilet.
5. Make available to the University certain parking facilities located at the rear of the building.
6. Be responsible for exterior maintenance, insurance, taxes, etc.

The University will assume the cost of electricity, heat, water, gas, custodian services, and any further alterations required for University use.

The College of Education and the University High School have a research program involving the filming of classroom techniques. The building at 1102A West Main Street will provide the necessary laboratory and office space. The personnel involved in the program have inspected the property and state that this space is suitable for their needs.

The annual rental ($1,800) and the operation and maintenance cost ($2,050) will require a total recurring appropriation of $3,850. Funds are available to the College of Education in research contracts.

In view of the fact that no new academic buildings can be completed for another four-year period, it is recommended that this space be leased for a two-year period, commencing July 1, 1959.

This recommendation was previously submitted to the Committee on Buildings and Grounds and the Committee concurs.

On motion of Mr. Pogue, this lease was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

ASSEMBLY HALL REVENUE BONDS

Mr. Swain, for the Finance Committee, offered the following resolution and moved its adoption:
Resolution Authorizing $7,750,000 Assembly Hall Revenue Bonds, Series 1959

A RESOLUTION AUTHORIZING AND PROVIDING FOR THE ISSUANCE OF REVENUE BONDS FOR THE PURPOSE OF PAYING THE COST OF ACQUIRING, CONSTRUCTING, EQUIPPING, ENLARGING, OR IMPROVING AN ASSEMBLY HALL IN THE VICINITY OF FLORIDA AVENUE AND FIRST STREET IN THE CITY OF CHAMPAIGN, ILLINOIS, BY THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, SETTING FORTH THE TERMS UNDER WHICH SUCH REVENUE BONDS ARE TO BE ISSUED, PROVIDING FOR THE RIGHTS OF THE HOLDERS THEREOF, AND PROVIDING FOR THE ACQUISITION, CONSTRUCTION, AND EQUIPMENT OF SUCH FACILITIES, AND THE MANAGEMENT, MAINTENANCE, IMPROVEMENT, AND OPERATION THEREOF.

WHEREAS, The Board of Trustees of the University of Illinois on due consideration and investigation does now find and determine that it is advisable and necessary and required for the good and benefit of the University of Illinois and the best interests of its students and faculty to construct and equip an Assembly Hall (hereinafter sometimes called the "Project") having a seating capacity of approximately 18,500 persons; and

WHEREAS, In order to produce the funds necessary to construct and equip said Project it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto;

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE
Definitions

Unless the context otherwise requires, the terms defined in this Article One shall for all purposes of this Resolution and of any resolution supplemental hereto, have the meanings herein specified, the following definitions to be equally applicable both to the singular and plural forms of any of the terms herein defined:

The term "Authorized Officer" shall mean the President, any Vice-President, the Secretary, any Assistant Secretary, the Treasurer or the Comptroller of the Board of Trustees, or any other person authorized by resolution of the Board of Trustees, to perform the act or sign the document in question.

The term "Board of Trustees" and the term "University" shall mean The Board of Trustees of the University of Illinois, a body corporate, created and established under the laws of the State of Illinois.

The term "Bonds" shall mean and include any and all bonds of all series, issued under this Resolution.

The term "Comptroller" shall mean the Comptroller of the University or such other person as may at the time be the acting chief fiscal officer of the University.

The term "facilities" shall mean the Project and all additional facilities financed pursuant to this Resolution, the cost of which is paid in whole or in part through the issuance of Bonds.

The term "fiscal year" shall mean the twelve month accounting period established by the University for its academic operations, which currently is the period from July 1 through the following June 30.

The term "Net Income Available for Debt Service" shall mean at any date as of which the amount thereof is to be determined the sum of

(a) the average net income for the two preceding fiscal years of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding two fiscal years; plus

(b) the net income during the preceding fiscal year of all revenue producing facilities pledged for the payment of Bonds and used and occupied during all of said preceding fiscal year but not during all of the two preceding fiscal years; plus

(c) the estimated annual net income of all revenue producing facilities for the account of which Bonds have been issued and delivered but which
are under construction or for which a full fiscal year’s operating experience is not available; plus,
(d) the estimated annual net income of revenue producing facilities not then completed, the cost of which is to be financed through the proceeds of the sale of additional Bonds at the time proposed to be issued; plus,
(e) the maximum dollar amount of University income authorized by law to be retained in the treasury of the University pledged or to be pledged to supplement the revenues of the facilities for the payment of all Bonds then outstanding and then to be issued, plus,
(f) the income during the preceding fiscal year from investments of funds in the Interest Reserve Account.

For the purpose of this definition net income shall be determined by deducting from the gross revenues or estimated gross revenues for the period in question (which revenues shall include student service charges for the use of the facilities pledged for the payment of all Bonds then outstanding and then to be issued) all operating expenses or estimated operating expenses for such period. In the computation of estimates provided for in this definition, student service charges shall be based on the student enrollment during the immediately preceding fiscal year and other revenues and operating expenses shall be estimated in writing by an independent consulting engineer. All computations of Net Income Available for Debt Service shall be made by the Comptroller of the University who shall certify thereto.

The term “operating expenses” shall mean and include all reasonable expenses of operation and maintenance of the facilities, including without limiting the generality of the foregoing, salaries, wages, cost of materials, supplies, insurance, light, heat, power and reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefore), taxes (if any), fees and expenses of the paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, capital replacements and improvements and all general administrative expenses of the University.

The term “owner” or “holder” whenever employed herein with respect to a Bond which shall be registered as to principal or fully registered without coupons shall mean the person, firm or agency in whose name such Bond shall be registered and, whenever employed herein with respect to a coupon Bond which shall not be registered as to principal or a coupon, shall mean the bearer of such Bond or coupon.

The term “Paying Agent” shall mean Sears Bank and Trust Company or its successors in the City of Chicago, Illinois.

The term “Project Site” shall mean that parcel of real estate situated in the State of Illinois, the County of Champaign and being a part of the North one-half of Section 19, Township 19 North and Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows:

“Beginning at the intersection of the south property line of Florida Avenue and the east property line of First Street, said corner being 58.02 feet distant south of the 55.0 feet distant east of the northwest corner of said Section 19, and being marked with an iron pipe; thence, southerly along the east property line of First Street, and parallel to the west Range Line of said Section 19, a distance of 1221.64 feet to the north property line of St. Mary’s road, a distance of 1384.69 feet to the west property line of Fourth Street, said corner being marked with an iron pipe; thence, easterly along the north property line of St. Mary’s road, a distance of 1225.93 feet to the south property line of Florida Avenue, said corner being marked with an iron pin; thence, westerly along the south property line of Florida Avenue, a distance of 1371.67 feet to the place of beginning, containing 38.725 acres, more or less, excepting the south 204.70 feet of the west 116.35 feet thereof.”

The term “Resolution” shall mean this Resolution as originally adopted or as it may from time to time be supplemented, modified or amended by any resolution supplemental hereto, pursuant to the provisions hereof.

The term “student service charge” shall mean any student fee or portion thereof assessed against students enrolled in the University for the general use of the facilities (whether assessed as a separate charge or as a specific allocation
of a multi-purpose fee or charge) but shall not include general student tuitions or student fees assessed for any other purpose.

ARTICLE TWO
Authorization, Designation, Form, Execution, Exchange and Registration of Bonds

SECTION 2.01. Limitation of Issue and Equality of Bonds. This resolution shall constitute a continuing agreement to secure the full and final payment in the manner herein provided for the principal and interest on all Bonds which may from time to time be delivered and issued hereunder. The aggregate principal amount of Bonds which may be so delivered and issued hereunder is not limited except as restricted by law or by the provisions hereof. All Bonds at any time issued and outstanding hereunder, regardless of series, shall be equally and ratably secured hereby without preference, priority or distinction.

SECTION 2.02. Project and Purpose of Initial Issue of Bonds. The initial project (hereinafter called the "Project") to be acquired, constructed, equipped and completed hereunder is described in a general way as an Assembly Hall, which is to be a multiple-purpose building suitable for concerts, theatrical events, convocations, athletic events, exhibits and other purposes, including adjacent parking facilities and located between First and Fourth Streets in Champaign, Illinois.

The estimated cost of said Project is $7,750,000 exclusive of land and exclusive of any pro rata part of the University power and heating plant serving the Project all as more fully set forth in the plans and specifications therefor on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip the Project, that the University borrow the sum of Seven Million Seven Hundred Fifty Thousand Dollars ($7,750,000) and in evidence thereof to issue its Assembly Hall Revenue Bonds hereunder in said principal amount.

SECTION 2.03. Terms of Series 1959 Bonds. The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and purport hereinafter set forth, shall be designated "The Board of Trustees of the University of Illinois Assembly Hall Revenue Bonds, Series 1959" (hereinafter called "Series 1959 Bonds") and shall be limited to the aggregate principal amount of Seven Million Seven Hundred Fifty Thousand Dollars ($7,750,000) at any one time outstanding.

The Series 1959 Bonds shall be issued as negotiable coupon bonds dated July 1, 1959, registrable as to principal in the denomination of $1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to October 1, 1959, in which case they shall be dated July 1, 1959. Fully registered Bonds without coupons, shall be numbered in such manner as may be designated by the Comptroller and shall be issued in denominations of $1,000 or multiples thereof. The Series 1959 Bonds shall bear interest from July 1, 1959, payable semi-annually on the first days of April and October in each year until paid, commencing October 1, 1959, at the rate of two and one-half per cent (2 1/2%) per annum until October 1, 1961 and thereafter at the rate of four and three-quarters per cent (4 3/4%) per annum and shall be expressed to mature on October 1, 1984.

The Series 1959 Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to October 1, 1971, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<table>
<thead>
<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1, 1971 through October 1, 1974</td>
<td>4%</td>
</tr>
<tr>
<td>April 1, 1975 through October 1, 1977</td>
<td>3%</td>
</tr>
<tr>
<td>April 1, 1978 through October 1, 1980</td>
<td>2%</td>
</tr>
<tr>
<td>April 1, 1981 through October 1, 1982</td>
<td>1%</td>
</tr>
<tr>
<td>April 1, 1983 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>
The Series 1959 Bonds shall also be redeemable prior to their maturity on any interest payment date on and after, but not prior to October 1, 1966, through the operation of the Bond Retirement Account and at the option of the Board of Trustees out of surplus moneys remaining in the Assembly Hall Revenue Bond Fund in any fiscal year after first complying with all provisions of subsections (a) and (b), of Section 5.02 hereof at the principal amount thereof, together with interest accrued thereon to the date fixed for redemption plus a premium equal to the following percentages of such principal amount if redeemed during the following periods respectively:

<table>
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<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
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</thead>
<tbody>
<tr>
<td>October 1, 1966 through October 1, 1969</td>
<td>2(\frac{1}{2})%</td>
</tr>
<tr>
<td>April 1, 1970 through October 1, 1973</td>
<td>2%</td>
</tr>
<tr>
<td>April 1, 1974 through October 1, 1977</td>
<td>1(\frac{1}{2})%</td>
</tr>
<tr>
<td>April 1, 1978 through October 1, 1981</td>
<td>1%</td>
</tr>
<tr>
<td>April 1, 1982 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>

The Series 1959 Bonds shall also be redeemable through the operation of the Fixed Sinking Fund provided for in Article Eight hereof, in which case such redemption shall be upon payment of the principal amount of the Bonds to be redeemed or portion of such principal amount to be redeemed and accrued interest thereon to the date fixed for redemption and without premium. All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three hereof.

SECTION 2.04. Payment of Principal and Interest. Both the principal of and the interest on the Series 1959 Bonds shall be payable in any coin or currency which on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at the Sears Bank and Trust Company, or its successor, in the City of Chicago, Illinois.

SECTION 2.05. Form of Bonds. The definitive coupon Series 1959 Bonds, the interest coupons to be attached thereto, the form of fully registered Series 1959 Bonds without coupons, the form of registration endorsement to appear on all coupon Bonds, the form of principal payment record and the form of assignment to appear on all fully registered Bonds shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in number, amount, interest rate, maturity and like matters:

(Form of Coupon Bond)

UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS ASSEMBLY HALL
REVENUE BOND
Series 1959

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS ($1,000), on October 1, 1984, and to pay interest on said sum from the date hereof until October 1, 1961 at the rate of two and one-half per cent (2\(\frac{1}{2}\)%), and thereafter until paid at the rate of four and three-quarters per cent (4\(\frac{3}{4}\)%), payable October 1, 1959, and semi-annually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupon hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof whether by lapse of time, call for redemption, or otherwise unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal
and interest, is legal tender for the payment of debts due the United States of America, at the Sears Bank and Trust Company, or its successor, in the City of Chicago, Illinois.

This bond is one of an initial authorized issue of Seven Million Seven Hundred Fifty Thousand Dollars ($7,750,000) principal amount of Assembly Hall Revenue Bonds, Series 1959, issued and to be issued pursuant to a Bond Resolution (herein called "Resolution") of The Board of Trustees of the University of Illinois duly adopted ........................................, 1959, for the purpose of providing funds for paying the cost of constructing and equipping an Assembly Hall as set forth in the Resolution. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this series are redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to October 1, 1971, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

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<tr>
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<td>3%</td>
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<td>April 1, 1978 through October 1, 1980</td>
<td>2%</td>
</tr>
<tr>
<td>April 1, 1981 through October 1, 1982</td>
<td>1%</td>
</tr>
<tr>
<td>April 1, 1983 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>

The bonds of this series are also redeemable prior to their maturity on any interest payment date on and after, but not prior to October 1, 1966, through the operation of the Bond Retirement Account and at the option of the Board of Trustees out of surplus moneys remaining in the Assembly Hall Revenue Bond Fund in any fiscal year after first complying with all provisions of subsections (a) and (b) of Section 5.02 of the Resolution at the principal amount thereof, together with interest accrued thereon to the date fixed for redemption plus a premium equal to the following percentages of such principal amount if redeemed during the following periods respectively:

<table>
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<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1, 1966 through October 1, 1969</td>
<td>2½%</td>
</tr>
<tr>
<td>April 1, 1970 through October 1, 1973</td>
<td>2 %</td>
</tr>
<tr>
<td>April 1, 1974 through October 1, 1977</td>
<td>1½%</td>
</tr>
<tr>
<td>April 1, 1978 through October 1, 1981</td>
<td>1 %</td>
</tr>
<tr>
<td>April 1, 1982 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>

The bonds of this series are also redeemable through the operation of the Fixed Sinking Fund provided for in Article Five of the Resolution, in which case such redemption shall be upon payment of the principal amount of the Bonds to be redeemed or portion of such principal amount to be redeemed and accrued interest thereon to the date fixed for redemption and without premium. All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago unless all bonds at the time outstanding shall be in fully registered form in which case such notice may be given only by registered or certified mail, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption moneys are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of
Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereto and supplemental thereto and the Resolution above referred to. This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Assembly Hall Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue and additional bonds which may hereafter be issued pursuant to the Resolution, (2) the operation of any other revenue producing facilities which may subsequently be pledged pursuant to any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution and (3) University income authorized by law to be retained in the University treasury (in addition to the student service charges made for the use of the facilities) but not in excess of $200,000 annually plus such additional sums as may be specified in any resolution supplemental to the Resolution creating or authorizing the issuance of additional bonds. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Comptroller of the University such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer thereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registerable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. The coupon bonds and the registered bonds without coupons are interchangeable on certain conditions only for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the office of the Comptroller of the University and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution: provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time
and place and at the rate and in the currency provided therein of any bond without the expressed consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time rules, rents, charges, and student fees for the use of said facilities and to maintain and collect rents and charges and to withhold student fees, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

In Witness Whereof, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of July, 1959.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest: ...........................................................
Secretary

By ..........................................................
President

...........................................................
Member

...........................................................
Member

(Form of Interest Coupon)

Number..........................................................

On the first day of ........................................................., 19........ (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of ..........................................................

.................................................. Dollars ($..........................) in any coin or currency which, on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at the Sears Bank and Trust Company, in the City of Chicago, Illinois, as provided in the Assembly Hall Revenue Bond, Series 1959, dated July 1, 1959, Number..........................................

..........................................................
Secretary

..........................................................
President
(Form for Registration of Coupon Bond)

<table>
<thead>
<tr>
<th>Date of Registration</th>
<th>Name of Registered Owner</th>
<th>Signature of Registrar</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Form of Registered Bond Without Coupons)

UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS ASSEMBLY HALL
REVENUE BOND
Series 1959

No. ........................................ $ .........................

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Assembly Hall Revenue Bond Fund as hereinafter provided for, and not otherwise) to .........................................................., or registered assigns, on October 1, 1984, the principal sum of .................................. Dollars ($ .............. ) and to pay interest thereon (which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the University), until October 1, 1961 at the rate of two and one-half per cent (2½%) per annum and thereafter at the rate of four and three-quarters per cent (4¾%) per annum on the unpaid balance thereof, said interest being payable October 1, 1959, and semi-annually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which on the respective dates of payment of such principal and interest is legal tender for the payment of debts due the United States of America, at the Sears Bank and Trust Company, or its successor, in the City of Chicago, Illinois.

This bond is one of an initial authorized issue of Seven Million Seven Hundred Fifty Thousand Dollars ($7,750,000) principal amount of Assembly Hall Revenue Bonds, Series 1959, issued and to be issued pursuant to a Bond Resolution (herein called "Resolution") of The Board of Trustees of the University of Illinois duly adopted ..........................................., 1959, for the purpose of providing funds for paying the cost of constructing and equipping an Assembly Hall as set forth in the Resolution. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this series are redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on any interest payment date on and after, but not prior to October 1, 1971, at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

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<th>Period of Redemption</th>
<th>Applicable Premium</th>
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<tbody>
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<td>October 1, 1971 through October 1, 1974</td>
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<tr>
<td>April 1, 1975 through October 1, 1977</td>
<td>3%</td>
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<tr>
<td>April 1, 1978 through October 1, 1980</td>
<td>2%</td>
</tr>
<tr>
<td>April 1, 1981 through October 1, 1982</td>
<td>1%</td>
</tr>
<tr>
<td>April 1, 1983 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>

The bonds of this series are also redeemable prior to their maturity on any interest payment date on and after, but not prior to October 1, 1966, through the operation of the Bond Retirement Account and at the option of the Board of Trustees out of surplus moneys remaining in the Assembly Hall Revenue Bond Fund in any fiscal year after first complying with all provisions of sub-
sections (a) and (b) of Section 5.02 of the Resolution at the principal amount thereof, together with interest accrued thereon to the date fixed for redemption plus a premium equal to the following percentages of such principal amount if redeemed during the following periods respectively:

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<tbody>
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<tr>
<td>April 1, 1970 through October 1, 1973</td>
<td>2%</td>
</tr>
<tr>
<td>April 1, 1974 through October 1, 1977</td>
<td>1 1/2%</td>
</tr>
<tr>
<td>April 1, 1978 through October 1, 1981</td>
<td>1%</td>
</tr>
<tr>
<td>April 1, 1982 and thereafter without premium.</td>
<td></td>
</tr>
</tbody>
</table>

The bonds shall also be redeemable through the operation of the Fixed Sinking Fund provided for in Article Five of the Resolution, in which case such redemption shall be upon payment of the principal amount of the bonds to be redeemed or portion of such principal amount to be redeemed and accrued interest thereon to the date fixed for redemption and without premium. All redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper published and of general circulation in the City of Chicago, Illinois, unless all bonds at the time outstanding shall be in fully registered form in which case such notice may be given only by registered or certified mail, and when this bond or any of the bonds of such authorized issue (or any portion thereof) shall have been duly called for redemption, interest thereon (or on such portion called for redemption) shall cease from and after the specified redemption date if redemption moneys are available for payment of all bonds (or the portions thereof) called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 14 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Assembly Hall Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed and equipped with the proceeds of this bond issue and additional bonds which may hereafter be issued pursuant to the Resolution, (2) the operation of any other revenue producing facilities which may subsequently be pledged pursuant to any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution and (3) University income authorized by law to be retained in the University treasury (in addition to the student service charges made for the use of the facilities), but not in excess of $200,000 annually plus such additional sums as may be specified in any resolution supplemental to the Resolution creating or authorizing the issuance of additional bonds. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Comptroller of the University, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution and upon payment of charges and otherwise as therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving
payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registerable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. The coupon bonds and the registered bonds without coupons are interchangeable on certain conditions for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the office of the Comptroller of the University and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of the Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (662/3%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by the Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons or (iv) reduce the percentage of principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time rules, rents, charges and student fees for the use of said facilities and to maintain and collect rents and charges and to withhold student fees, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of the Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

In Witness Whereof, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereeto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of

**THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS**

Attest: ................................................. By .................................................

Secretary ........................................... President ...........................................

Member .............................................. Member ..............................................
(Form of Principal Payment Record on Registered Bonds Without Coupons)

**NOTATION OF PAYMENTS OF PRINCIPAL ON THE WITHIN BOND BY REDEMPTION OR RETIREMENT OF A PORTION THEREOF.**

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<th>Principal Amount Paid</th>
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(For Value Received)  

**For Value Received**  

hereby sell, assign and transfer unto  

the within mentioned bond together with accrued interest thereon, and all right, title and interest thereto and hereby irrevocably constitute and appoint  

, attorney to transfer the  

same on the books of Registration of the University, with full power of substitution in the premises.

Dated: ________________________________

Witness: __________________________________________

NOTE: The signature to this Assignment must correspond with the name as written on the face of the within bond in every particular, without alteration or enlargement or any change whatsoever.

**SECTION 2.06. Bonds of Additional Series.** Subject to the conditions and limitations set forth in Article Four hereof and provided that the University shall not at the time be in default under any of the terms, covenants or provisions of this Resolution, additional Bonds of equal rank with the Series 1959 Bonds may be issued from time to time under this Resolution having such maturities, providing for the payment of such rates of interest and having such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; provided, however, that each issue of additional Bonds, when so issued, shall be differentiated from all previous issues by appropriate designation inscribed thereon.

**SECTION 2.07. Execution of Bonds.** All of the Bonds shall be signed by the President and any two members of the Board of Trustees and shall have the seal of the University affixed thereto (or a facsimile seal or signatures as permitted by law may be imprinted, engraved or otherwise be produced thereon) and shall be attested by the Secretary of the Board of Trustees, the coupons to
be attached to the Bonds shall bear the facsimile signatures of the President and Secretary of the Board of Trustees.

In case any person who shall have signed, sealed or attested any Bond issuable under this Resolution as an officer or member of the Board of Trustees, shall have ceased to be such officer or member before the Bond so signed, sealed or attested shall have been actually delivered, such Bond nevertheless may be delivered and issued as though the person who signed, sealed or attested such Bond had not ceased to be such officer or member of the Board of Trustees.

Any Bond issuable hereunder may be signed, sealed or attested on behalf of the Board of Trustees by any person who at the actual date of execution of such Bond is the proper person, although at the date of such Bond such person shall not have been an officer or member of the Board of Trustees.

SECTION 2.08. Registration and Transfer of Bonds. The University shall keep at the office of the Comptroller of the University books for the registration and transfer of Bonds issued hereunder, which, at all reasonable times, shall be open for inspection by the holder of any Bond issued hereunder, and upon presentation for the purpose at such office, the University will register or transfer or cause to be registered or transferred therein, as hereinafter provided, and under such reasonable regulations as it may prescribe, any Bonds issued under this Resolution and entitled to be so registered or transferred.

The holder of any coupon Bond issued hereunder may have the ownership of the principal thereof registered on said books of the University at the office of the Comptroller of the University and such registration shall be noted on the Bond. After such registration no transfer shall be valid unless made on the said books by the registered owner in person, or by his duly authorized attorney, and similarly noted on the Bond; but the same may be discharged from registration by being in like manner transferred to bearer, and thereupon transferability by delivery shall be restored; and such Bond may again, from time to time, be registered or transferred to bearer as before. Such registration, however, shall not affect the transferability of the coupons, but every such coupon shall continue to be transferable by delivery merely, and shall remain payable to bearer. Such registrations and discharges from registration shall be without expense to the holder of the Bonds.

Any registered Bond without coupons may be transferred at the office of the Comptroller of the University by surrender of such Bond for cancellation, accompanied by delivery of a written instrument of transfer duly executed by the registered owner of such Bond or his duly authorized attorney, and upon the University may, but shall not be required to, issue in the name of the transferee or transferees a new registered Bond or Bonds of like form and maturity and for a like aggregate principal sum.

A registered Bond without coupons, upon request of the registered owner, may be exchanged at the office of the Comptroller of the University for several such Bonds, of like form and maturity but of lesser authorized denominations, in the same name and for a like aggregate principal sum, and several registered Bonds, without coupons, in the same name, may, upon request of the registered owner, be exchanged at such office for one registered Bond without coupons or several such Bonds, of like form and maturity, but of greater authorized denominations and for the same aggregate principal sum.

Whenever any coupon Bonds in aggregate principal amount equal to one or more registered Bonds without coupons of authorized denominations, with all unmatured coupons thereto attached, shall be surrendered at such office for exchange for a registered Bond or Bonds without coupons, the University may, but shall not be required to, issue, in exchange for such coupon Bonds, registered Bonds, or one registered Bond, of authorized denominations without coupons, of the same maturity and for a like aggregate principal sum.

Whenever any registered Bond without coupons shall be surrendered for cancellation, accompanied by delivery of a written instrument of transfer duly executed by the registered owner of such Bond or his duly authorized attorney, at the office of the Comptroller of the University, for exchange for coupon Bonds, and whenever the University shall elect not to issue new registered Bonds without coupons upon presentation of any such fully registered Bond or Bonds for transfer the University shall issue, and, in exchange for such registered
Bond, shall deliver coupon Bonds for a like aggregate principal sum and like maturity, with coupons thereto attached representing interest from the interest payment date on which interest was last paid on such registered Bond without coupons.

As to all registered Bonds without coupons and all coupon Bonds registered as to principal, the person in whose name the same shall be registered shall be deemed and regarded as the owner thereof, for all purposes, and thereafter payment of or on account of the principal of such Bond, if it be a registered coupon Bond, and of the principal and interest, if it be a registered Bond without coupons, shall be made only to such registered owner thereof but such registration may be changed as above provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bonds to the extent of the sum or sums so paid. The University may deem and treat the bearer of any coupon Bond which shall not at the time be registered as to principal, and the bearer of any coupon for interest on such Bond, whether such Bond shall be registered or not, as the absolute owner of such Bond or coupon for the purpose of receiving payment thereof, and for all other purposes whatsoever, and the University shall not be affected by any notice to the contrary whether the Bond or coupon be overdue or not.

In every case of exchange or transfer of Bonds under this Section, the surrendered Bond or Bonds shall be presented to the University for cancellation.

Upon every such exchange of coupon Bonds for registered Bonds, without coupons, or of registered Bonds without coupons for coupon Bonds or for other registered Bonds without coupons, and upon any transfer of registered Bonds without coupons, the University, except as otherwise provided in any agreement between the University and any original purchaser of Bonds, may require the payment of such charge therefor as it may deem proper, not exceeding Two Dollars ($2.00) plus actual expenses incurred in connection therewith for each Bond issued upon such exchange, payment of which, together with any taxes or other governmental charges required to be paid with respect to such exchange or transfer, shall be made by the party requesting such exchange or transfer as a condition precedent thereto.

The University shall not be required to make exchanges or transfers of bonds as provided in this Section during a period of ten (10) days next preceding any interest payment date, or for the period of ten (10) days next preceding the first publication of notice of redemption of any Bond or at any time of any Bonds which have theretofore been duly called for redemption.

SECTION 2.09. Lost, Stolen, Destroyed or Mutilated Bonds. Upon the receipt by the University of evidence satisfactory to it of the loss, theft, destruction or mutilation of any outstanding Bond hereby secured, and of indemnity satisfactory to them, and upon surrender and cancellation of such Bond if mutilated, the University may execute and deliver, upon the lapse of such period of time as they may deem advisable, a new Bond of like tenor and maturity bearing the same or a different serial number, to be issued in lieu of such lost, stolen, destroyed or mutilated Bond. Such new Bond may bear such endorsement as may be prescribed by the University and which at the time is necessary to conform to the requirements of any securities exchange or of any governmental body having jurisdiction. The University may require the payment of a sum not exceeding Two Dollars ($2.00) for each new Bond issued under this Section and of the expenses which may be incurred by the University in the premises.

ARTICLE THREE
REDEMPTION OF BONDS

SECTION 3.01. Whenever the University shall determine to exercise its right to redeem any Bonds issued hereunder and by their terms subject to redemption, notice of such redemption shall be published by the University in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois. Any such published notice shall be deemed sufficiently given if it shall have been published at least once in each of two successive calendar weeks in such newspaper and if the first such publication shall have been made not less than 30 days nor more than 60 days prior to such redemption date. Such notice shall with substantial accuracy (a) designate the
time and place of such redemption; (b) if the Bonds to be redeemed are less than all of the Bonds of any series or maturity, designate the numbers, the maturity date or dates and the aggregate principal amount of such Bonds; and (c) state that on the designated date of redemption such Bonds will be redeemed by payment of the principal amount thereof (or for the portion thereof to be redeemed) and all unpaid interest accrued thereon to the date of redemption plus the applicable premium, if any, and that from and after such designated redemption date interest in respect of the Bonds (or portions thereof) so called for redemption shall cease. A copy of said notice shall be mailed by the University, postage prepaid, at least 30 days prior to the redemption date to all registered owners of Bonds so to be redeemed at their last addresses appearing on the registration books of the University, but such mailing shall not be a condition precedent to the validity of the redemption of any Bond.

In case of redemption of Bonds through the operation of any sinking fund or the Bond Retirement Account, Bonds shall be selected for redemption and such redemption shall likewise be made upon publication and/or mailing of notice in the manner and with the effect provided in this Article.

SECTION 3.02. In case the University shall have elected to redeem less than all of the outstanding Bonds of any series or maturity, or in case less than all the outstanding Bonds of any series or maturity shall be redeemed through the operation of any applicable thereto or of the Bond Retirement Account, the Bonds to be redeemed shall be selected by lot except as herein otherwise expressly provided. In each such instance the University shall, at least five days before the date upon which the first publication of the notice of redemption hereinbefore mentioned is required to be made (or the mailing of such notice in case no publication is required as hereinafter specified), draw by lot, from the outstanding Bonds of such series and maturity, in any manner deemed by it proper, the identifying numbers of the Bonds to be redeemed. In any such selection by lot each Bond of a denomination in excess of $1,000 shall be given a separate number for each $1,000 of the principal amount thereof.

In case any fully registered Bonds are to be redeemed in part only, said notice shall specify the respective portions of the principal amounts thereof to be redeemed (which shall be $1,000 or any multiple thereof) and shall state that payment of the redemption price shall be made only upon presentation of such fully registered Bonds (a) for the notation thereon of such payment on account of principal, or (b) for surrender in exchange for a coupon Bond or Bonds or a fully registered Bond or Bonds of the same series and maturity, of authorized denominations in aggregate principal amount equal to the unredeemed portion of the principal amount thereof; and in such case, if coupon Bonds or fully registered Bonds are so to be delivered in exchange, the University shall execute and deliver to or upon the written order of the registered owner of any fully registered Bonds, a portion only of which is to be redeemed, and at the expense of the University, a new Bond or Bonds of the same series and maturity for the principal amount of the surrendered fully registered Bond less the principal amount thereof paid on surrender.

In the event of the payment of a portion of the principal amount of any fully registered Bond registered in the name of any initial purchaser in whose name Bonds of that series were first registered, or registered in the name of any subsequent holder for the benefit of whom University shall elect that the provisions of this paragraph shall be applicable thereto (which election shall be subject to the condition that such subsequent holder shall first agree not to make any sale or transfer of any Bond or Bonds registered in its name without presentation of such Bond or Bonds for transfer and exchange), then in such event the University shall make payment to such Bond holder without requiring presentation of such Bond and, in lieu of notating such payment thereon or of delivering a new Bond or Bonds of an aggregate principal amount equal to the unredeemed portion of the principal amount of such Bond, the University shall, in its letter transmitting payment to such Bond holder, instruct such holder to endorse such payment on such Bond and a written representation from such holder to the University that such payment has been so endorsed shall be conclusive evidence of such endorsement and payment.

The foregoing is subject to the condition that if, at the close of business on the fortieth day prior to a redemption date on which the University shall elect
to redeem all or any part of the Bonds of any series or a redemption date on which less than all the outstanding Bonds of any series are to be redeemed through the operation of any sinking fund or the operation of the Bond Retirement Account, all of the outstanding Bonds of such series shall be coupon Bonds registered as to principal, or fully registered Bonds, then publication of notice of redemption as provided in Section 3.01 of this Article shall not be required, but notice of such redemption shall be mailed by the University by registered or certified mail, postage prepaid, not less than 30 days nor more than 60 days prior to such redemption date to the registered owners of all Bonds to be redeemed to their respective addresses as the same shall then appear on the said registration books.

The foregoing provisions are further subject to the following conditions:

(i) if all of the Bonds of any series or maturity then outstanding are registered in the names of not to exceed 15 owners, the Bonds of such series and maturity so to be redeemed shall not be selected by lot as above provided, but the aggregate principal amount of Bonds of such series and maturity to be redeemed shall be apportioned by the University pro rata, as nearly as practicable in amounts of $1,000 or any integral multiple thereof, among the registered owners of Bonds of such series and maturity of record, in the proportion that the aggregate principal amount of Bonds of such series and maturity held by each such registered owner bears to the aggregate principal amount of Bonds of such series and maturity then outstanding; and

(ii) if all the then outstanding Bonds of such series and maturity are not registered or are registered in the names of more than 15 owners, but one or more of the then outstanding Bonds of such series and maturity are then registered in the name of any of the initial holders in whose names such Bonds were first registered, the aggregate principal amount of Bonds to be redeemed shall be apportioned by the University pro rata, as nearly as practicable in amounts of $1,000 or any integral multiple thereof, between each such initial holder concerned and, collectively, all of the other then owners of such outstanding Bonds in the proportion that the aggregate principal amount of registered Bonds of such series and maturity held by each such initial holder concerned, and the aggregate principal amount held, collectively, by holders other than initial holders respectively bears to the aggregate principal amount of such Bonds then outstanding, provided that the amount so apportioned for redemption of such Bonds not registered in the name of any of the said initial holders shall be applied to the redemption of such of said Bonds of such series and maturity as are selected by lot in the manner above provided.

In all cases, the cost and expenses of preparation, publication, and mailing of said notice of redemption shall be paid by the University.

Section 3.03. Said notice having been given, as above provided, the Bonds designated for redemption shall, on the date specified in such notice, become due and payable, at the then applicable redemption price, and on or before the day preceding the date fixed for redemption the University shall deposit with the Sears Bank and Trust Company, or its successor in the City of Chicago, Illinois, as paying agent, the redemption price of the Bonds called for redemption and accrued interest thereon to the date fixed for redemption. Upon such deposit having been made and on presentation, if required, of such Bonds in accordance with such notice at the place at which the same are expressed in such notice to be redeemable, with all appertaining coupons, if any, maturing after said redemption date, such Bonds shall forthwith after the making of such deposit be paid by the paying agent, on behalf of the University, at such redemption price. Such payment of the redemption price shall be made to the bearer of any such Bonds, unless it shall then be registered, in which case such payment shall be made to the registered owner. All unpaid interest installments represented by coupons which shall have matured on or prior to the date of redemption specified in such notice, shall continue to be payable to the bearers, severally and respectively, and the redemption price payable to the holders of Bonds presented for redemption shall not include such unpaid installments of
interest unless coupons representing such installments shall be attached to the Bonds presented for redemption.

Section 3.04. If the amount necessary to redeem all of the Bonds called for redemption as aforesaid shall have been deposited with the paying agent, for the account of the holder or holders of such Bonds on or before the day preceding the date specified for such redemption, and the notice hereinbefore mentioned shall have been duly given, and all charges and expenses of the paying agent in connection with such redemption, or otherwise hereunder, shall have been fully paid or provided for, the University shall be privileged to consider such Bonds redeemed from the holder or holders thereof, and interest on such Bonds shall cease on the date specified for such redemption, and the University shall thereupon (subject to the provisions of Article Twelve hereof) be discharged from and after the redemption date specified in such notice from further liability in respect of the Bonds so called for redemption, and thereafter such Bonds shall not be entitled to any benefit of or from this Resolution. In case any question shall arise as to whether any such notice shall have been sufficiently given, or such redemption effected, such question shall be decided by the paying agent, and the decision of the paying agent shall be final and binding upon all parties in interest. No holder of any Bond shall be entitled to any interest on money deposited for the redemption of Bonds.

Section 3.05. All Bonds redeemed and paid, as provided in this Article Three, shall, together with all coupons appertaining thereto, if any, be cancelled by the University and no Bonds or coupons so redeemed shall be reissued, nor shall any Bonds or coupons be issued in lieu thereof.

Section 3.06. Pro Rata Redemption Among Series. In any case of the redemption at the option of the University of less than all of the outstanding Bonds then subject to redemption, no Bonds of any series may be redeemed unless the same proportion of the outstanding Bonds of each other series then subject to redemption are redeemed at the same time; provided, however, that in any case of the redemption of all of the outstanding Bonds of any one or more series, as a result of or in anticipation of the refunding or refinancing of one or more such series by the application of funds derived from other borrowings or the issuance of additional Bonds hereunder, no Bonds of any other series need be redeemed unless so required in the resolution supplemental hereto, creating or authorizing any additional series of Bonds. Nothing in this section shall be deemed to restrict the redemption by the University of a portion of the Bonds of any Series out of surplus funds remaining in a Construction Fund Account held for the account of Bonds of such series in any case where the University is required or permitted to redeem such Bonds out of such surplus funds.

Article Four
Issuance of Bonds

Section 4.01. Issuance of Series 1959 Bonds. Series 1959 Bonds in the principal amount of Seven Million Seven Hundred Fifty Thousand Dollars ($7,750,000) shall be executed on behalf of the Board of Trustees and delivered to or upon the written order of the Comptroller.

Section 4.02. Issuance of Additional Bonds. Subject to the conditions and limitations hereinafter set forth and provided the University shall not at the time be in default under any of the terms, covenants or provisions of this Resolution, additional Bonds of equal rank with the Series 1959 Bonds may be issued from time to time under the terms of this Resolution having such maturities, providing for the payment of such rates of interest and having such other characteristics as shall be determined by the Board of Trustees and set forth in a resolution to be supplemental hereto; provided such additional Bonds shall be issued only for one or more of the following purposes:

A. To provide funds necessary to pay the cost of completing the Project herein provided for in accordance with the plans and specifications now on file in the office of the Physical Plant Department, Administration Building, Urbana, Illinois, or

B. Paying the cost of equipping, enlarging or improving the Project;
provided further that the following conditions precedent are complied with at or prior to the time of issuance of such additional Bonds:

(i) In the event additional Bonds are issued for the purposes indicated in clause A above to provide additional funds necessary to pay the cost of completing the Project, the Architects employed by the University for the construction of said Project have submitted a certificate to the Board of Trustees setting forth an itemized statement of the work completed to the date of said certificate, the cost thereof and an itemized statement of the work yet to be completed and the estimated cost of the work to be completed and such certificate of estimate shall be presented to and approved by said Board of Trustees preceding the adoption of any resolution authorizing the issuance of additional Bonds for such purpose, and

(ii) In the event additional Bonds are issued for the purpose of paying the cost of equipping, enlarging or improving the Project as provided in clause B above, the Net Income Available for Debt Service shall be equal to or greater than one and twenty-five hundredths (1.25) times the maximum amount to become due in any succeeding fiscal year prior to June 30, 1984, for the purpose of making Fixed Sinking Fund payments and interest payments on the Bonds then outstanding hereunder and the Bonds then to be issued, less any Bonds which are to be redeemed or retired with the proceeds of such additional Bonds or concurrently with issuance thereof.

All such additional Bonds shall be issued pursuant to a resolution supplemental hereto, duly adopted by the Board of Trustees, setting forth the form of such additional Bonds and the terms and conditions applicable thereto. Any additional Bonds issued in accordance with this Section shall mature not earlier than October 1, 1984, except that provisions may be made for a fixed sinking fund for the benefit of such additional Bonds having the effect of amortizing such additional Bonds over a period not shorter than the remaining life of any of the then outstanding Bonds. For the purpose of this Section any computation of Net Income Available for Debt Service prepared by the Controller, setting forth in detail the computation thereof and demonstrating that it is equal to or greater than the amount required above shall be binding and conclusive upon the Board of Trustees and the holders of all Bonds then outstanding hereunder and then to be issued.

ARTICLE FIVE

PROVISIONS RELATING TO INCOME AND APPLICATION THEREOF

SECTION 5.01. Assembly Hall Revenue Bond Fund. All revenues derived from the following sources are hereby pledged and shall be held in trust for the benefit of the Bond holders for the purpose of making the payments or deposits required to be made under subsections (a), (b) and (c) of Section 5.02 of this Resolution:

(1) the operation of the Project,
(2) the operation of any other revenue producing facilities for the account of which additional Bonds may hereafter be issued; and
(3) student service charges;

and such revenues shall be deposited as collected in a general banking account of the University to the credit of a special fund which is hereby created and designated as the “Assembly Hall Revenue Bond Fund” said account to be maintained in a bank which is a member of the Federal Deposit Insurance Corporation and the Board of Trustees covenants that all revenues, income, receipts, profits, rates, rents or charges derived from the operation of such facilities shall be so credited within three working days after receipt in the Assembly Hall Revenue Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. Disposition of Assembly Hall Revenue Bond Fund. The funds in the Assembly Hall Revenue Bond Fund shall be used in the manner and in the order hereinafter mentioned:

(a) All current operating expenses shall first be paid from the Assembly Hall Revenue Bond Fund.
(b) There are hereby created an Interest Account, Interest Reserve Account, a Fixed Sinking Fund Account and a Bond Retirement Account
each of which accounts shall be maintained with Sears Bank and Trust Company or its successor in the City of Chicago, Illinois, which bank is hereby designated as the depository for said accounts and into which there shall be deposited in the manner and in the order hereinafter mentioned, monies held in the Assembly Hall Revenue Bond Fund after first complying with the provisions of subsection (a) above, in accordance with the following provisions:

(i) There shall be deposited to the credit of the Interest Account, semiannually not later than ten days prior to April 1 and October 1 of each year, funds which, together with any funds then on deposit in said account, will be sufficient to pay the interest becoming due on the next ensuing interest payment date and such funds shall be used for the payment of said interest.

(ii) There shall be deposited to the credit of the Interest Reserve Account semiannually within sixty days following June 30 and December 31 of each year all funds remaining in the Assembly Hall Revenue Bond Fund until such time and until such funds and investments (valued at the lower of cost or market) and the income and profit realized from any investment thereof are at least equal to all interest due and to become due on all then outstanding bonds for the succeeding twenty-four month period. Said funds shall be held and used only for the payment of interest due on said bonds by transferring said funds to the Interest Account at any time when there are no other funds available to pay interest then due on said Bonds, and to the extent necessary, funds to the credit of the Interest Reserve Account shall be transferred to the credit of the Interest Account for payment of interest, and if at any time by reason of such transfer, said Interest Reserve Account is reduced below an amount equal to the interest due and to become due on all then outstanding Bonds for the next succeeding twenty-four month period, funds shall again be deposited to the credit of said Interest Reserve Account from the Assembly Hall Revenue Bond Fund in the manner hereinafter provided until said Interest Reserve Account contains an amount equal to all interest due and to become due on all then outstanding Bonds for the next succeeding twenty-four month period. The funds of said Interest Reserve Account may be invested in United States Government Securities maturing not more than three (3) years after the date of purchase. If, at any time and from time to time, said funds on deposit in the Interest Reserve Account shall exceed an amount equal to all interest due and to become due on all then outstanding Bonds for the next succeeding twenty-four month period, the excess, if any, may at the option of the University, be transferred to the Interest Account in anticipation of interest to become due on the Bonds on succeeding interest payment dates.

(iii) After complying with the provisions of subsections (i) and (ii) above there shall be deposited to the credit of the Fixed Sinking Fund Account such amount as shall be necessary to meet the Fixed Sinking Fund payments required to be made by Article Eight during the next succeeding twelve (12) month period.

(iv) Annually within sixty (60) days following June 30, 1966 and June 30 of each year thereafter there shall be credited to the Bond Retirement Account an amount equal to the greater of (1) 12½% of the sum of (x) the Fixed Sinking Fund Payment required to be made on the next ensuing October 1 pursuant to Article Eight hereof plus (y) the interest paid or accrued on all Bonds outstanding during the 12 months period preceding such June 30 or (2) fifty per cent (50%) of all funds credited to the Assembly Hall Revenue Bond Fund during the preceding fiscal year after deduction for all amounts withdrawn from said Fund pursuant to subsection (a) above and clauses (i), (ii) and (iii) of this subsection (b). Funds so credited to the Bond Retirement Account shall be used for the redemption of Bonds in accordance with the provisions of Article Nine hereof.

(c) All funds remaining in said Assembly Hall Revenue Bond Fund
in any fiscal year in excess of the amount needed to satisfy the next succeeded Fixed Sinking Fund Payment and after all provisions in subsections (a) and (b) of this section have been met and all deficiencies have been made up, shall be deemed surplus moneys and shall be used for any of the following purposes: (1) for calling and redeeming the outstanding Bonds, which by their terms are redeemable prior to maturity; (2) for purchasing Bonds in the open market, with all unmatured interest coupon thereto attached at the lowest prices reasonably attainable, but not exceeding the amount at which such Bonds at the time are redeemable at the option of the University; (3) for investment by the comptroller in United States Government securities until such time as funds are needed for other purposes; (4) for unusual or extraordinary repairs, replacements or improvements to the facilities, for which no funds can be properly provided in subsection (a) hereinafore; and (5) for any lawful purpose as the Board of Trustees may direct.

SECTION 5.03. Supplementation of Revenues. It is hereby determined by the Board of Trustees, and it is hereby covenanted that it is necessary to supplement revenues to be derived from the facilities, referred to in this Resolution, by the use of University income which is authorized by law to be retained in the Treasury of the University, and it is hereby further covenanted that if at the close of any fiscal year there is a deficiency in the Assembly Hall Revenue Bond Fund to provide for operating expenses of the facilities and/or making the deposits in the Interest Account, the Interest Reserve Account, the Fixed Sinking Fund Account and the Bond Retirement Account provided for in Section 5.02 of this Resolution in the required amounts, the Board of Trustees shall within sixty (60) days after the close of the fiscal year deposit to the credit of the said Assembly Hall Revenue Bond Fund out of University income authorized by law to be retained in the Treasury of the University, a sum sufficient to make up such deficiency in order to meet the annual cost of maintenance and operation of the facilities, and provide for all the accounts and covenants provided for by this Resolution or any resolution supplemental hereto, but such amount shall not, however, exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Interest Account, Interest Reserve Account, the Fixed Sinking Fund Account and the Bond Retirement Account established for the benefit of the Bonds in subsection (b) of Section 5.02 hereof or (b) $200,000, plus such additional sums as may be specified in any resolution supplemental hereto creating or authorizing the issuance of additional Bonds.

ARTICLE SIX
APPLICATION OF PROCEEDS OF SALE OF BONDS

SECTION 6.01. Custody and Application of Bond Proceeds. The proceeds from the sale of Bonds to be issued from time to time hereunder shall be applied only toward the cost of acquiring, constructing, equipping, enlarging, or improving facilities, all as hereinbefore provided. When received, the part of the purchase price of Bonds representing the interest accrued on Bonds to the date of payment of such purchase price shall be deposited in the Interest Reserve Account, together with such portion of the proceeds of the Bonds as is determined by the Board of Trustees to be necessary to so set apart representing interest to become due on such Bonds prior to the time the facilities for the account of which such Bonds have been issued become revenue producing and funds become available therefrom. The remaining part of such purchase price shall be retained by the University and accounted for as a separate fund or funds for each project to be known as a “Construction Fund Account” for such project and such moneys shall be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation. The moneys in each Construction Fund Account shall be applied only toward the cost of construction in the manner and subject to the terms provided in any contract or agreement between the Board of Trustees and any purchaser of Bonds or as may be provided by a resolution supplemental hereto and relating to each separate series of Bonds to be issued hereunder, but in such a manner as to assure completion of the project
or improvement for the account of which such Bonds were issued free and clear of mechanic’s liens and substantially in accordance with the plans and specifications therefor.

SECTION 6.02. Investment of Construction Fund. Pending disbursement for the purpose aforesaid the Comptroller may from time to time invest all or any part of the moneys in the Construction Fund Account not to be needed within the next succeeding thirty (30) days for the purposes hereinabove set forth in bonds, or other direct and general obligations of the United States of America having a maturity date or becoming due at the option of the holder not more than three (3) years subsequent to the date of investment therein. Interest accruing as a result of any such investments when received shall be credited to the Construction Fund Account.

SECTION 6.03. Disposition of Surplus Funds. After completion of each construction or improvement project, the Comptroller of the University shall execute a certificate to the effect that said project has been fully completed according to the plans and specifications and the same filed in the office of the Secretary of the Board of Trustees. Subject to the terms and provisions of any contract or agreement between the Board of Trustees and any original purchaser of Bonds and relating to any separate series of Bonds to be issued hereunder, if there be funds remaining in a Construction Fund Account at the time of the filing of such certificate with the Secretary, said funds shall be withdrawn by the Comptroller and deposited in the Assembly Hall Revenue Bond Fund. Any contract or agreement between the Board of Trustees and any original purchaser of Bonds may provide that any funds remaining in a Construction Fund Account established for the account of any series of Bonds being acquired by such purchaser be applied to (i) the redemption of such Bonds or other Bonds then subject to redemption, (ii) the purchase of Bonds on the open market, or (iii) the construction of additional facilities by the transfer of such funds to another Construction Fund Account.

ARTICLE SEVEN
ADDITIONAL COVENANTS OF THE UNIVERSITY

The Board of Trustees of the University of Illinois hereby covenants and agrees as follows:

SECTION 7.01. Authority for Bonds. That it hereby warrants that it has a valid and existing right to the use and occupancy of the Project Site and the right to construct, equip, operate, enlarge, improve, maintain, control and manage the Project, and it, or the State of Illinois, has indefeasible title in fee simple to the Project Site subject only to current taxes not in default; that it will not further encumber said property or the income therefrom which if unpaid might by law become liens upon the facilities or the sites thereof.

SECTION 7.02. Right to Use and Occupancy of the Facilities and Not to Encumber Same. That it hereby warrants that it has a valid and existing right to the use and occupancy of the Project Site and the right to construct, equip, operate, enlarge, improve, maintain, control and manage the Project and it, or the State of Illinois, has indefeasible title in fee simple to the Project Site subject only to current taxes not in default; that it will not further encumber said property or the income therefrom and that it will not, while any Bonds are outstanding hereunder encumber the title to or pledge or agree to pay to others the income from any of the said facilities; that it will within three months after the same shall accrue pay and discharge or cause to be paid and discharged, all lawful claims and demands of mechanics, laborers and others which if unpaid might by law become liens upon the facilities or the sites thereof.

SECTION 7.03. To Pay Principal and Interest. That it will duly and punctually pay or cause to be paid the principal sum and the interest accruing on said principal, on each and every one of the Bonds secured or to be secured hereby,
at the dates and places, and in the manner provided in said Bonds, and in the
coupons thereunto appertaining, according to the terms thereof.

SECTION 7.04. Taxes. That it will pay and discharge all taxes, assessments
and Governmental charges which shall be lawfully imposed upon the facilities
provided, however, that the University shall not be required to pay any such
tax, assessment, charge or claim so long as the University in good faith and
by appropriate legal proceedings shall contest the validity thereof or its enforce-
ability as a lien, and provided further that any such delay occasioned thereby
shall not subject the facilities or any part thereof to forfeiture or sale.

SECTION 7.05. Payment of Bondholders’ Costs and Expenses. That it will
pay all and singular the costs, charges and expenses including reasonable attorney
fees incurred or paid at any time by the holder of any of the Bonds because
of the failure on the part of the University to perform, comply with and abide
by each and every of the stipulations, agreements, conditions and covenants
of the Bonds and this Resolution, or either of them.

SECTION 7.06. Construction of New Facilities, Maintenance, Repairs, Applica-
tion of Income, Operation of Additional Facilities. That following the issuance
of each series of Bonds under this Resolution it will cause the facilities for the
account of which such Bonds were issued to be constructed with all reasonable
dispatch; that it will at all time from income made available for such purpose
maintain, preserve and keep all the facilities and all additions and betterments
thereof and every part and parcel thereof in good repair, working order and oper-
ating condition; that it will continuously operate the facilities on a revenue
producing basis; and that it will use and apply the income from the facilities
only as provided in Article Five of this Resolution.

SECTION 7.07. Student Service Charges and Rental Rates. That so long as
any Bonds herein authorized to be issued shall remain outstanding it will con-
tinuously operate and maintain the facilities, will adopt such rules and regulations
and fix and maintain such student service charges, rates, rents, fees, and charges
for the use of said facilities, as will assure maximum use of the facilities and
will provide revenue sufficient (when supplemented to the extent set forth in
Section 5.03) to pay the reasonable cost of operating and maintaining the facili-
ties, and to provide Net Income Available for Debt Service of not less than one
and twenty-five one hundredths (1.25) times the fixed annual debt service for
the then current fiscal year and maintain the aforesaid Interest Account, Interest
Reserve Account, Fixed Sinking Fund Account, and the Bond Retirement Ac-
count, and that it will collect and account for and apply the aforesaid income
and revenues in accordance with and as provided by this Resolution.

Student service charges for the use of the Project shall initially be charged
at the rate of sixteen dollars ($16) per student per semester beginning with the
semester following the date of substantial completion of the Project.

SECTION 7.08. Record Keeping. That it will, so long as any of the Bonds
issued hereunder remain outstanding and unpaid, keep proper and separate books
of accounts and records in which full, true and correct entries will be made of
all dealings and transactions relating to the properties, business and financial
affairs of the University as related to the facilities and such records and books
shall be open to inspection by the Bond holders and their agents or representa-
tives.

SECTION 7.09. Audit Reports and Furnishing of Same. That it will on or
before one hundred fifty (150) days after the end of each fiscal year com-
encing with the fiscal year ending June 30, 1960 furnish upon written request
therefor, to the holder or holders of any Bonds, certified reports of audit based
on an examination sufficiently complete to comply with generally accepted auditing
standards, prepared by an independent public accountant or firm of independent
public accountants, covering the operations of the facilities for the fiscal year
next preceding, and showing the income and expenses for such period. Such
audit report shall include a statement in reasonable detail of income from each
separate facility and shall show the student enrollment of the University and the
schedule of student service charges. Such audit report shall also include state-
ments of the status of each fund or account established under the terms of
Article Five hereof showing the amount and source of the deposits therein, the
amount and purpose of the withdrawals therefrom and the balance therein at the
beginning and end of the fiscal year. There will also be included with each audit report a written opinion of the accountant that in making the examination necessary to said audit no knowledge of any default by the University in the fulfillment of any of the terms, covenants, provisions and conditions of this Resolution was obtained, or, if such accountant shall have obtained knowledge of such default a statement of the default or defaults thus discovered and the nature thereof.

Section 7.10. Fire and Extended Coverage Insurance. That as long as any of said Bonds authorized to be issued hereunder shall remain outstanding and unpaid, either as to principal or interest, or both, it will maintain insurance on said facilities, including all equipment thereof, against loss or damage by fire and windstorm and all other risks included in extended coverage insurance in amounts sufficient to provide for not less than full recovery of the insurable value whenever the loss from causes covered by such insurance does not exceed eighty per cent (80%) of the full insurable value of said buildings. Such insurance policy or policies shall be payable to The Board of Trustees of the University of Illinois, and all moneys collected on account of loss or damage covered by any such policy or policies of insurance shall be held in trust by the Board of Trustees and shall be used only for restoration of the property so damaged or, at the election of the Board of Trustees, deposited for credit to the Bond Retirement Account.

ARTICLE EIGHT

Fixed Sinking Fund for Series 1959 Bonds

Section 8.01. The University covenants that so long as any of the Series 1959 Bonds shall remain outstanding it will pay or cause to be paid out of funds in the Fixed Sinking Fund Account as and for a sinking fund to be used for the retirement of the Series 1959 Bonds, the sum in cash on October 1 of each of the years 1967 through 1982, both inclusive (October 1 of each of said years being hereinafter referred to as “sinking fund payment dates”) as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1967</td>
<td>$135,000</td>
</tr>
<tr>
<td>1968</td>
<td>195,000</td>
</tr>
<tr>
<td>1969</td>
<td>250,000</td>
</tr>
<tr>
<td>1970</td>
<td>320,000</td>
</tr>
<tr>
<td>1971</td>
<td>340,000</td>
</tr>
<tr>
<td>1972</td>
<td>360,000</td>
</tr>
<tr>
<td>1973</td>
<td>385,000</td>
</tr>
<tr>
<td>1974</td>
<td>410,000</td>
</tr>
<tr>
<td>1975</td>
<td>430,000</td>
</tr>
<tr>
<td>1976</td>
<td>460,000</td>
</tr>
<tr>
<td>1977</td>
<td>485,000</td>
</tr>
<tr>
<td>1978</td>
<td>510,000</td>
</tr>
<tr>
<td>1979</td>
<td>540,000</td>
</tr>
<tr>
<td>1980</td>
<td>575,000</td>
</tr>
<tr>
<td>1981</td>
<td>605,000</td>
</tr>
<tr>
<td>1982</td>
<td>635,000</td>
</tr>
</tbody>
</table>

Section 8.02. All amounts so paid as and for the sinking fund shall be applied to the redemption of outstanding Series 1959 Bonds in the manner and upon the terms and conditions specified in Article Three hereof at a redemption price equal to the principal amount of the Series 1959 Bonds so redeemed, plus accrued interest thereon to the date of redemption and without premium. The University covenants that it will publish and/or mail notices as required by Article Three not less than thirty (30) days prior to each sinking fund payment date so that the Series 1959 Bonds to be redeemed through the operation of said sinking fund will be redeemed on each of said sinking fund payment dates.

Section 8.03. It is the intention hereof that the sinking fund payments made under Section 8.01 shall be applied to the redemption of the Series 1959 Bonds in principal amount equal to such payments and that no part of such payment shall be used for the payment of interest or any expenses of such redemption. Accordingly the University covenants to pay from the Interest
Account or the Interest Reserve Account simultaneously with or prior to each sinking fund payment a further sum equal to the unpaid interest to the designated redemption date on the Series 1959 Bonds to be redeemed and all expenses of redemption of the Bonds through the sinking fund shall be paid by the University from the Assembly Hall Revenue Bond Fund and shall not be charged against the moneys in the Fixed Sinking Fund Account.

ARTICLE NINE
DISPOSITION OF BOND RETIREMENT ACCOUNT

SECTION 9.01. The University covenants that so long as any Bonds shall remain outstanding it will on October 1, 1966 and on October 1 of each year thereafter apply all funds on deposit in the Bond Retirement Fund to the redemption of outstanding Bonds in the manner and upon the terms and conditions specified in Article Three hereof at a redemption price equal to the principal amount of the Bonds so redeemed plus accrued interest thereon to the date of redemption, together with a premium in the case of the Series 1959 Bonds equal to the following percentages of such principal amounts if redeemed during the following periods respectively:

<table>
<thead>
<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1, 1966 through October 1, 1969</td>
<td>23/2%</td>
</tr>
<tr>
<td>October 1, 1970 through October 1, 1973</td>
<td>2%</td>
</tr>
<tr>
<td>October 1, 1974 through October 1, 1977</td>
<td>13/2%</td>
</tr>
<tr>
<td>October 1, 1978 through October 1, 1981</td>
<td>1%</td>
</tr>
<tr>
<td>October 1, 1982 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>

With respect to any series of Bonds, other than the Series 1959 Bonds, the applicable premium, if any, shall be set forth in the resolution supplemental hereto creating or authorizing the issuance of such additional series of Bonds.

SECTION 9.02. The University covenants that it will publish and/or mail notices as required by Article Three not less than thirty (30) days prior to October 1 of each of the years in which Bonds are to be redeemed out of funds on deposit in the Bond Retirement Fund so that the Bonds so to be redeemed will be redeemed on October 1 of said years.

SECTION 9.03. It is the intention hereof that payments to be made pursuant to this Article Nine shall be applied to the redemption of Bonds in principal amount plus the premium, if any, equal to such payments and no part of such payment shall be used for the payment of interest or any expenses of such redemption. Accordingly, the University covenants to pay simultaneously with each redemption out of funds in the Bond Retirement Account a further sum equal to the unpaid interest to the designated redemption date on the Bonds so to be redeemed from funds on deposit in the Bond Retirement Account and all expenses of redemption of the Bonds pursuant to this Article Nine shall be paid by the University from the Assembly Hall Revenue Bond Fund and shall not be charged against the moneys on deposit in the Bond Retirement Account and required to be applied to the redemption of Bonds pursuant to the provisions hereof.

ARTICLE TEN
EVENTS OF DEFAULT

SECTION 10.01. Events of Default. The University shall be in default herein if one or more of the following events (herein called "events of default") shall happen, to-wit:

(a) Failure to make due and punctual payment of the principal of or any redemption premium on any Bond when and as the same shall become due and payable;

(b) Failure to make due and punctual payment of any installment of interest on any Bond when and as such interest installment shall become due and payable, and such default shall have continued for a period of thirty (30) days;

(c) Failure to make due and punctual payment or satisfaction of any payment into the Interest Reserve Account, the Fixed Sinking Fund Account
or the Bond Retirement Account when and as such payments shall become due and payable as in this Resolution or any resolution supplemental hereto expressed and such default shall have continued for a period of two hundred seventy (270) days;

(d) If the University shall default in the observance of any other covenants, agreements or conditions on its part in this Resolution or any resolution supplemental hereto or in the Bonds contained, and such default shall have continued for a period of ninety (90) days after notice thereof given to the University by the holder of any Bond setting forth the nature of such default.

If an event of default shall happen and be continuing, then and in each and every such case the holders of not less than a majority in aggregate principal amount of the Bonds at the time outstanding shall be entitled, upon notice in writing to the University, to declare the principal of all of the Bonds then outstanding hereunder and the interest accrued thereon to be due and payable immediately, and upon any such declaration the same shall become and shall be immediately due and payable, anything in this Resolution or in the Bonds contained to the contrary notwithstanding.

All of the revenues of the facilities including all sums in the Assembly Hall Revenue Bond Fund upon the date of the happening of any event of default and all revenues of the facilities thereafter received by the University, shall be applied by the University in the order following upon presentation of the several Bonds and coupons, and the stamping thereon of the payment if only partially paid, or upon the surrender thereof if fully paid:

First, to the payment of the costs and expenses of the holders of the Bonds in declaring such event of default, including reasonable compensation to their agents, attorneys and counsel;

Second, in case the principal of the Bonds shall not have become due and shall not then be due and payable, to the payment of the interest in default in the order of the maturity of the installments of such interest, with interest on the overdue installments at the rate now or hereafter provided by law, such payments to be made ratably to the persons entitled thereto without preference or priority;

Third, in case the principal of the Bonds shall have become due and shall be then due and payable, to the payment of the whole amount then owing and unpaid upon the Bonds for principal and interest, with interest on the overdue principal at the rate or rates of interest specified in the Bonds and on installments of interest at the rate now or hereafter provided by law, and in case such moneys shall be insufficient to pay in full the whole amount so owing and unpaid upon the Bonds, then to the payment of such principal and interest without preference or priority of principal over interest, or of interest over principal, or of any installment of interest over any other installment of interest, ratably to the aggregate of such principal and interest.

SECTION 10.02. Rights of Holders of Bonds Upon Default. Subject to any contractual limitations binding upon the holders of any of the Bonds (including any other limitations herein upon the exercise of any remedy to holders holding a specific proportion or percentage of the Bonds), any holder of Bonds shall have the right, for the equal benefit and protection of all holders of Bonds similarly situated:

(a) By suit at law or proceedings in equity to compel observance by the University or by any of its officers, agents, and employees of any contract or covenant made by the University with the holders of bonds and coupons as provided in this Resolution, and to compel the University and any of its officers, agents and employees, to perform any duties required to be performed for the benefit of the holders of the Bonds or coupons as provided by this Resolution, and to enjoin the University and any of its officers, agents or employees from taking any action in conflict with any contract or covenant with the holders of the Bonds and coupons as provided by this Resolution;

(b) By action or suit in equity to require the University to account as if it were the trustee of an express trust; or
(c) By action or suit in equity to enjoin any acts or things which may be unlawful or in violation of the rights of the holders of Bonds.

No remedy conferred hereby upon any holder of Bonds is intended to be exclusive of any other remedy, but each such remedy is cumulative and in addition to every other remedy and may be exercised without exhausting and without regard to any other remedy conferred hereby. No waiver of any default or breach of duty or contract by the holder of any Bond shall extend to or shall affect any subsequent defaults or breach of duty or contract or shall impair any rights or remedies thereon. No delay or omission of the holder of any Bond to exercise any right or power accruing upon any default shall impair any such right or power or shall be construed to be a waiver of any such default or acquiescence therein. Every substantive right and every remedy conferred upon the holders of Bonds may be enforced and exercised from time to time and as often as may be deemed expedient. In case any suit, action or proceeding to enforce any right or exercise any remedy shall be brought or taken and then discontinued or abandoned, or shall be determined adversely to the holders of Bonds, then, and in every such case, the University and the holders of Bonds shall be restored to their former positions and rights and remedies as if no such suit, action or proceeding had been brought or taken.

ARTICLE ELEVEN
MODIFICATION AND AMENDMENT OF THE RESOLUTION

SECTION 11.01. Amendment by Consent of Bond Holders. This Resolution and the rights and obligations of the University and of the holders of the Bonds and coupons may be modified or amended at any time by resolution supplemental hereto adopted by the Board of Trustees pursuant to the affirmative vote of the holders of sixty-six and two-thirds per cent (66 2/3%) in principal amount of all of the Bonds then outstanding at a meeting of Bond holders held in accordance with this Article, or with the written consent without a meeting, given as provided in Section 11.04, of the holders of sixty-six and two-thirds per cent (66 2/3%) in principal amount of all of the Bonds then outstanding; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on, or otherwise alter or impair the obligation of the University to pay the principal or interest or redemption premiums at the time and place and at the rate and in the currency provided therein of any Bond without the express consent of the holder of such Bond, or (ii) permit the creation by the University of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held hereunder, except as permitted by this Resolution, other than the lien and pledge created by this Resolution, or (iii) permit the creation of a preference or priority of any Bond or Bonds over any other Bond or Bonds or coupon or coupons, or (iv) reduce the percentages of Bonds required for the affirmative vote or written consent to an amendment or modification, without the written consent of holders of all Bonds.

SECTION 11.02. Bond Holders Meetings. The University may at any time call a meeting of the holders of Bonds. Every such meeting shall be held at such place in the City of Chicago, State of Illinois, as may be specified in the notice calling such meeting. Written notice of such meeting, stating the place and time of the meeting and in general terms the business to be submitted, shall be given by the University to the holders of all Bonds outstanding hereunder by registered or certified mail, postage prepaid, not less than thirty (30) nor more than sixty (60) days before such meeting, to each registered owner of Bonds then outstanding, at his address, appearing upon the books of registration, and in the event there shall then be outstanding any coupon Bonds which shall not be registered as to principal such notice shall also be published by the University at least once a week for two (2) successive weeks in a daily newspaper published in the English language and having a general circulation in the City of Chicago, State of Illinois, the first publication to be not less than thirty (30) nor more than sixty (60) days prior to the meeting; provided, however, that in any case where publication shall be required as herein before set forth the mailing of such notice shall in no case be a condition precedent to the validity of any action taken at any such meeting.
SECTION 11.03. Attendance in Person or by Proxy. Attendance and voting by Bond holders at such meeting may be in person or by proxy. Owners of Registered Bonds may, by an instrument in writing under their hands, appoint any person as their proxy to vote at any meeting for them.

In order that holders of Bonds payable to bearer or their proxies may attend and vote without producing their Bonds, the University may make and from time to time vary such regulations as it shall think proper for the deposit of Bonds with, or exhibit of Bonds to, any banks or trust companies wherever situated, and for the issue by them, to the persons depositing or exhibiting such Bonds, of certificates in form approved by the University which shall constitute proof of ownership entitling the holders thereof to be present and vote at any such meeting and to appoint proxies to represent them and vote for them at any such meeting in the same way as if the persons so present and voting, either personally or by proxy, were the actual bearers of the Bonds in respect of which such certificates shall have been issued, and any regulations so made shall be binding and effective. Copies of such regulations shall be kept on file in the offices of the paying agent in Chicago, Illinois, and the Secretary of the University.

Any registered owner of Bonds or any holder of a certificate provided for in this Section 11.03 shall be entitled in person or by proxy to attend and vote at such meeting as holder of the Bonds registered or certified in his name, without producing such Bonds. All others seeking to attend or vote at such meeting in person or by proxy must produce the Bonds claimed to be owned or represented at such meeting, and all persons seeking to attend or vote at such meeting in person or by proxy shall, if required, produce such further proof of Bond ownership or personal identity as shall be satisfactory to the University. All proxies presented at any meeting shall be delivered to the inspectors of votes and filed with the University.

SECTION 11.04. Amendments by Written Consent of Bond Holders. The University may at any time adopt a valid resolution amending the provisions of the Bonds or of this Resolution or of any resolution supplemental hereto, to the extent that such an amendment is permitted by the provisions of Section 11.01, to take effect when and as provided in this Section. A copy of such resolution, together with a request of the University to Bond holders for their consent thereto, shall be mailed by the University to each registered owner of Bonds and notice of the adoption thereof shall be published in the manner provided in Section 11.02 for the mailing and publication referred to in that Section (but failure to mail copies of such resolution and request shall not affect the validity of the resolution when assented to as in this Section provided). Such resolution shall not be effective unless and until there shall have been filed with the University the written consents of the percentage of holders of outstanding Bonds specified in Section 11.01. Each such consent shall be effective only if accompanied by proof of ownership of the Bonds for which such consent is given, which proof shall be such as is permitted by Section 11.03. Any such consent shall be binding upon the holder of the Bonds giving such consent and on any subsequent holder of such Bonds (whether or not such subsequent holder has notice thereof).

SECTION 11.05. Supplemental Resolutions or Amendments Without Consent of Bond Holders. The Board of Trustees may from time to time and at any time, subject to the conditions and restrictions in this Resolution contained, but without requiring the consent of the holders of any of the Bonds, adopt a resolution or resolutions supplemental hereto, which shall thereafter form a part hereof for any one or more or all of the following purposes:

(a) To add to the covenants and agreements of the University in this Resolution contained, other covenants and agreements thereafter to be observed and/or to surrender any right or power herein reserved to or conferred upon the Board of Trustees;

(b) To clarify any ambiguity or to clarify, correct or supplement, any defect or inconsistent provision contained in this Resolution or any resolution supplemental hereto; and

(c) To provide for the issuance of additional Bonds hereunder upon the terms and conditions in this Resolution specified.
SECTION 11.06. Endorsement of Bonds. Bonds delivered after the effective date of any action taken as provided in this Article Eleven may bear a notation by endorsement or otherwise in form approved by the University as to such action, and in that case upon demand of the holder of any Bond outstanding at such effective date and presentation of his Bond for the purpose at the office of the Comptroller of the University a suitable notation shall be made on such Bond by the University as to any such action. If the University shall so determine, new Bonds so modified as to conform to such action shall be prepared, authenticated and delivered, and upon demand of the holder of any Bond then outstanding shall be exchanged at the office of the Comptroller of the University, without cost to any Bondholder, for Bonds then outstanding, upon surrender of such Bonds with all unmatured coupons, if any, appertaining thereto.

SECTION 11.07. Exclusion of Bonds. Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of any vote or consent or any calculation of outstanding Bonds in this Article provided for, and shall not be entitled to vote or consent or take any other action in this Article provided for.

ARTICLE TWELVE
MISCELLANEOUS

SECTION 12.01. Benefits of Bond Holders Limited to Parties. Nothing in this Resolution, expressed or implied, is intended or shall be construed to confer upon, or to give to, any person, firm or corporation other than the University and the holders of the Bonds and of the coupons outstanding, any right, remedy or claim under or by reason of this Resolution, and any covenants, stipulations, promises and agreements in this Resolution contained by and on behalf of the University shall be for the sole and exclusive benefit of the University and of the holders of Bonds and of the coupons outstanding.

SECTION 12.02. Successor Is Deemed Included in All References to Predecessor. Whenever in this Resolution or any resolution supplemental hereto either the University or the paying agent is named or referred to, such reference shall be deemed to include the successors or assigns thereof, and all the covenants and agreements in this Resolution contained by or on behalf of the University shall bind and inure to the benefit of the respective successors and assigns thereof whether so expressed or not.

SECTION 12.03. Discharge of Resolution. If all of the outstanding Bonds shall have matured, or shall have been duly called for redemption and the redemption date thereof shall have arrived, and if the University shall have deposited with the paying agent in trust, funds pursuant to this Resolution sufficient to pay and available for the payment of all amounts due on all Bonds then outstanding, including all principal, interest and redemption premiums, if any, and provision shall also be made for paying all other sums payable hereunder by the University, then, notwithstanding that any Bonds or interest coupons shall not have been surrendered for payment, the pledge of the income provided for in this Resolution and all other obligations of the University under this Resolution shall cease and terminate except as hereinafter in the next succeeding paragraph provided.

Any such funds held by the paying agent which have not been disbursed in the payment of Bonds and interest as aforesaid during the period of ten (10) years after the deposit referred to in the foregoing paragraph, shall be repaid to the University by the paying agent on written request of the University together with the schedule of the Bonds not paid or redeemed and thereupon the holder of any of the Bonds or coupons entitled to receive such payments, shall thereafter look only to the University for the payment thereof; provided, however, that the paying agent before being required to make such repayment, shall at the expense of the University, effect publication once a week for two successive weeks in a daily newspaper published in the English language, and having a general circulation in the City of Chicago, State of Illinois, a notice to the effect that said moneys have not been so applied and that after a date named in said notice, any unclaimed balance of said moneys then remaining will be refunded to the University.

No Bond or appurtenant coupon shall, after maturity thereof either accord-
ing to its terms or through call of such Bond for earlier redemption, be deemed to be outstanding provided that moneys in the requisite amount for the payment thereof shall have been deposited with the paying agent, as trust funds, and are available for payments of such Bond or coupon upon demand.

Section 12.04. Execution of Documents by Bond Holders. Any request, declaration or other instrument which this Resolution may require or permit to be signed and executed by Bond holders may be in one or more instruments of similar tenor, and shall be signed or executed by Bond holders in person or by their attorneys-in-fact appointed in writing.

Except as otherwise herein expressly provided, the fact and date of the execution by any Bond holder or his attorney-in-fact of such request, declaration or other instrument or writing appointing such attorney-in-fact may be proved by the certificate of any notary public or other officer authorized to take acknowledgments of deeds to be recorded in the State in which he purports to act, that the person signing such request, declaration or other instrument or writing acknowledged to him the execution thereof, or by an affidavit of a witness of such execution, duly sworn to before such notary public or other officer.

Except as otherwise herein expressly provided in this Resolution, the amount of Bonds transferable by delivery held by any person executing such request, declaration or other instrument or writing as a Bond holder, and the numbers thereof, and the date of his holding such Bonds, may be proved by a certificate, which need not be acknowledged or verified, satisfactory to the University, executed by a trust company, bank, investment banker, dealer, broker or other depositary wherever situated, showing that at the date therein mentioned such person exhibited to or had on deposit with such depositary the Bonds described in such certificate. Continued ownership after the date of deposit stated in such certificate may be proved by the presentation of such certificate if the certificate contains a statement by the depositary that the Bonds therein referred to are in fact held on deposit by such depositary and will not be surrendered without the surrender of the certificate to the depositary. The University may nevertheless in its discretion require further or other proof in cases where it deems the same desirable. The ownership of registered Bonds and the amount, maturity, number and date of holding the same shall be proved by the registry books.

Any request, declaration or other instrument or writing of the owner of any Bond shall bind all future owners of such Bond in respect of anything done or suffered to be done by the University hereunder in good faith and in accordance therewith.

Section 12.05. Waiver of Personal Liability. No officer, agent or employee of the University shall be individually or personally liable for the payment of the principal of or interest on the Bonds; but nothing herein contained shall relieve any such officer, agent or employee from the performance of any official duty provided by law.

Section 12.06. Official Publication. Any publication to be made under the provisions of this Resolution in successive weeks may be made in each instance upon any business day of the week and need not be made on the same day of any succeeding week nor in the same newspaper for any or all of the successive publications, but may be made in different newspapers.

Section 12.07. Partial Invalidity. If any one or more of the covenants or agreements, or portions thereof, provided in this Resolution should be contrary to law, then such covenant or covenants, such agreement or agreements or such portions thereof, shall be null and void and shall be deemed separable from the remaining covenants and agreements or portions thereof and shall in no way affect the validity of this Resolution or of the Bonds.

Section 12.08. Headings and Index. Any headings preceding the texts of the several articles hereof and any table of contents appended to copies hereof shall be solely for convenience of reference and shall not constitute a part of this Resolution, nor shall they affect its meaning, construction or effect.

Section 12.09. Covenants Not to Be Deemed Covenants of Any Present or Future Officer, Agent or Employee of University. All covenants, stipulations, obligations and agreements of the University contained in this Resolution shall
be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by law and permitted by the Constitution of the State of Illinois, and no covenants, stipulations, obligations or agreements contained herein shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future officer, agent or employee of the University in his individual capacity, and no officer executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issue thereof. No officer, agent or employee of the University shall incur any personal liability in acting or proceeding or in not acting or not proceeding in good faith, reasonably and in accordance with the terms of this Resolution and applicable law.

SECTION 12.10. Resolution Effective on Passage. This Resolution shall become effective upon its passage.

President

Attest:

Secretary

STATE OF ILLINOIS
COUNTY OF CHAMPAIGN

I, ........................................................................, do hereby certify that I am the duly elected, qualified and acting Secretary of The Board of Trustees of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the ........................................... day of .................................................., 19........, all as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this ........................................... day of .................................................., 19.........

Secretary as aforesaid.

This resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

RESOLUTION ON ASSEMBLY HALL BONDS PURCHASE AGREEMENTS

Mr. Swain, for the Finance Committee, offered the following resolution, and moved its adoption:

Resolved by The Board of Trustees of the University of Illinois (hereinafter called the "University") as follows:

Whereas, The University has heretofore determined that it is necessary to borrow money and issue and sell its revenue bonds in order to produce the funds necessary to construct and equip an Assembly Hall, and the officers of the University have negotiated separate Bond Purchase Agreements (hereinafter sometimes called "Purchase Agreements") with fourteen Insurance Companies as follows: Allstate Insurance Company, Allstate Life Insurance Company, Continental Casualty Company, The Lincoln National Life Insurance Company, State Farm Mutual Automobile Insurance Company, State Farm Life Insurance Company, State Farm Fire and Casualty Company, Connecticut General Life Insurance Company, Country Life Insurance Company, General American Life Insurance Company, Nationwide Life Insurance Company, Nationwide Mutual Insurance Company, Mutual Trust Life Insurance Company, and North American Life Insurance Company of Chicago (said Insurance Companies being hereinafter sometimes referred to as "Purchasers"), providing for the sale to said Purchasers of $7,750,000 aggregate principal amount of Assembly Hall Revenue Bonds, Series
1959 (hereinafter called "Bonds") of the University to be issued under and entitled to the benefit of the provisions and having the characteristics specified in the Bond Resolution applicable thereto, heretofore adopted by this Board of Trustees this date, and

WHEREAS, There are before this meeting copies of the form of Purchase Agreement to be entered into between the University and each of said Purchasers relative to the issue and sale by the University and the purchase by said Purchasers of the $7,750,000 aggregate principal amount of said Bonds, and

WHEREAS, It appears to this Board of Trustees and the several members thereof that it would be desirable and for the best interests of the University to execute and deliver Purchase Agreements with said Purchasers substantially in the form now before this meeting and hereby approved, and to issue and sell the said Bonds in the aggregate principal amount of $7,750,000;

Now, Therefore, Be It and It Is Hereby Resolved, That the Comptroller of the University be and he is hereby authorized, empowered, and directed for and in the name and on behalf of the University to execute and deliver separate Agreements with said Purchasers substantially in the form of the Purchase Agreements now before this meeting, with such changes therein as shall be approved by said Comptroller at the time of executing the same, providing for the issuance and sale to said Purchasers of $7,750,000 aggregate principal amount of the Bonds at a price of 100 per cent of the principal amount thereof, plus accrued interest thereon from the date of said Bonds to the date of delivery thereof and the execution and delivery of such Purchase Agreements by the Comptroller of the University shall constitute conclusive evidence of his approval of any departure therein from the form of Purchase Agreement now before this meeting and hereby approved.

Resolved Further, That the proper officers of the University shall be and they are hereby authorized and directed to cause to be prepared an issue of $7,750,000 principal amount of the said Bonds having the characteristics, including sinking fund and redemption provisions, specified therefor in the Bond Resolution applicable thereto, heretofore adopted, and forthwith upon the execution and delivery of the said Purchase Agreements the proper officers of the University shall be and they are hereby authorized, empowered, and directed, for and in the name and under the corporate seal of the University to execute the said Bonds in the aggregate principal amount of $7,750,000, and in such denominations as may be requested by the Purchasers thereof, and thereafter to sell and deliver the said $7,750,000 aggregate principal amount of the Bonds to the Purchasers at a price of 100 per cent of the principal amount thereof plus accrued interest thereon from the date of the said Bonds to the date of delivery thereof, and otherwise in accordance with the terms and provisions of the said Purchase Agreements to be entered into between the University and the Purchasers.

Resolved Further, That the proper officers of the University shall be and they are hereby authorized, empowered, and directed to do all such acts and things and to execute and deliver all such documents as may be necessary or by them deemed desirable in order to carry out the purpose and intent of these resolutions, and all of the acts and doings of the officers of the University which are consistent with the purpose and intent of these resolutions shall be and the same are hereby in all respects ratified, approved, and confirmed.

This resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

DEGREES CONFERRED IN JUNE

The Secretary presented for record the following lists of degrees conferred at the Chicago Professional Colleges on June 12, 1959, and at Urbana on June 13, 1959, in accordance with the authorization of the Board of Trustees.
<table>
<thead>
<tr>
<th>Degree Type</th>
<th>Degree Name</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honorary Degrees, conferred at Urbana:</td>
<td>Doctor of Literature</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Doctor of Laws</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Doctor of Engineering</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Doctor of Science</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td><strong>Total, Honorary Degrees</strong></td>
<td><strong>4</strong></td>
</tr>
<tr>
<td>Degrees in the Graduate College, conferred at Urbana:</td>
<td>Doctor of Philosophy</td>
<td>101</td>
</tr>
<tr>
<td></td>
<td>Doctor of Education</td>
<td>6</td>
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<tr>
<td></td>
<td>Master of Arts</td>
<td>85</td>
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<tr>
<td></td>
<td>Master of Science</td>
<td>357</td>
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<tr>
<td></td>
<td>Master of Music</td>
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<td>Master of Education</td>
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<td></td>
<td>Master of Social Work</td>
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<tr>
<td></td>
<td>Master of Fine Arts</td>
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<tr>
<td></td>
<td>Master of Architecture</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>Master of Accounting Science</td>
<td>1</td>
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<tr>
<td></td>
<td>Advanced Certificate in Education</td>
<td>3</td>
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<td></td>
<td><strong>Total, Graduate College</strong></td>
<td><strong>692</strong></td>
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<tr>
<td>Degrees in Law, conferred at Urbana:</td>
<td>Bachelor of Laws</td>
<td>53</td>
</tr>
<tr>
<td>Degrees in Veterinary Medicine, conferred at Urbana:</td>
<td>Bachelor of Science</td>
<td>36</td>
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<tr>
<td></td>
<td>Doctor of Veterinary Medicine</td>
<td>25</td>
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<td></td>
<td><strong>Total, Veterinary Medicine</strong></td>
<td><strong>61</strong></td>
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<tr>
<td>Baccalaureate Degrees, conferred at Urbana:</td>
<td>Bachelor of Science, College of Agriculture</td>
<td>191</td>
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<tr>
<td></td>
<td>Bachelor of Science, College of Engineering</td>
<td>331</td>
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<td></td>
<td>Bachelor of Arts, College of Liberal Arts and Sciences</td>
<td>271</td>
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<td></td>
<td>Bachelor of Science, College of Liberal Arts and Sciences</td>
<td>214</td>
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<td>Bachelor of Science, College of Education</td>
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<td>Bachelor of Science, College of Commerce and Business Administration</td>
<td>233</td>
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<td>Bachelor of Science, College of Journalism and Communications</td>
<td>60</td>
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<td></td>
<td>Bachelor of Architecture, College of Fine and Applied Arts</td>
<td>70</td>
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<td></td>
<td>Bachelor of Fine Arts, College of Fine and Applied Arts</td>
<td>65</td>
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<td></td>
<td>Bachelor of Music, College of Fine and Applied Arts</td>
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<td></td>
<td>Bachelor of Science, College of Fine and Applied Arts</td>
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<td></td>
<td>Bachelor of Science, College of Physical Education</td>
<td>54</td>
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<td></td>
<td>Bachelor of Science, Division of Special Services for War Veterans</td>
<td>57</td>
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<td><strong>Total, Baccalaureate Degrees</strong></td>
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<td><strong>Total, Degrees Conferred at Urbana</strong></td>
<td><strong>2,522</strong></td>
</tr>
<tr>
<td>Honorary Degree, conferred at Chicago:</td>
<td>Doctor of Science</td>
<td>1</td>
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<tr>
<td>Degrees in the Graduate College, conferred at Chicago:</td>
<td>Doctor of Philosophy</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Master of Science</td>
<td>37</td>
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<tr>
<td></td>
<td><strong>Total, Graduate College</strong></td>
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<tr>
<td>Degrees in Dentistry, conferred at Chicago:</td>
<td>Doctor of Dental Surgery</td>
<td>64</td>
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<tr>
<td>Degrees in Medicine, conferred at Chicago:</td>
<td>Bachelor of Science in Occupational Therapy</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Doctor of Medicine</td>
<td>153</td>
</tr>
<tr>
<td></td>
<td><strong>Total, Medicine</strong></td>
<td><strong>171</strong></td>
</tr>
<tr>
<td>Degrees in Nursing, conferred at Chicago:</td>
<td>Bachelor of Science</td>
<td>13</td>
</tr>
</tbody>
</table>
Degrees in Pharmacy, conferred at Chicago:
Bachelor of Science............................................. 93
Total, Degrees Conferred at Chicago.......................... (387)
Total, Urbana and Chicago...................................... 2,909

Degrees Conferred at Urbana

HONORARY DEGREES

Degree of Doctor of Literature
THOMAS WHITFIELD BALDWIN

Degree of Doctor of Laws
ARTHUR SHERWOOD FLEMMING

Degree of Doctor of Engineering
JOHN IRA PARCEL

Degree of Doctor of Science
WENDELL MEREDITH STANLEY

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy
PATRICK SAMUEL KEMP, A.B., Rice Institute, 1953; M.P.A., University of Texas, 1956
RAYMOND LEROY McGARVEY, B.S., University of Pennsylvania, 1955; M.S., 1956
HUSSEIN AMER SHARAF, B.Com., M.Com., University of Cairo, 1952, 1955

In Aeronautical Engineering
LEMBIT POTTSEPP, B.S., M.S., 1953, 1954
CLIVE GORDON WHITENBURY, B.S., Manchester University, 1954; M.S., 1956
JAMES XERIKOS, B.S., M.S., 1953, 1956

In Agricultural Economics
RonalD STUART RUST, B.S., University of Manitoba, 1952; B.Ed., A.M., University of Alberta, 1953, 1957

In Agronomy
ROBERT BRUCE GROSSMAN, B.S., M.S., Cornell University, 1952, 1954

In Animal Nutrition
ALAN JONATHAN SHEPPARD, B.S., Ohio State University, 1951; M.S., Virginia Polytechnic Institute, 1955; M.S., 1956
SHREEPAD RAMCHANDRA WAGLE, B.S., M.S., University of Bombay, 1953, 1955

In Animal Science
BILLY GENE DIGGS, B.S.A., M.S., University of Arkansas, 1955, 1956
MAX WALTER ALBERT MOELLER, JR., B.S., M.S., 1951, 1956

In Bacteriology
TAMAR BEN PORAT, Certificate, University of Paris, 1949; M.S., Hebrew University, 1954

In Botany
DONALD ALFRED LARSON, B.S., Wheaton College (Illinois), 1953; M.S., 1955
ANNE LOUISE RICHARDSON, B.S., Johnson C. Smith University, 1944; M.S., 1954
JAMES McDoNAlD ROMINGER, B.S., Eastern Illinois University, 1950; M.S., University of New Mexico, 1955
MUNIPALLI SANKARANARAYANA SARMA, B.S., M.S., University of Mysore, 1942, 1943
In Business
Wayland Avery Tonning, B.S., M.S., 1953, 1954

In Ceramic Engineering
Robert Leif Halse, B.S., M.S., 1956, 1957

In Chemical Engineering
Hisao Kada, B.E., Tokyo University, 1943; M.S., 1957
Harold Laverne Suchan, B.S., University of Idaho, 1952; M.S., 1957

In Chemistry
Nathan Louis Bauld, B.S., West Virginia University, 1956
Robert Allan Bernheim, B.S., Brown University, 1955; A.M., Harvard University, 1957
Wayne Rex Carpenter, A.B., Pomona College, 1956
Thomas Clark Farrar, B.S., Municipal University of Wichita, 1954
Forrest Craver Grimm, B.S., Dickinson College, 1955
Richard Thomas Hawkins, A.B., Brigham Young University, 1951
Theodore Charles Miller, A.B., Princeton University, 1955
David Kelmer Roe, A.B., Pacific Lutheran College, 1954; M.S., State College of Washington, 1956
Alvin Laverne Schalge, A.B., Michigan State Normal College, 1954; M.S., 1956
Ronald McLean Scott, B.S., Wayne University, 1955

In Civil Engineering
Alfredo Hua-Sing Ang, B.S., Mapua Institute of Technology, 1954; M.S., 1957
Eugene Chesson, Jr., B.S., Duke University, 1950; M.S., 1956
Thomas Samuel Fry, B.S., M.S., 1950, 1953
Mahendra Ratilal Mehta, B.E., Gujarat University, 1953; M.S., Purdue University, 1955
Edwin Stuart Towsley, B.S., United States Military Academy, 1949; M.S., 1957

In Communications
Walter Havre Hollins, B.S., Florida Agricultural and Mechanical College, 1944; A.M., University of Minnesota, 1945

In Dairy Science
Nicholas Takateru Nakabayashi, B.S., Utah State University of Agriculture and Applied Science, 1949; M.S., 1953

In Economics
Howard Jennings McBride, B.S., M.S., 1950, 1954

In Education
Robert Bruce Hughes, B.S., M.S., University of Washington, 1949, 1954
Norval Lee Pielsstick, A.B., Linfield College, 1948; M.S., State College of Washington, 1951

In Electrical Engineering
Frank Fu Fang, B.S., National Taiwan University, 1951; M.S., University of Notre Dame, 1954
Roland Everett Thomas, B.S. (Agricultural Engineering), B.S. (Electrical Engineering), New Mexico Agricultural and Mechanical College, 1951, 1952; M.S., Stanford University, 1953
In English

NEIL FRANCIS BRENNAN, A.M., University of Chicago, 1949
WILLIAM HENRY NOLTE, A.B., University of Missouri, 1951; A.M., University of
Texas, 1952
PIN CHOW TU, A.B., National Central University, 1943; A.M., 1953
GEORGE THOMAS WATKINS III, A.B., A.M., Wake Forest College, 1942, 1948

In Entomology

JOHN JOSEPH CORRIGAN, A.B., Carleton College, 1950; M.S., 1957
ROBERT EARL LEWIS, A.B., Earlham College, 1952; M.S., 1956

In Food Technology

MOHAN GUNDO KOKATNUR, B.S., University of Poona, 1951; B.S. (Technology),
Nagpur University, 1953

In Geography

HERBERT SLUTSKY, B.S., M.S., 1950, 1951

In Geology

DONALD LAWRENCE BALLMANN, B.S., M.S., 1955, 1956
BRUCE FORBES BOHR, B.S., Beloit College, 1953; A.M., Indiana University, 1955
EARL ALFRED CHRISTIANSEN, B.S., M.S., University of Saskatchewan, 1952, 1956
LORENC B. COLLINS, B.S., M.S., 1953, 1955
MERRICK EDGARDS OSTRUM, A.B., Augustana College (Illinois), 1952; M.S., 1954
MARK RICH, A.B., University of California (Los Angeles), 1954; A.M., University
of Southern California, 1956
HERMAN ELLIS ROBERSON, B.S., A.M., University of Texas, 1955, 1957
THOMAS KAY SEARIGHT, A.B., A.M., University of Missouri, 1951, 1952
THOMAS WILLIAM SMOOT, A.B., M.S., Miami University, 1954, 1956
JOHN ERNEST NOLAN WAINWRIGHT, B.S., University of Dayton, 1956; M.S., 1957

In German

ANNE LIARD JENNINGS, A.B., Hunter College, 1950; A.M., Columbia University,
1954

In History

MARY JANETTE BOHI, A.B., Wheaton College (Illinois), 1951; A.M., 1956
JOHN HENRY CARY, B.S., University of Wisconsin, 1950; A.M., Pennsylvania
State College, 1951
ROGER BURNHAM MCHANE, A.B., Wheaton College, 1938; Th.B., Princeton
Theological Seminary, 1942

In Mathematics

JAMES HARMAN ABBOTT, B.S., University of Colorado, 1946; M.S., Southern
Methodist University, 1949
JACK LEONARD GOLDBERG, B.S., College of the City of New York, 1954; M.S., 1956
GENE HOWARD GOLUB, B.S., A.M., 1953, 1954
FRANK JOHN HAHN, A.B., University of Rochester, 1951; A.M., 1956
JERRY CHALMERS MCCALL, A.B., A.M., University of Mississippi, 1951, 1951;
M.S., 1956
PAUL ROBERT PEABODY, B.S., A.M., 1948, 1949
JAMES HAROLD SHELLY, A.B., Oberlin College, 1954; A.M., 1956
ROSEMARIE MARGARETE SCHEERER STEMMLE, A.B., Bucknell University, 1952;
A.M., 1954

In Mechanical Engineering

GLEN WALLACE ZUNWALT, B.S. (Naval Science and Tactics), B.S. (Mechanical
Engineering), M.S., University of Texas, 1948, 1949, 1953
In Physical Education
James Lowell Breen, B.S., Eastern Illinois University, 1948; M.S., 1949

In Physics
Stephen Reynolds Arnold, B.S., Massachusetts Institute of Technology, 1950; M.S., 1952
Gloria Winkel de Wit, B.S., M.S., 1954, 1955
Frederick August Otter, Jr., B.S., Lehigh University, 1953; A.M., Temple University, 1955
William Manos Portnoy, B.S., M.S., 1952, 1952

In Plant Pathology
Eugene Bryson Himelick, B.S., Ball State Teachers College, 1949; M.S., Purdue University, 1952
Khalil Rashid Lubani, B.S., Kansas State College of Agriculture and Applied Science, 1955; M.S., 1957
Harlan Leon Rhoades, B.S., M.S., 1952, 1957
Lung-chi Wu, B.S., M.S., National Taiwan University, 1954, 1956

In Political Science
Babatunde Abraham Williams, A.B., Northland College, 1953; A.M., 1954

In Psychology
Thomas Hollister Lynch, B.S., Purdue University, 1951

In Spanish
Allie Ward Billingsley, A.B., A.M., University of Mississippi, 1928, 1929
Joseph Schraibman, A.B., Brooklyn College, 1955; A.M., 1956

In Speech
Jack David Arnold, A.B., Bethany-Peniel College, 1950; A.M., Northwestern University, 1952
Erwin Paul Bettinghaus, Jr., A.B., 1952; A.M., Bradley University, 1953

In Theoretical and Applied Mechanics
George Albert Costello, B.C.E., Manhattan College, 1955; M.S., 1956
LeRoy Carl Eichberger, B.S., M.S., 1951, 1955
Niels Christian Lind, C.E., Technical University of Denmark, 1953
Archie Mathews, B.S., University of Massachusetts, 1953; M.S.E., University of Michigan, 1954
Robert Earl Miller, B.S., M.S., 1954, 1955

In Veterinary Medical Science
Miodrag Ristic, D.V.M., Hanover Veterinary College (Germany), 1950; M.S., University of Wisconsin, 1954

Degree of Doctor of Education
In Education
Alberta Dee Hill, B.S., University of Idaho, 1939; A.M., Columbia University, 1947
Ahmet Kemal Ozinonu, Diploma, Gazi Teachers Training College, 1946; A.M., 1957
John Leon Quaday, B.E., Winona State Teachers College, 1938; Ed.M., University of Minnesota, 1946
Degree of Master of Arts

In Anthropology

Janet Mathews Fitchen, A.B., Vassar College, 1958

In Art Education

Harry Frederick Breen, B.A.E., School of the Art Institute of Chicago, 1953

In Art History

Gloria Katherine Rensch, A.B., A.M., Northwestern University, 1939, 1940
Roslyn Maria Rensch, B.Mus., M.Mus., Northwestern University, 1945, 1946

In Chemistry

Nancy Sandelin Paisley, A.B., University of Minnesota, 1957

In Economics

Rikuma Ito, A.B., 1956
Ronald Eugene Simmons, B.S., 1955

In English

Carol Linda Anderson, A.B., Upsala College, 1958
Jene Erick Beardsley, A.B., Wheaton College (Illinois), 1958
Jill Genevieve Waldron Rorabach Bohlander, A.B., Illinois Wesleyan University, 1958
Evelyn Heiyen Buckalew, A.B., Harpur College, State University of New York, 1957
Dianna Marie Davidson, A.B., Wheaton College (Illinois), 1956
David Vincent Erickson, A.B., 1958
Barbara Dina Fuerst, A.B., Indiana University, 1958
Hymen Harold Hart, A.B., College of Puget Sound, 1950
Kay Leongore Henderson, A.B., Illinois Wesleyan University, 1958
Ralph Harold Hoffe, A.B., Concordia College, 1954
Lindsay Alfred Mann, B.S., University of Santa Clara, 1958
Richard Thomas Martin, A.B., 1953
Mary Ann McQuaid, A.B., Augustana College (Illinois), 1957
Carolyn Brant Osburn, A.B., Marietta College, 1958
Martha Paley, Profesorado, Instituto Nacional Del Profesorado Secundario (Argentina), 1956
Mary Brookbank Reed, A.B., Millikin University, 1958
Frieda Weir Runser, A.B., Mount Union College, 1957
Wilma Faye Schneidermeyer, B.S., Southern Illinois University, 1954
Judith Joanne Toler, A.B., 1956
Marsha Weiss, A.B., Brooklyn College, 1958
Alice Huggins Wilson, A.B., 1957
Martha Mary Woods, A.B., Monmouth College, 1957

In Geography

Dieter Robert Altschul, A.B., Harpur College, State University of New York, 1957

In German

Anne Marie Maier, A.B., New York University, 1956

In Greek

Samuel Ira Abrams, A.B., Brooklyn College, 1958
In History

Benjamin Franklin Byerly, B.S., Kansas State College of Agriculture and Applied Science, 1952
Hsiao Hsiang Chang, A.B., 1954
Edward Burdette Hauser, A.B., Oberlin College, 1951
Lestel Leon Long, A.B., Drury College, 1948
David Romain Nissen, A.B., Wheaton College (Illinois), 1954
Gary Lee Peltier, A.B., Michigan State University, 1958
Tadashi Tatsut, A.B., 1957
Jordan Gene Vogel, A.B., 1958

In Home Economics

Jeanne Margaret Jackson, A.B., College of New Rochelle, 1949

In Labor and Industrial Relations

Robert Elwood Hartz, B.S., University of Alabama, 1934
William Michael Hooben, B.S., Springfield College, 1957
Joseph Valentine Marconi, A.B., University of Michigan, 1957
Edward William Smeds, B.S., Carthage College, 1957

In Mathematics

Jesse Cornelius Lewis, B.S., Tougaloo College, 1953; M.S., 1955
Thomas George McKay, A.B., Drew University, 1957

In Philosophy

George Clifford Richard Sephton, A.B., University of British Columbia, 1951
Richard Allen Tursman, A.B., University of Colorado, 1957

In Political Science

Charles Raymond Green, A.B., Augustana College (Illinois), 1957
Harold Gaylon Greenhill, B.S., Wisconsin State College (River Falls), 1958
James Ward Mann, B.S., 1948

In Psychology

Bishwa Bandhu Chatterjee, B.S., M.S., Benares Hindu University, 1941, 1943
Alan Robert Kohn, B.S., Union College, 1950
William Bronson Todd, B.S., 1957

In Social Sciences

David Roger Wrone, B.S., 1958

In Sociology

Lawrence Keith Miller, A.B., Reed College, 1957

In Spanish

Carol Ann Koss, A.B., 1958
Joseph Stracusa, A.B., University of Rochester, 1958
Teresa Rios Trejo, Diploma, Normal Superior School (Mexico), 1956
Mario James Valdes, A.B., 1957
Marilyn Wendy Woodford, A.B., University of Washington, 1957

In Speech

Barbara Nell Connell, A.B., DePaul University, 1953
James Alden Ehreth, A.B., Augustana College (South Dakota), 1958
Lowell Robert Golden, A.B., 1957
Jimmie Lonnie Meese, B.S., Mississippi State College for Women, 1958
Lloyd Holden Vinniege, Jr., A.B., University of Tulsa, 1949; B.D., Garrett Biblical Institute, 1953
In Statistics

Sae Ho Chung, A.B., 1958
Mohammed Khalil Hamid, B.S., Roosevelt University, 1957
Paul Edwin Potter, Ph.B., M.S., Ph.D., University of Chicago, 1949, 1950, 1952
Thomas Sakurada, A.B., University of Hawaii, 1953

In the Teaching of Latin

Zoe Mogill, A.B., College of Notre Dame (Maryland), 1958

In the Teaching of Social Studies

Helen Elaine Baumgartner, B.S., Northwestern University, 1952
Almyra Havenhill, Ph.B., Northwestern University, 1956
Charles Harold Henry, B.S., Illinois State Normal University, 1953
John Richard Litster, B.S., M.S., 1956, 1957
John Ellsworth McGaughey, A.B., 1958
William Warren McKeever, B.S., 1958
Jack Kay Richardson, B.S., Ball State Teachers College, 1958
Ralph William Scharnau, A.B., Beloit College, 1957
Donald Lloyd Schultz, A.B., 1958

In the Teaching of Speech

Lora Annette Lo Conte, A.B., Regis College, 1958
Marjorie Eileen Young, B.S., 1942
Alice George Zanetakis, A.B., 1958

Degree of Master of Science

In Accountancy

Richard Lee Davison, B.S., 1954
Nancy Ann Desmond, B.S., 1955

In Advertising

Paul Daniel Schrage, A.B., Valparaiso University, 1957

In Aeronautical Engineering

James Thomas Martin, B.S., 1958

In Agricultural Economics

Raymond Merle Carmichael, B.S., 1958
Thomas Lee Frey, B.S., 1958
Rex Alan Patterson, B.Com., University of Queensland, 1950

In Agricultural Education

Roscoe Randell, B.S., 1951

In Agricultural Engineering

Richard Taylor Bennett, B.S., University of Missouri, 1957

In Agronomy

Joe Howard Cherry, B.S., University of Tennessee, 1957
Billy Joe Gossett, B.S., University of Tennessee (Martin Branch), 1957
Charles Arthur Laible, B.S., 1958
Robert Marion Phillips, B.S., 1958
Robert Joseph Reginato, B.S., University of California (Davis), 1957

In Animal Science

Jimmy Dale Garlich, B.S., 1958
In Architectural Engineering

JOHN VERNON FOSTER, B.Arch., 1957
JOHN ARTHUR FRAZIER, B.S., 1952
WILLIAM WARD STEWART, B.Arch., 1956

In Astronomy

WILLIAM CLAUSEN YAGER, B.S., University of Tennessee, 1953; M.S., Drexel Institute of Technology, 1957

In Botany

VERN AUGUST McMAHON, B.S., State Teachers College (St. Cloud, Minnesota), 1957
GAYLORD MONROE SMITH, A.B., Wabash College, 1957
MARGARET JANE LUNDEEN TAYLOR, A.B., Marietta College, 1957

In Ceramic Engineering

RUSSELL LEE BOLTON, B.S., 1955
RAYMOND GEORGE CAFEK, B.S., 1958
ERNST FRED KARNER, B.S., 1957

In Chemical Engineering

JOHN WINDSOR HARDING, B.S., 1954
EARL RAMON HOSLER, B.Ch.E., University of Dayton, 1957
ALFREDO NICOLÁS USUBILLAGA, Chem.Eng., Escuela Politecnica Nacional (Ecuador), 1956
JOHN FRANCIS WELCH, B.S., University of Massachusetts, 1957
JOHN CLARENCE ZAHNER, B.S., 1956

In Chemistry

WILLIAM BERTRAM BARISH, B.S., University of Chicago, 1947
JAMES LEE BREWBAKER, B.S., University of Michigan, 1958
RICHARD LEWIS CARLIN, B.S., Brown University, 1957
ERNST HAROLD DREW, B.S., University of Georgia, 1958
RICHARD ELMER EIBECK, B.S., University of Cincinnati, 1957
JAMES RICHARD HANLEY, Jr., B.S., University of Rhode Island, 1956
JAMES EDWARD HUSEHEY, B.S., University of Cincinnati, 1957
PIERRE EMIL KIENER, Dipl.Chem.Eng., Federal Institute of Technology, Zurich, 1947
DAVID MEARNS PAISLEY, B.S., West Virginia Wesleyan College, 1957
GARRY ARTHUR RECHNITZ, B.S., University of Michigan, 1958
STUART HUNTINGTON RIDER, B.Ch.E., Rensselaer Polytechnic Institute, 1943
LARRY CLARK THOMPSON, B.S., Willamette University, 1957
NEWTON DAVIS WERNER, B.S., University of California (Los Angeles), 1957

In Civil Engineering

FREDERICK MARTIN ANKLAM, B.S., United States Military Academy, 1954
NORMAN HUBERT BEDELL, B.S., United States Military Academy, 1954
LUIS DESIDERIO BELTRÁN-HERNÁNDEZ, B.S., University of Puerto Rico, 1955
HANS WALTER BERGHOHL-WISSING, C.E., University of Chile, 1949
GERMAN ADOLFO BLOMEIER-GUZMAN, B.C.E., Rensselaer Polytechnic Institute, 1956
CHUNG-YUN CHIANG, B.S., National Tung-Chi University, 1948
JOHN HARTLEY DANIELS, B.S., University of Alberta, 1955
ARVIN KRISHNARAO DESAI, B.Eng., Karnatak University, 1956
ROBERT LAIRD FOSTER, B.S., University of Alberta, 1952
RAMON GUEMEZ-GASCAL, C.E., National Autonomous University of Mexico, 1958
MYLES RUSSELL HUTCHINSON, B.S., Virginia Military Institute, 1952
HARVEY ALEXANDER KAGAN, B.S., Columbia University, 1958
JAMIL ASGHAR KHAN, B.S., Punjab University, 1950
CHARLES WILFRED LEWITT, B.S., Wayne University, 1950
MOHAMED AREF MAHAYNI, B.S., University of Texas, 1958
John Peterson, B.S., South Dakota State College, 1951
Nick Euthymios Raptis, C.E., National Technical University (Athens, Greece), 1956
Robert Charles Riese, B.S., United States Military Academy, 1954
Charles Ross Roberts, B.S., University of Oklahoma, 1950
Gary Seymour Salzman, B.C.E., The Cooper Union, 1958
Gilbert Theodore Scott, B.S., United States Military Academy, 1952
Dhanji Morarji Shah, B.Eng., Sardar Vallabhbhai Vidyaputh University, 1959
Satya Sagar Sharma, B.S., Punjab Engineering College, 1956
Ramesh Manilal Sheth, B.Eng., Gujarat University, 1956
Vinod Vandrarayas Sheth, B.Eng., Gujarat University, 1957
Delbert Ray Smith, B.Arch., 1954
Pushparant Bhagwandas Thanawala, B.Eng., Gujarat University, 1957
Lowell Thomas Thorpe, B.S., Pennsylvania State University, 1952
Walter Arthur Von Riesemann, B.C.E., Polytechnic Institute of Brooklyn, 1958
James Robert Winemiller, B.S., Pennsylvania State University, 1957
Stephen Worth Wolfgang, B.S., United States Military Academy, 1954

In Dairy Science
Charles Norman Graves, B.S., Oklahoma State University, 1958
Charles Wendell Grimes, B.S., Ohio State University, 1954
Herbert Gardner Johnson, B.S., 1958
John Gladstone Velu, B.S., University of Allahabad, 1950

In Dairy Technology
Tsung Chu Chou, B.S., Catholic University of Peking, 1939

In Economics
Dev Raj Raheja, A.M., University of the Panjab, 1942; A.M., 1958

In Education
Anila Amratlal Dalal, A.B., Gujarat University, 1955
Kunj Kanaiyalal Parikh, A.B., Gujarat University, 1955

In Electrical Engineering
John Wayne Bartley, A.B., Augustana College (Illinois), 1954
Richard Wayne Bermes, B.S., 1958
James Peter Bobis, B.S., 1958
Arnold Seymour Brenes, B.S., Illinois Institute of Technology, 1958
Bruce Edwin Briley, B.S., 1958
Kenneth Ronald Carr, B.S., 1958
John William Daughton, B.S., University of Notre Dame, 1958
Albert George Engelhard, B.A.Sc., University of Toronto, 1958
Hitendra Nath Ghosh, B.Tech., Indian Institute of Technology, 1959
Richard Harvey Gordon, B.S., 1958
Kenneth Donald Granzow, B.S., 1958
Manfred Gutmann, B.S., 1958
Robert Clarence Hendel, B.S., 1958
Vilayil Iddikula John, B.S., University of Travancore, 1957
Robert William Kafka, B.S., 1958
Kestutis Kirvaitis, B.S., 1958
Tohiko Kunihiro, B.Eng., University of Tokyo, 1952
Arwin Bruce Lindquist, B.S., 1958
Robert Henry MacPhee, B.A.Sc., University of Toronto, 1957
John Philip McClure, B.S., 1958
Philip Francis Meagher, B.S., University of Notre Dame, 1958
Hassan Morshed, Degree, Teheran University, 1956
Gilbert Guy Moser, B.S., 1958
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tr>
<td>George Norton Oetzel</td>
<td>B.S., California Institute of Technology</td>
<td>1958</td>
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<tr>
<td>Raymond Reed Olson</td>
<td>B.S.</td>
<td>1956</td>
</tr>
<tr>
<td>John Orin Penhollow</td>
<td>B.S., State University of Iowa</td>
<td>1956</td>
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<tr>
<td>William Anthony Radke</td>
<td>B.S., University of Notre Dame</td>
<td>1958</td>
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<tr>
<td>Gaylord Grant Rogeness</td>
<td>B.S.</td>
<td>1958</td>
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<tr>
<td>Gerald Clinton Rose</td>
<td>B.S., Rose Polytechnic Institute</td>
<td>1957</td>
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<tr>
<td>Ramesh Chandra Saxena</td>
<td>B.S., Agra University</td>
<td>1955</td>
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<tr>
<td>Gaylord Grant Rogeness</td>
<td>B.S., Aligarh Muslim University</td>
<td>1958</td>
</tr>
<tr>
<td>Mandya Mhati Srinath</td>
<td>B.S., University of Mysore</td>
<td>1954</td>
</tr>
<tr>
<td>Jeffrey Tai</td>
<td>B.S., Swarthmore College</td>
<td>1956</td>
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<tr>
<td>Emmanuel John Vourgourakis</td>
<td>B.S., University of Pennsylvania</td>
<td>1958</td>
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<tr>
<td>Carl Chang-Taio Wang</td>
<td>B.S.</td>
<td>1958</td>
</tr>
<tr>
<td>Sik-Sang Yau</td>
<td>B.S., National Taiwan University</td>
<td>1958</td>
</tr>
<tr>
<td>John Edward Yuma</td>
<td>B.S., Purdue University</td>
<td>1957</td>
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**In Entomology**

<table>
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<tr>
<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tbody>
<tr>
<td>David Robert Lauck</td>
<td>B.S.</td>
<td>1955</td>
</tr>
<tr>
<td>Roy Earl McLaughlin</td>
<td>B.S.</td>
<td>1954</td>
</tr>
<tr>
<td>Robert Dale Paulson</td>
<td>B.S.</td>
<td>1956</td>
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<tr>
<td>Reginald Joseph Roberts</td>
<td>A.B., Walla Walla College</td>
<td>1957</td>
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**In Finance**

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<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tr>
<td>Robert William Van Auken</td>
<td>B.B.A., University of Notre Dame</td>
<td>1958</td>
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**In Food Technology**

<table>
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<tr>
<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tbody>
<tr>
<td>William Emmett Marshall</td>
<td>B.S.</td>
<td>1957</td>
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</table>

**In Geology**

<table>
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<tr>
<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tbody>
<tr>
<td>George Sutter Corchary</td>
<td>B.S., University of New Hampshire</td>
<td>1948</td>
</tr>
<tr>
<td>Richard Atwood Gilman</td>
<td>A.B., Dartmouth College</td>
<td>1957</td>
</tr>
<tr>
<td>John Bancroft Hunt</td>
<td>A.B., Dartmouth College</td>
<td>1957</td>
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<tr>
<td>William John Metzger</td>
<td>B.S., Beloit College</td>
<td>1957</td>
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<tr>
<td>Eugene Alan Monroe</td>
<td>B.S., University of Wisconsin</td>
<td>1955</td>
</tr>
<tr>
<td>Dwight Millington Moody</td>
<td>B.S.</td>
<td>1955</td>
</tr>
<tr>
<td>Kedar Narain</td>
<td>B.S., M.S., Benares Hindu University</td>
<td>1943</td>
</tr>
<tr>
<td>Emmerson Kirkpatrick Norman</td>
<td>B.S.</td>
<td>1957</td>
</tr>
<tr>
<td>John Robert Rogers</td>
<td>A.B., Baylor University</td>
<td>1957</td>
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<tr>
<td>David Knowlton Webb, Jr.</td>
<td>B.S., Ohio University</td>
<td>1957</td>
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<tr>
<td>Arthur John Zeizel</td>
<td>A.B., University of Connecticut</td>
<td>1956</td>
</tr>
</tbody>
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**In Health Education**

<table>
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<tr>
<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tbody>
<tr>
<td>Dodanana Narasimmanla Rajanna</td>
<td>B.S., University of Mysore</td>
<td>1947</td>
</tr>
<tr>
<td>Marion Ruth Dix</td>
<td>B.S., Iowa State College</td>
<td>1957</td>
</tr>
<tr>
<td>Faith Watson Finnemore</td>
<td>B.S., Pennsylvania State University</td>
<td>1956</td>
</tr>
<tr>
<td>Sara Alice Boston Heuburger</td>
<td>B.S., Iowa State College</td>
<td>1955</td>
</tr>
<tr>
<td>Beverly Anna Bunting Pokorny</td>
<td>B.S.</td>
<td>1954</td>
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</tbody>
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**In Home Economics**

<table>
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<tr>
<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tbody>
<tr>
<td>Betty Johnson Church</td>
<td>B.S.</td>
<td>1954</td>
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**In Horticulture**

<table>
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<tr>
<th>Name</th>
<th>Degree/Institution</th>
<th>Year</th>
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<tbody>
<tr>
<td>Jackie Dean Butler</td>
<td>B.S.</td>
<td>1957</td>
</tr>
</tbody>
</table>
In Journalism

EUGENE ELLIOT BROTT, B.S., 1956
Jo LYNNE GARRETT, A.B., University of Tulsa, 1958
GLEN GEORGE HANSON, A.B., University of Minnesota, 1943

In Library Science

RHETTA MARGARET ANDERSON, B.S., Southwest Missouri State College, 1957
ELIZABETH ANN BENBROOK, A.B., Texas Woman's University, 1958
MARJORIE CAROLYN BENGTSON, B.Ed., Chicago Teachers College, 1956
ELEANOR ANNE BOGART, A.B., Fort Hays Kansas State College, 1954
ROBERT HARLOW BRADLEY, A.B., Austin Peay State College, 1957
SIDNEY MAY CHANG, B.B.A., University of Hawaii, 1955
LOIS CONWAY CRABILL, B.S., Fordham University, 1948; A.M., Cornell University, 1950
MARY JOYCE DAVIS, B.S., Kansas State Teachers College (Emporia), 1954
JAMES FRANK DODGLEY, A.B., Northwestern University, 1958
HOWARD LEAVITT DUNLAP, B.S., University of Wisconsin, 1950; B.D., Gordon Divinity School, 1955
SHERRY LYNN DUNLAP, A.B., Bowling Green State University, 1958
CATHERINE MARY GEIMER, A.B., A.M., Northwestern University, 1925, 1936
ROBERT JOSEPH HAERTLE, A.B., A.M., Marquette University, 1954, 1959
LEO FRANKLIN HAMILTON, A.B., Simpson College, 1958
DOROTHY KATHRYN JOENS, B.S., Elmhurst College, 1950; A.M., Northwestern University, 1953
FAY LARUE JOHNSON, A.B., Baylor University, 1958
WILBUR DUANE JOHNSON, A.B., Augustana College (Illinois), 1952
ESTELLE BUDER KADHIM, A.B., 1955
FRANK LEBERSKY, B.S., University of Idaho, 1956
JESSIE LOUISE MATTHEWS, B.S., State Teachers College (Kutztown, Pennsylvania), 1958
MILDRED CARTER MONTGOMERY, A.B., Arkansas State College, 1937; A.M., University of Arkansas, 1958
JAMES DAVISON NEWBURG, A.B., Iowa Wesleyan College, 1958
ALICE IRENE NOLTE, A.B., 1953
BARBARA ANN OLSEN, A.B., Colorado State University, 1956
MARY MARGARET SEALOCK, A.B., Oberlin College, 1958
ROBERT CHRISTIE SPALDING, B.S., 1952
JAY DRENNER TEBE, A.B., Lycoming College, 1956
JAMES DAVIDSON WATSON, A.B., St. Norbert College, 1949; A.M., University of Notre Dame, 1953

In Management

WALTER JEROME HATCH, A.B., Monmouth College, 1957
MARVIN VINAR, B.S., 1958
ALBERT TSU PEI WU, Graduate, Ta Hsia University, 1948

In Marketing

WAYNE ARLO LEMBURG, B.S., 1950

In Mathematics

MORTEZA ANvari, Dipl. Physics, University of Tehran, 1953
GERARD BERG, B.S., College of the City of New York, 1958
WILLIE BEE CAMPBELL, B.S., Prairie View Agricultural and Mechanical College (Texas), 1938; A.M., Columbia University, 1947
JOSEPH WARREN CORBETT, A.B., 1955
JAMES JOSEPH DODD, B.S., Northwestern University, 1955
JOHN HENRY HARRIS, B.S., 1958
ALFRED INSELBERG, B.S., 1958
WAYNE RICHARD KRUGER, B.S., Eastern Illinois University, 1958
JOSEPH ICHIRO NAKUSHI, B.S., 1957
BEVERLY ANN POZMOLI, B.Ed., Chicago Teachers College, 1957
ALEXANDER LUcretius Rago, A.B., 1938
ALLAN STANLEY REHM, B.S., 1958
HAROLD GIDCUMB ROBERTSON, B.S., 1958
WALTER ABRAHAM ROSENKRANTZ, A.B., B.S., University of Chicago, 1957, 1957
SHU-SHEN HUANG SAH, Diploma, National Peking Teachers College, 1933; Ed.M., 1957
DUANE STANLEY STEINDINGER, B.S., 1956
HARRIS WESTCOTT VAYO, A.B., Culver-Stockton College, 1957

In Mechanical Engineering
LYNN ELLIS ARNOLD, Met.E., University of Cincinnati, 1957
GAUTAM VASANTVIRARI DESAI, B.Eng. (Electrical Engineering), B.Eng. (Mechanical Engineering), Gujarat University, 1956, 1957
WILLIAM RAYMOND DONAHUE, Jr., B.S., 1957
RAYMOND JOHN GOLIK, B.S., 1953
GERALD JOHN GRESH, B.S., 1958
JOHN PHILIP HIPSKIND, B.S., University of Notre Dame, 1952
RONALD HUNTER HOWELL, B.S., 1958
SHIH LIEN HUANG, B.S., National Taiwan University, 1954
RONALD CARL KAMP, B.S., 1956
LI HISIEN LU, B.S., National Chung King University, 1948
MANDESH LAXMIDAS SHIRKANT, B.S., University of Bombay, 1956; B.S., Michigan College of Mining and Technology, 1958
TIAO-MING WU, B.S., National Taiwan University, 1954

In Metallurgical Engineering
HARRY FARA, B.S., College of the City of New York, 1954
KALINATH MUKHERJEE, B.Eng., University of Calcutta, 1956

In Music Education
THOMAS LEE BONWELL, B.S., 1958
WILLIAM PETER CALLAHAN, B.S., 1958
DAVID NORBERT CAMPBELL, B.Mus.Ed., Southeastern Louisiana College, 1958
NANCY LEE CHIDDIX, B.S., Illinois State Normal University, 1958
RICHARD LEE COWART, B.S., 1956
PATRICIA ANN DARR, B.Mus.Ed., Arkansas State College (Jonesboro), 1954
SUZANNE KRIEG DELANEY, B.Mus., Salem College, 1956
JOHN FREDRICK FALKENSTROM, B.Mus.Ed., University of Wichita, 1954
JAMES FARIS FLEISHER, B.S., 1957
WARREN RUSSELL GEDSTAD, B.S., 1958
DALE MONTGOMERY HAMILTON, B.S., 1958
FRANK MILTON HAMMOND, B.S., East Carolina College, 1955
RICHARD LELAND JAMISON, B.Mus., Illinois Wesleyan University, 1951
JOE HARRY JORDENS, B.S., University of Wisconsin, 1958
NANCY LOUISE KAMPEMEIER, B.S., Illinois State Normal University, 1953
GEORGE WASHINGTON KNIGHT, Jr., B.S., East Carolina College, 1958
RICHARD CHARLES LAWSON, B.S., 1958
DANIEL JOHN MCNABB, B.S., 1958
ARTHUR MOTYCKA, Jr., B.F.A., Carnegie Institute of Technology, 1957
JOHN PHILLIP MUELLER, B.S., 1952
GRANT HOWARD NEWMAN, B.F.A., University of South Dakota, 1954
DONALD OWEN PARSONS, B.Mus., DePaul University, 1957
JAMES ARTHUR PARTRIDGE, B.S., Illinois State Normal University, 1953
GEORGE WILLIAM PELLANT, B.S., Northern Illinois University, 1955
JOE DEAN RICE, B.S., 1958
JUDITH ANN RIEMENSCHNEIDER, B.S., 1958
GEORGE LOWRY RIGGINS, A.B., North Texas State College, 1956
ROBERT LOUIS RIGGINS, A.B., State University of New York Teachers College (Fredonia), 1955
DONALD WALTER SCHMALZ, B.Mus.Ed., Northwestern University, 1958
JOHN FREDERICK THIEMAN, B.S., 1958
RICHARD EARL TOLLEY, B.S., 1955
MILTON BARNES WHITEMAN, A.B., Monmouth College, 1954
In Nuclear Engineering

JOSEPH FRANCIS CASTRO, B.S., University of Rhode Island, 1951; M.S., 1959
LEON WALTER FLORESCHUETZ, B.S., 1958
Harlan Warren Johnson, B.S., United States Military Academy, 1951; M.S., 1959

In Physical Education

DOLORES ANN ASHLEY, B.S., Eastern Illinois University, 1952
WILLIAM HILEY DAVIS, B.S., 1954
EMIL ERNST DIEWALD, B.S., 1955
EUGENE VALEN DOROSCHUK, B.P.E., University of British Columbia, 1957
CAROL ELVERA GOUWENS, B.S., Valparaiso University, 1956
GORDON YUTAKA KUWADA, B.Ed., University of Hawaii, 1957
Bill James Turner, B.S. (Physical Education), B.S. (Recreation), 1955, 1955

In Physics

JAMES LEROY BOETTLER, B.S., Lafayette College, 1958
CARL ERNEST CARLSTON, B.S., 1958
Dwight William Carpenter, B.S., University of Kentucky, 1958
JOHN IRVING CONNOLLY, B.S., Massachusetts Institute of Technology, 1958
RICHARD BYRD CRITTENDEN, A.B., Willamette University, 1957
ROBERTA ANN DI NOVI, B.S., Fordham University, 1957
FRANK CURTIS DOUGLAS, A.B., Reed College, 1957
JOHN SEYMORE EDWARDS, B.S., 1958
ROBERT THOMAS GALLA, B.S., University of Notre Dame, 1957
PETER VANCE GRAY, B.S., Union College, 1958
KAY KEIJI KANAZAWA, B.S., University of California (Los Angeles), 1957
JOHN DAVID STEBEN, B.S., 1958
RICHARD RODNEY STECK, B.S., Illinois Institute of Technology, 1957
GENE HENRY WOJCIECHOWSKI, B.S., 1958

In Physiology

EDMUND MICHAEL BERNAUER, B.S., Indiana University, 1950; M.S., 1951
ALPHONSE R. BURDI, B.S., Northern Illinois University, 1957
ANN FIELDEN, B.S., University of Reading, 1956
RONALD ALLAN FRAIER, B.S., Queens College, 1957
MICHELLE HORTENSE NEYRINCK, B.S., St. Mary College (Kansas), 1954
ARNE TONIS PESSA, B.S., Washington College, 1956
HENSOR DAVID POTTER, B.S., 1958
LEROY IRVING SYKES, B.S., Villanova University, 1957
GORDON LEE VAN HARN, A.B., Calvin College, 1957

In Plant Pathology

TERESITA POLANCO DE LA RAMA, B.S., The Philippines Women's University, 1951
BILLY GENE TWEEDY, B.S., Southern Illinois University, 1956

In Recreation

WILLIAM PUTNAM MILNE, B.S., 1952
JOSEPH ADAM PLECKINGER, B.S., Wisconsin State College (La Crosse), 1957
STEPHEN ALBERTUS WALKER, A.B., University of California (Berkeley), 1956

In the Teaching of Biological Sciences and General Science

BLANCHE HELEN BENISEK, B.S., 1957
EDWIN HORACE DAUBS, B.S., 1942
RALPH MILTON EISEMAN, B.S., 1957

In the Teaching of Mathematics

ELLA CORDELIA ARNOLD, A.B., Central College, 1948
JOAN COLLINS ARZBAECHER, A.B., St. Xavier College for Women, 1953
WILSON PALMER BANKS, A.B., Greenville College, 1952
ALLEN LEROY BRINK, A.B., Concordia College, 1952; Ed.M., University of North Dakota, 1956
ROBERT ALLEN BROOKS, A.B., Evansville College, 1951; M.S., Indiana University, 1954
SHIRLEY ANN BRUTVAN, A.B., Harpur College, State University of New York, 1958
RUSSELL LELAND BUSSE, B.S., Hanover College, 1954
AUSTIN GORDON BUTKE, A.B., Evansville College, 1950; M.S., Indiana University, 1954
RACHEL JOHNNIECE CAMPBELL, B.S., Shaw University, 1949
RUTH OTAVA DEVNEY, B.S., University of Minnesota, 1956
JOSEPH LEWIS DORSETT, B.S., University of Cincinnati, 1950
FRANCIS HILDEBRAND, HOWARD B.S., Kent State University, 1957
CAROLYN MARTH HULSEY, B.S., Illinois State Normal University, 1955
ALBERT SIGFRIED B.S., Rensselaer Polytechnic Institute, 1953
Lester Gerald Kleckner, B.S., State Teachers College (Lock Haven, Pennsylvania), 1953
AUSTIN FORD LINDLEY, B.S., 1951
FLOYD ORVILLE MCPHETRES, A.B., University of Vermont, 1950
DALE LEWIS MORDUE, B.S., Western Illinois University, 1954
CHARLES EDWARD MORRIS, Jr., B.S., Johnson C. Smith University, 1952
JOSEPH EDWARD MUELLER, B.S., Butler University, 1954
DAVID LEE NEUHOUSER, B.S., Manchester College, 1955
SAMUEL BENJAMIN PARKER, A.B., Westminster College, 1951
Lucile Catherine Pusheck, A.B., College of St. Theresa, 1955
FRANCES LYMETTA RHODES, B.S., Livingstone College, 1955
James Ernest Rowe, B.S., Manchester College, 1950
Sister M. Raymond Capua Hardy, A.B., Rosary College, 1955
ARNOLD STRASSEBERG, A.B., New York University, 1937
CALVIN LEE STRICKLAND, A.B., Abilene Christian College, 1950
MARY ELEANOR TENER, A.B., Texas Christian University, 1955
MARGARET RUTH TREGILUS, A.B., Grinnell College, 1947; A.M., Radcliffe College, 1948
Gloria Mae Vanderbeck, B.S., Western Michigan University, 1950
JAY DONALD WEAVER, B.S., State Teachers College (Millersville, Pennsylvania), 1956
WILLIAM BRIGGS WETHERBEE, B.S., State Teachers College (Mansfield, Pennsylvania), 1951
VERNE ELZEN WITTEN, Jr., B.S., Kansas State Teachers College (Emporia), 1953

In the Teaching of Physics
GEORGE HAROLD HANS, JR., B.S., Northwestern University, 1957
In Theoretical and Applied Mechanics

PHILIP EARL BENNETT, B.S., 1958
DONALD LYNN DEWHIRST, B.S., 1957
CHARLES EDWARD FELTNER, B.M.E., North Carolina State College of Agriculture and Engineering, 1958
JOHN LEO GUBSER, B.S., Washington University, 1958
JOHN WILLIAM MELVIN, B.S., 1956
RONALD JOHN PLACEK, B.S., 1958
ALLAN RODERIC SCHULTZ, B.S., 1957
JAMES RONALD SUHRE, B.S., 1958

In Veterinary Medical Science

JULIUS PETER KREIER, D.V.M., University of Pennsylvania, 1953
DONALD ROBERT LINGARD, D.V.M., Ontario Veterinary College, 1955
WALTER LOY MYERS, JR., B.S., D.V.M., 1955, 1957
DEAN IRWIN NEWTON, B.S., D.V.M., Kansas State College of Agriculture and Allied Science, 1959, 1950
UMMUTALA RAMKRISHNANANDI RAO, B.V.S., M.S., University of Madras, 1945, 1954

In Zoology

WILLIAM TAYLOR ALLEN, B.S., Eastern Illinois University, 1957
ALLAN BELMONT, B.S., 1958
MAXWELL HAROLD BRAVERMAN, A.B., University of Colorado, 1951
RICHARD ALVA BUSHEY, B.S., Th.B., Olivet Nazarene College, 1943, 1944
JOHN OSCAR OBERPKILLER, A.B., St. John's University, 1957
WESLEY FREDERICK STIEG, A.B., North Central College, 1956
LORNA BOWLY WEST, A.B., Middlebury College, 1952

Degree of Master of Music

SAMUEL LOCKWOOD BRADSHAW, JR., B.Mus., University of Southern California, 1958
ROBERT LAURENCE DONAHUE, B.Mus., University of Wisconsin, 1954
ALF SVEINUNG HOUKOM, A.B., St. Olaf College, 1957; B.Mus., 1958
WILBUR WARREN KENT, JR., B.Mus.Ed., University of Kansas, 1957
LUTZ LEO MAYER, A.B., University of North Carolina, 1956
BURL MANUEL MCWILLIAMS, B.Mus., University of Wisconsin, 1958
MARY ANN MOREN, B.Mus., Whitman College, 1956
HELEN MARLA MUTSCHLER, B.Mus., Eastman School of Music, University of Rochester, 1956
ROBERT RENE NADIEU, A.B., Colorado College, 1956
EDWARD LAWRENCE NEYLAN, B.Mus., University of Notre Dame, 1957
MARY MARGARET GOLDSMITH RICE, B.Mus., 1957
SHIRLEY JEAN USHER, B.Mus., Miami University, 1957

Degree of Master of Education

EDITH SANDERS ABERNATHIE, B.S., 1954
CAROL RANES ANDERSON, A.B., Harding College, 1954
SUZANNE NIND BALLOU, A.B., Cornell College (Iowa), 1951
JULIANE ANNE BRAYFORD, B.S., 1957
DANIEL GEORGE BREEN, B.Ed., Chicago Teachers College, 1958
LYLE ROBERT BRUSS, B.S., Wisconsin State College (Oshkosh), 1955
YVONNE CASON CAMPBELL, B.S., Lincoln University, 1955
JAMES PATRICK CARR, B.S., Eastern Illinois University, 1953
ADDIE LARKIN DARLLEN, B.S., Tennessee Agricultural and Industrial State University, 1939
DOMINICK JOHN DILEO, B.S., 1958
VIRGINIA ANN DOWNS, A.B., DePauw University, 1952
WILLIAM FRANCIS EBENEZER, B.S., Northern Illinois University, 1951
EMERSON WILLIAM EBERT, B.Mus.Ed., Bradley University, 1950
ARTHUR LEROY EICKEN, B.S., 1942
AMY GAIL ENSLOW ENNIS, B.S., University of Wisconsin, 1950
AUDREY MARIE FALETTI, B.S., 1957
JOHN EDWARD FRANKOVICH, B.S., Illinois State Normal University, 1953
LEVI GALLOWAY, B.S., Agricultural and Technical College of North Carolina, 1953
JOSEPH LAWRENCE GANNIS, JR., B.S., 1958
DAVID KENT GENTRY, B.S., Southern Illinois University, 1955
HAROLD LASLEY GRAY, B.S., Southern Illinois University, 1949
HAROLD EDWIN GRIER, B.S., Savannah State College, 1942
MARY MARGARET DE WERFF HEMPHILL, B.S., Eastern Illinois University, 1955
MAURICE RAY HEMPHILL, B.S., Eastern Illinois University, 1954
H. C. HENDREN, JR., B.S., 1950
HOWARD LEE HIRBS, A.B., Arizona State College (Tempe), 1950
EDWARD NICHOLAS HOOK, B.S., 1957
SULTANIA MARIA HUDSON, B.S., Lincoln University, 1956
CLARENCE RUSSELL HUGHES, A.B., Blackburn College, 1958
EUGENE RICHARD IRVING, B.S., Illinois State Normal University, 1953
HAROLD AUGUSTUS JONES, B.S., 1950
TOM KATSIMPALIS, B.S., Eastern Illinois University, 1952
GERALD FRANK KEMP, B.S., Illinois Wesleyan University, 1957
KENNETH EARL KERN, B.S., Western Illinois University, 1954
EDITH LILLIAN KINSGER, B.S., 1948
CLIFTON J. KIRK, B.S., Southern Illinois University, 1948
WILLIAM BURT LAUERDALE, B.S., 1958
GLENN SEYMOUR LECOUNT, B.S., 1944
MAURICE LEVY, B.S., 1956
SUE LOOMIS, B.S., Illinois State Normal University, 1957
MONICE WILLIAMS McDANIEL, A.B., Fisk University, 1958
LAUREL MOENCH, B.S., University of Utah, 1949
JUNE NICKLE NEWTON, A.B., Union College, 1947
LEROY GEORGE NOEL, B.S., Illinois State Normal University, 1956
BERNARD MAURICE ORM, B.S., Eastern Illinois University, 1949
ANTHONY PACOTTI, A.B., Illinois College, 1935
PETER B. PERINO, A.B., St. Ambrose College, 1949
SHIRLEY THORNTON PIERCE, A.B., Flora Macdonald College, 1956
NOBRETT FRANCIS Pohlman, B.S., 1950
HAROLD RUDY RAYMOND, B.S., Murray State College, 1951
MIGUEL ANGEL Riestra, A.B., University of Puerto Rico, 1959
WILLARD SMITH ROBERT, JR., B.S., Monmouth College, 1952
RICHARD D. ROWE, B.S., Eastern Illinois University, 1953
BETTIE JEANNE RUSSELL, B.S., Illinois State Normal University, 1956
ELMER SANDRIN, B.S., Greenville College, 1957
DONALD EWALD SCHEIWE, B.S., Concordia Teachers College, 1958
CECILIA AGNES SHAY, B.Ed., Eastern Illinois University, 1954
STACEY ALBERT SIDERS, B.S., 1953
JOHN CHARLES SIMS, B.S., 1958
MARTIN DAVIS SMITH, B.S., 1956
DONALD WAYNE SMITLEY, A.B., 1954
MELVIN ALLEN SPAULDING, B.S., Southern Illinois University, 1956
DWAIN HOBART SPEER, B.S., 1956
PAUL WILLIAM STEINBECK, B.S., United States Military Academy, 1929
DONALD KEN STEINMETZ, A.B., Evansville College, 1958
CHAROIS JEWELL TURNER, B.S., Eastern Illinois University, 1952
HELEN VICTORIA VITKO, B.S., Illinois State Normal University, 1953
ROBERT LEROY VOGEL, B.S., Eastern Illinois University, 1956
OTIS DELOS WATSON, JR., B.S., Grambling College of Louisiana, 1952
BETTY JANE WENZ, B.S., 1957
CURTIS R. WESTFALL, B.S., Western Illinois University, 1948
GLENN ELBERT WILEY, B.S., 1955
JOSEPH MATHEW WINEK, A.B., Wisconsin State College (Superior), 1951
JAMES EDWARD WOLFE, A.B., Manhattan College, 1954
KATIE FLORENCE HARPER WRIGHT, B.S., 1944
CHARLES JOSPEH WYNE, B.S., 1957
Degree of Master of Social Work

MARCELLE ROSA ADOLPH, B.S., George Williams College, 1946
WARFORD EARL BAKER, A.B., Monmouth College, 1941
MARY ANN THERESE CORCORAN, A.B., DePaul University, 1943
VICTOR JOHN ENGANDELA, B.Mus.Ed., Chicago Musical College, 1952
EUGENIO J. EVANS, A.B., Clark College, 1957
KIMBERLY FRANKS, A.B., 1957
KUMA FUKAZAWA, B.Litt., Waseda University, 1957
MARGARET LAURENCE FURRISH, A.B., University of Kansas, 1948
BETTY SEYMOUR HADDON, A.B., Western Michigan University, 1943
FRANCES MONCRIEFF HAUSER, A.B., University of Michigan, 1945
JANET LOUISE JOHNSON, B.S., 1957
MAURICE LEE KELLEY, A.B., University of Chicago, 1957
KING BERNARD KLEIN, A.B., Roosevelt University, 1957
JEAN CATHERYN LAWLESS, A.B., Illinois College, 1955
RENO LELAND LENZ, B.S., Bradley University, 1931
MERLE ELNO SPRINGER, A.B., Goshen College, 1954
PRIMO TASSO, A.B., Northwestern University, 1956
ROBERTA MAE TAYLOR, A.B., MacMurray College, 1948
B.S.W., University of Toronto, 1957
EVELYN GERALDINE YABLONSKI, A.B., North Central College, 1941

Degree of Master of Fine Arts

ROLAND JOSEPH BELHUMEUR, B.F.A., Rhode Island School of Design, 1957
CHRISTOPHER CAPEN COOK, A.B., Wesleyan University, 1954
FRANKLIN DANIEL JEPSEN, B.F.A., Kansas City Art Institute and School of Design, 1957
LUCIEN CYRIL KAPP, B.F.A., 1955
GERALD GORDON PURDY, B.F.A., 1956

Degree of Master of Architecture

GOPAL KRISHNA CHOWDHURY, B.Arch., University of Calcutta, 1956
CHARLES STEWART DODDS, A.B., LL.B., B.S., University of Kansas, 1936, 1938, 1957
EDWIN JOHN DRIMMEL, B.Arch., Kansas State College, 1954
DONALD ANDREW KOSS, B.Arch., 1955
JOHN RICHARD LOGAN, B.Arch., 1956

Degree of Master of Accounting Science

CHARLES RICHARD NASH, B.S., 1958

Advanced Certificate

In Education

VERNOR WILLIAM GREENING, B.Ed., Illinois State Normal University, 1949; M.S., 1953
LESTER SOLOMON WEBSTER, B.S., Tuskegee Institute, 1942; Ed.M., Pennsylvania State University, 1949
EDWARD PHILIP WIRTH, A.B., A.M., George Peabody College for Teachers, 1949, 1950

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JOHN ELDON ARISON
LARRY WAYNE BAILEY

DONALD RALPH BARRETT
CALVIN CLYDE BEATTY
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<td>JAMES FREDERICK HINES, JR.</td>
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<td>ROLLAND EDMUNDS ZACHOO</td>
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UNIVERSITY OF ILLINOIS

1959 | 517

In Dairy Technology

WILLIAM ARTHUR BONCOSKY
LARRY ELMER HECK
RICHARD JAMES HEISE
WAYNE GILBERT LARSON

ALBERT HENRY LINDEN
GEORGE ARTHUR MUCK
EDWIN DEAN TRUMMEL

In Floriculture

JASON HOWARD MARTIN
LAURENCE DALE MOORE

RICHARD BARRY OWEN
CHARLES FRED SEIBOLD

In Food Technology

KENNETH WAYNE LEBERMANN, Honors

In Home Economics

Thelma Jane Anderson
Yvonne Marie Barta
Mary Frances Bieschke
Carol Margaret Boren
Beverly Jean Bowman
Nancy Moeller Bridgman
Eleanor Joan Carls
Lee Ann Carnahan
Carole Lou Colvin
Mary Jo Cunningham
Patricia Anne Cunningham
Barbara Ann Curtis
Elaine Ann Danley
Constance Hultine Florschuetz
Phyllis Jean Floyd
Barbara Ann Gums
Charlene Marillyn Hamann
Mary Herman Heiberger

Sharon Noel Hoffmann
Jean Aileen Hunt
Martha Lee Johnson
Elizabeth Austin Kindle
Lucile Ione Lant
Mary Jane Lewis
Mary Alice Long
Eleanor Ann Masters
Ann Josephine Reeder
Jean Elizabeth Rushton
Wilma Ruth Schoeneweiss
Judith Ann Shipman
Constance Mary Spangemacher
Nancy Lou Steidner
Nancy Claire Stephan
Nancy Elizabeth Swain, High Honors

In Home Economics Education

Barbara Sue Albright
Kay Joyce Asay
Janet Rae Beard
Barbara Lundgren Breeze, Honors
Helen Anne Flewellyn, Honors
Marilyn Lubbers Lilly
Joyce Lynn Lutz
Joanne Elaine Miller

Barbara Sue Albright
Kay Joyce Asay
Janet Rae Beard
Barbara Lundgren Breeze, Honors
Helen Anne Flewellyn, Honors
Marilyn Lubbers Lilly
Joyce Lynn Lutz
Joanne Elaine Miller

Mary Elizabeth Moore, Honors
Joan Rose Olden, Honors
Nancy Frances Owens
Janet Faye Rutherford
Lois Irene Schauer
Janice Loreeta Tullock
Judith Ann Voyles
Sandra Marie Yazarian

In Horticultural Food Crops

Theodore Walter Ahrens

Richard Carson Jamison

In Restaurant Management

Alan Bruce Cork
Donald Roth Sheppelman

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

Robert Raymond Adler
Robert Peter Andris
William Herbert Baker, Jr.
Theodore Dewees Beck, Jr.
Tommy Ila Bell, Honors
Edward John Binder

Alvin Edgar Buggele
Arthur Burgelis
Jerome Joseph Carroll
Gordon Monroe Claycomb
Richard Shireman Crowder
Thomas Henry Cunningham

In Civil Engineering
BOARD OF TRUSTEES

[June 23]

EARL HUGH DOWELL, Honors
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EDWIN JORDON GOOZE
THOMAS CASPER KNIES
LEON STUTTS KNOWLES
SAUNDERS McCORD, Honors
JONH MICHAEL MESSICK

RICHARD LOUIS PAUL
OLLE FRANCIS RAGAN
HERSHEL SAMS
HARRY SAUERWEIN, Jr., High Honors
RONALD PETER SCHMITZ
DONALD HAROLD STOLL
HENRY GEORGE TIMMER, Honors
DONALD KENNETH MICHAEL WEIBY
RICHARD STILLMAN WHITE

In Agricultural Engineering

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MARVIN LEE GERDES
HERSCHEL HENRY KLUETER, Honors

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ROBERT GLENN FINKEL
LERoy JOHN GAFFNEY
CHARLES AINSLEY HALL, Honors

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WILLIAM HERBERT BEUTJER, Honors
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ROBERT BISHOP BRONSON
ALFREDO CARRIZOSA-GOMEZ
WILLIAM EMMITT CHASTAIN
RALPH JONES COFFEY
PATSY VINCENT DiBenedetto
RICHARD LEE DIX

In Civil Engineering

NORMAN PAUL AHRENS
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HARRY GREGORY ARJEN
ROBERT JACKSON BAIRD, High Honors
DAVID A. BECKMAN
CHARLES STANLEY BENDER
DONALD HENRY BRESEMANN
HARRY EDWARD BROBERG, High Honors
GORDON JEAN BUCHANAN
VERNON EUGENE CHUTE
RICHARD GRANT COOPER
WINSLOW POSTER COPE, High Honors
FRANK ANTHONY DALISSANDRO
EDWARD JAMES DILLON
FIELDER GEORGE DOWDING
IRVIN FREDERICK DRAEGER
HERNÁN DUQUE VILLEGAS

In Electrical Engineering

RICHARD LEE DURRETT
JOHN DEAN ELSOHN, High Honors
HARVEY FEINGOLD, Honors
MARVIN JOHN FRAZIER
CLYDE HENRY FREEMAN
HOBART EARLE GAAR
RUDOLPH FREDERICK GANS
BILLY EUGENE GARDER
JON CARL GEALOW, Honors
ROBERT HOWARD GNGLER
NORMAN ROBERT GETZIN, Honors
DANIEL G. GREEN, Honors
LOWELL EDWIN GRIFFITH
HUBERT LEE GRUSEN, High Honors
STEPHEN MARVIN HARRISON
VICTOR ANTON HAVEL, Jr.
LYNN JAMES HAWKES, Honors
<table>
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<tr>
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<td>Michael Lewis Haynes</td>
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<td>Daniel Joseph Hertz</td>
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<td>In Engineering Physics</td>
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In Mechanical Engineering

RICHARD RAYMOND ANDERSON
RICHARD STANLEY BAKER, JR.
DANIEL GENE BARBE
RAYMOND EMIL BECHERER
ROBERT JAMES BELL
GLEN LEE BELLWOS
DONALD LOUTS BIANCHETTA
RICHARD WILLIAM BIDSTRUP
PAUL ALBERT BIEK
LOWELL LARS BJORKLUND
ROYAL MARTIN BLISS, JR.
THOMAS EDWARD BRADFIELD
ARNOLD ARVIN BRODSKY
RALPH H. BUNTING, HONORS
KENNETH RAYMOND CARROLL
GEORGE ALLEN COWARD
FRANK GEORGE CUCCIO
DONALD PAUL CUMMINS
WARREN EMIL CUMMINS
RAY ARTHUR DAHMAN
RONALD EUGENE DEMSPSEY
JAMES FRANCIS DEPAUW
MARAN DING WA
JAMES ALFRED EDEUS
KEITH VERNELL EISBERG
ROBERT THOMAS FISCHER
DARRELL EUGENE FRANK, HONORS
CALVIN CHARLES FRANTZ
MORRIS ULYSSES FRITZ
SHERRIL FRANKLIN GLOVER, HONORS
EMMANUEL FRANCIS GUION
DALE HENRY HAGEN
GEORGE JAMES HAMOUZ
JIMMIE GLEN HANGARTNER
EDWARD RAYMOND HARENZA
HAROLD BENJAMIN HARRIS
DUANE HENRY HARWICK
BURTON HOWARD HOLIDAY, HONORS
HERBERT TATSUHIRO HONMA
FRANK WOLT HUNYADY
ALVARO INFANTE
PHILIP FERRIS KASBEER
JOSEPH FLOYD KENNELL

AMOS KESE
ROGER ARTHUR KIMBER, HONORS
HARRY ORLANDO KLEIN
RONALD FRANKLIN KNAPP
RICHARD GEORGE LEE, HONORS
DANIEL CHARLES LENKAITIS, HONORS
DONALD WILLIAM LINDBERG
ANDREW ROBERT MACHATA
JOHN RICHARD MACHIA
CHARLES NORGAARD MANN
ARNE HENRIK MAYALA
ROBERT ARTHUR MEDROW, HONORS
GARY BAKER MINEU
JEROME DOUGLAS MCKENNAHPT, HONORS
AUNG MYINT
ROBERT JOSEPH NIKOLAI
BURTON KENNETH OLSSON
RICHARD PAINE PARMELEE, HONORS
FRANKLYN JOHN PAUGH
THOMAS MIKE PAULSON
DEAN MASON PETERSON
NEIL ANTHONY LEON POLIT
RICHARD PALMER POTTER
LOREN DUANE PREST
JOHN FRANCIS REESE
CHARLES THOMAS SCHMIDT
JOSEPH MICHAEL SKURBISZ
KENNETH RAY SLANE
EDWIN FAWCETT SNOW
ALVIN ARNOLD SOLOMON
ALEJANDRO VALENCIA
DAVID CLARK WADE, HONORS
RICHARD MARTIN WALKER
DEAN DALE WALLING
GILBERT LEROY WEDDEKIND, HONORS
CARL ALFRED WELLENKOTTER
GEORGE JOSEPH WOOD
HERNAN YEPES AGREDO
ERWIN ALBERT ZEMKE

In Metallurgical Engineering

DARRYL LOUIS ALBRIGHT
WILLIAM RAYMOND BRZEGOWY
GLENN CAMPFIELD, JR.
JAMES DONALD FORTIER
IVARS FREIMANIS
DONALD RAY HISE
KENNETH ROBERT JANOWSKI
ARNOLD KERSTEIN
ROBERT EDMOND LUEJJE

MARSHALL DUANE MEYER, HONORS
LEO CONRAD MICHELs
DONALD ROBERT NERUDA
HENRY JOHN OBERLE, JR.
FREDERIC GEORGE SMITH
RICHARD ALAN WEINBERG
ROBERT MERL WILLARD

In Mining Engineering

DEAN WILLIAM BASELEY
THOMAS RICHARD BROWN, HONORS
ROBERT KIRK MURRAY
ROBERT JOSEPH PUSANIK
JOHN JAMES WARNER
GENE KENT WINELAND
UNIVERSITY OF ILLINOIS

1959]

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

SUSAN MINNIE ALBERS
ANN CAROLYN ALCOFF
LLOYD JON ALLISON
NORMAN ALLEN ANDERSEN
SAYRE DUNBAR ANDERSEN, Honors in
Liberal Arts and Sciences with
Highest Distinction in English
JAMES GUNNAR ANDREWS
ALICE ANALEE ATTENBERY, Honors in
Liberal Arts and Sciences with
Distinction in Botany
ROBERT HYLTON AYRE
JUDITH KAY BAIRD
DORCAS ELLEN BAKER, Honors in Lib-
eral Arts and Sciences
MARJORIE BERNADINE BAKER
NOREEN OLEMA BALDI
MARGUERITE PHYLLIS BALTON
DONALD ERNEST BARRIANT, Honors in
Liberal Arts and Sciences
DEMARRE BARNES
MILDRED TORCIA BARNETT
WILLIAM HORTON BARRY
RICHARD EUGENE BASS
RALPH DELANO BEAL
RUTHE MARIE BEALS
ALVIN GERALD BECKER
LUCILE HOUSE BELCHER
JOHN CARL BERGSTROM, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in Political Science
CHARLES WILFRED BILLS
LOUIS KAY BLACHER
SHIRLEY-ANN KATHERINE BLOEDORN
KENNETH SCHUMBERG BOWERS, Honors in
Liberal Arts and Sciences with
High Distinction in Philosophy
RICHARD EDWARD BOYLE, Honors in
Liberal Arts and Sciences
JAMES RICHARD BRADEN
JUDITH MAY BRANWY
NEIL JOSEPH BROWN
SUE CAROLYN BUCHHEIT, Honors in
Liberal Arts and Sciences
JOHN PATRICK BURKE, Honors in Lib-
eral Arts and Sciences
ARTHUR BURNETT
DAVID NIAL BUTTS
BARBARA DOROTHY BALLENGER
DAVID JOHN CADE
ARTHUR GERALD CARLSON
THOMAS ROBERT CHANDLER
JOHN DENNIS CISARIK
ROSEMARY COFFEY, Honors in Liberal
Arts and Sciences
LARRY EUGENE COLOMB
RONALD FRANKLIN COPLAN
KAY DARLENE COULTAS, Honors in
Liberal Arts and Sciences
HENRY JOSEPH CURTIS
JOSEPH VINCENT CUSIMANO
BARBARA HAZEL DEAL
CHARLES EUGENE DEMARS
MORRIS DICKINSON DENT
VIRGIL LAWRENCE DORSEY
DANIEL CHARLES ERIEDAM
JEANINE MARIE ELLIOTT
JOHN REGINALD ELLIOTT, Honors in
Liberal Arts and Sciences
CARENE MARBLE ERWIN, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in Sociology
DAVID RODGER EVOY
ROCHELLE FRANCES EZER, Honors in
Liberal Arts and Sciences
ROBERTA MAE FENDER
HAROLD DENNIS FISHER, Honors in
Liberal Arts and Sciences
RICHARD SHELTON FLEISHER
GERALD WILLARD FORD
PHYLLIS GAIL FOX
LEWIS ERSKINE FRAZIER
PAULINE MARIE GAMBILL, Honors in
Liberal Arts and Sciences with
High Distinction in Spanish
VALERIE KAY GERRIS
JOHN DAVID GOGERTY
RONALD DAVID GOLDBERG
LISA ANNE GOLDENBERG
BARBARA ANNE GORDON
JERALDINE KEPNER GORDON
HELEN SATTERFIELD GRANER
BARBARA BURNETTE GRAY
BARRY HOWARD GREENBURG
VELMA LOUISE BRANNON HAAKE
EDWIN RICHARD HAMILTON
JAMES LEROY HAMILTON
RICHARD DONALD HARVEY
RICHARD WALLACE HOFF
MICHAEL PAINE HOFFMAN, Honors in
Liberal Arts and Sciences with
Distinction in Anthropology
ANN VAUGHAN HOLMES
THOMAS EDMUND HORNBY
ALAN EDWARD HUDSON, Honors in
Liberal Arts and Sciences with
Distinction in Russian
MICHAEL ANTHONY IGOU
JOSEPH ALEX INGALA
WALTER CHARLES JACUS
JAMES DRAKE JAMES
HARRY EMMANUEL JOHNSON
KENNETH ALBERT JOHNSON, Honors in
Liberal Arts and Sciences with
Distinction in Mathematics
ROLLIN ALBERT JOHNSON
FRED MARTIN KANTER
LILLIAN THERESA KAPUSTKA
LILA DEBRA KATZ
ROBERT CHARLES KAUFMAN
THOMAS ROST KAUKS, Honors in Liberal Arts and Sciences
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PATRICK JOSEPH KING
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BERNADINE THERESE BLOMQVIST
CARLENE MARGARET CARLOTTA
BLUMENTHAL
VIRGINIA EILEEN BOLIN, Honors in Lib-
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JANE WHITNEY PAULNER, Honors in
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Liberal Arts and Sciences
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VIRGINIA VERTIME TEARLEN, Honors in
Liberal Arts and Sciences
JUDITH EILEEN TRUMMEL, Honors in
Liberal Arts and Sciences
CAROL ANN WALKER, Honors in Liberal
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tinction in the Curriculum
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PRISCILLA FISHER WOLZ, Honors in
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Distinction in the Curriculum
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MARJORIE JOAN ANDERSON
ANN ELIZABETH EHRLICH
SANDRA JEAN GREENLEAF, Honors in
Liberal Arts and Sciences
In the Teaching of German

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EVELINA KAMINSKAS

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ROSEMARY ANNE SUAREZ

In the Teaching of Speech

GARLAND TEMPLE BORNE
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PATRICIA EILEEN FREEHILL

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In Chemical Engineering

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A. B. O. A. E.

In Liberal Arts and Sciences

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Marilyn Nina Ecker

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In Physics

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CLAIR LEE COOK, Jr., A.B., 1954; Honors  
HOWARD MORTON DENENBERG, B.S., Northwestern University, 1956  
ZELDA TRENNER DEBER, A.B., University of Akron, 1934  
JOHN PORTER EAST, A.B., Earlham College, 1953  
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REGINA GYTE FIRANT, A.B., 1957  
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James Kenner Whittaker, A.B., 1957
Carl Francis Wrench, A.B., 1957; Honors

College of Education
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In Education

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Beverly Diane Barr
Carl Emsley Bass
Carol Ann Brandt, Honors
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Donna Rae Chiles
Leo Henry Emery
Betty Black Henry
Frank Edward Keppeler
Elizabeth Brown Lloyd

Marilyn Marguerite McWard
Jane Berry Park
Mary Evelyn Smith Reagan
Richard Paul Sargent
Joseph Dixon Smith
James Carl Timpe
Yvonne Frances Vish
Virginia Quarters Wayne
Gail Foster Welch
Arthur Wiseman
Allan Shaw Wolfson

In the Education of Mentally Handicapped Children

Arlene Sheila Dunne
Dono Re Toler Heins, High Honors
Aviva Katz

Stuart Bayes McKenty
Evelyn Bernice Ruprecht
Iris Jacobs Sarro, Honors

In Elementary Education

Jacqueline Lyndall Abrams
Lynne Iris Alderman
Shirley Marie Alexander
Suzanne Althoff, High Honors
Irene Delilora Anderson
Janet Lee Aten
Connie Bednarz Babcock
Dorothy Ann Baran
Barbara Ann Beckwith
Brindall Berest
Arline Faye Bergquist
Marilyn Louise Bolchert
Nancy Irene Bolit
Patricia Miller Breckenridge
Rhea Davis Cabin, High Honors
Alice Beverly Carlson
Betty Fung-Kei Chan
Judy Margaret Clark
Marilyn Scanzoni Collins
Mary Carr Cooley
Carol Ann Cox
Kathryn Mary Daly
Carolyn Fay Darch
Mary Anne Davison
Meredith Ann Dykstra, Honors
Joseph Karl Eberhart
Joyce Anne Erickson
Nancy Carol Evans, High Honors
Sondra Rosin Fishman, Honors
Mary Lucinda Forsyth

Marilyn Marguerite McWard
Jane Berry Park
Mary Evelyn Smith Reagan
Richard Paul Sargent
Joseph Dixon Smith
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Virginia Quarters Wayne
Gail Foster Welch
Arthur Wiseman
Allan Shaw Wolfson

Linda Sue Freeman, Honors
Judith Ann Friebly
Mary Elizabeth Gerspachter
Wilma Adrienne Gillman
Joanne Ethel Glaeser
Joyce Raeza Goodman
Jean Ann Hamilton
Marie Peters Harlan, Highest Honors

Carol Corene Heath
Sima Doreen Heftel
Norma Jean Highlander
Judith Lynn Hively
Wilma Grace Hollenback
Betty Jean Holpuch, High Honors
Peggy Ingalls
Jo Ann Ivens, Honors
Karen Kaufmann
Sue Zan Keagle
Sheila Weinberg Keeshin
Gloria June Keller
Isabel Enerborg Kennedy
Janice Lee Keren
Suzanne Marie King
Mary Ellen Christine Kjellgren
Louise Flacks Kurash
Barbara Lucile Langley
Patricia Elizabeth Lazey
Mary Ann Leonard
Nancy Lee Lynn
Patria Louise Long  Barbara Max Sapp
Janet Kay Mcbain, High Honors  Carol Jean Schmitt
Patricia Ann McCormick, Highest  Mary Elizabeth Schnobrich
Honors  Mary Culp Schab
Mildred McMurray, Honors  Beatrice Ann Sciarini, High Honors
Merle Weiss Mcw ard  Louisa May Semerdjian
Alexis Michale  Francine Carol Shapiro
Ethel Harriet Minor  Mary Ann Shurtz
Evelyn Pauline Mintun  Alice Marie Sklenicka, Honors
Altricia Roene Misse  Verka Ruhlman Slater
Colleen Edna Moriarty  Mary Ann Smith
Patricia Ann Mollowney  Ann Claire Sognefest
Judith Kay Orr  Jane Carol Speers
Adrienne Sandra Paull  Ina Sue Starr
Beth Margaret Pearson  Lucille Kardin Stewart
Anne Carolyn Pickett, Honors  Carol Ann Tarabash
Judith Ann Pietsch  Judith Anne Taylor
Susan Nell Prillaman  Juanita Rhodes Thomas
Betty Montgomery Rich  Ruth Mildred Townsend
Symma Kitover Rich  Joan Brejcha Votkuba, High Honors
Sondra Kay Ripes  Jill Wallace
Betty Kenyon Rooker, Honors  Margaret Redwick Walters
Patricia Ann Sager  Diane Ruth Wehrmeister
Arlene Fanny Samuel  Carol Reed Weiss, Honors
Virginia Bauman Zalesky, Honors

In Industrial Education

Robert Callen Bartlett  David George Rewerts
Thomas Donald Boyle  Arno Henry Schriefer, Jr.
Robert Crichton Brown  Donald Earl Smith
William Eugene Dearworth  Alvin Lee Van Cleave

College of Commerce and Business Administration

Degree of Bachelor of Science

In Accountancy

Paul Edward Altig  Allan Louis Jandera
Ronald Lloyd Angle  James Charles Jarrell
Allan Edward Biblin, Honors  Solomon M. Kamm, Honors
Bruce Howard Block  Alfred Lloyd Killian
Neil Gary Bluhm  Richard Edgar Kirchhoff
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Roder Wayne Callihan, Honors  Michael Levy Lowenthal
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Kenneth James Cochrane, Honors  Burton Malow
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Royal Lee Cox, Honors  Joseph Miller
Marvin Duane Dennis  Robert Manley Naiman
Derald Clarence Doering  Clifford Mark Nelson
Dean Donald Drewel  William Ernst Niept
Donald Lester Ferris  David Francis Peters
Richard Mayer Fischmar  Arnold Joseph Podsimek
Richard Alan Goldstine, Honors  Philip Tilden Reinstein
Ronald Ray Guthoff  Harold August Rieck
Kenneth Allen Hamilton  Joseph Vincent Roddy, Honors
George Lewis Harlan  Earl Coolley Roller, Jr.
Victor Lyle Harvey  Louis Edward Rosen, Honors
Jay Edmund Hechtman  David Lee Royalty
Wilbur Lee Holmes  Ira Kopel Satyr
Dorothy May Huisinga  Eleanor Shook
Robert Lee Stone
Edward James Strasma
William Harrison Strating
Sara Nan Stufflebeam
Michael Bruce Susman
Paul John Swanson, Jr.
Nancy Lorraine Thompson
Philip Wayne Tigan
Dale Dwayne Traxler
Cornelius Verhoog

Frank Vermaat, Jr.
Jerry Jay Weinstein
Henry Barth Weisart
Donald John Werner
Robert Barry Wexler
William Charles Wilkin
June Brummel Woodward
John Elmer Young
Thomas Oliver Zink

In Accountancy and Finance
Wilbert Joseph Pickler, Honors

Joseph Albert Edwards
James Arthur Lawder, Jr.
Robert Erwin Martensen
Alfonso William Razzano
Charles Gant Redmon, Jr.

Spencer William Schwartz
Joel Sherwin Solovy
Edward Paul Tepper
James Merle Treece
Donald Elmer Weihl

In Commerce and Law

In Commercial Teaching

Carol Ann Crosby
Carol Nadine Ekstrom
Melva Frances Gage
Kenneth Charles Gillespie

Mary Margaret Graham
Carolyn Marie Konneker
Barbara Seed
Ronald Dean Stablein

In Economics

Charles William Allison
Sheldon Harold Becker
Vorres Junior Blankenship, Honors
Daniel Bradley Blodgett
John Charles Eisenhammer
Allen Joseph Fagel
Kay Rita Goldsmith
Willmore Crane Hastings

Alphonse George Holtmann
Elmer Lee Jacobs
Joseph Alvyus Mann
James Michael O’Mara
Carl Francis Reid
Tadashi Uchida
David Edwin Ward, Honors

In Finance

David Gordon Boling
Glenn Montgomery Campbell
Robert Lewis Condon
David George Forestner
James Lee Puttermann
Stanley Jay Horn
Howard Clark Humphrey
Albert Roy Lorenz
John Leeper McDonald, Jr.

Morrie Much
David Edwin Peterson, High Honors
Richard Eugene Pilsner
Donald Quentin Reynolds
Sanford Richman
John Kenneth Rosko
Alan Phelps Spangler
Lawrence William Weinstock
Michael George Zimmer

In Industrial Administration

David Boris Bell
Raymond Martin Fergus, Honors

Charles Ellsworth Long III

In Management

Robert Franklin Allen
Vytalas Arickas
John Wesley Bandy
Arthur John Bretschier
Jack Edwin Brier
Anthony Joseph Danosky
William Charles Davenport
Donald Wyllie Davis
Paul Herbert Dittmer

Phillip Frederick Dressel
David Lewis Evans
Charles Edward Finch
Edwin Marvin Goldman
Glen Wesley Goodwin
Thomas Rae Hagerty
Alan Richard Higgins
Clarence Roy Jackson
Roger Coleman Jeffers
DOUGLAS EDWARD JOHNSON
WILLIAM KAPER, JR.
RAYMOND CARL KEISTER
JAMES M. KOUZES
HENRY WILLIAM LANG
FRANK MAJocha
DAVID WILSON McMACKIN
JAMES JOHN MCMILLEN
SANFORD HAROLD MEISELMAN
MATTHEW ALFRED PEDOTE

JAMES EDWARD PHILLIPS
JOHN PATRICK PHILLIPS, High Honors
THOMAS EDWARD SCHNEIDER
MILTON EUGENE SIMANTEL
RONALD DAVID SONNEMAN
WILLIAM FLOYD TERRY, Jr.
HAROLD WILLIAM WALther
BARBARA ANN WILFORD
ROBERT ALAN YOUNG

In Management and Marketing

RICHARD SWIFT WINTON

Owen Hoerr ACKERMAN
Stewart Marvin Aggos
Robert Atkins Baum
Harry Forrest Beach
Judith Lynn BLEIWEISS
Jon Paul Book
James Arthur COLEMAN
Terry Allen Costello
Warren TRUE Creviston, Jr.
Ronald Joseph Cwik
Earl Dean Dillman
Martin Joseph Farrell
Harry Eugene Freyte
William Arthur Gerber
Werner Peter Holzer
Raymond Dela Hubbs, Jr.
Lynda Young Humphrey
James Stafford Huylers
Louis Anne Jacob
Bruce Stewart Jewell
James Howard Keefer
Arthur Eugene Larson
Melville Lewis Lawrence
John Henry Lehmann
Ronald Ralph Lemenager
Robert Elliott Lewis
Marshall Lewis Marie
Joseph Hugh MacDonald
Howard Dax McCracken
Boyce Richard McWard

CARL JOSEPH M eskimen
LEONARD A. MESSINEO
CHARLES ALLAN MILLER
GEORGE RICHARD MILLER
RONALD MAXWELL MILLER
RICHARD LEE MUeller
LUCY NEET
AUDREY MARIA OSTROM
MARTIN JOSEPH OWENS
ROBERT JAMES PASSANEAN
TERRY RALPH PUTMAN
THOMAS GRANT REES
GEORGE MATTHEW REZANKA
MAURICE ROTH
JOHN JOSEPH RUTH
RICHARD CASIMIR RYMUT
MARVIN SANDERMAN
BEVERLY ANN SCHMAEDICK
RICHARD JAMES SHERMAN
JAMES LAWRENCE SMITH III
ROSS MILLER SMITH, Honors
BRUCE STALKER
DAVID PAUL STURHANH
LARRY KENT TAYLOR
BERNARD JOSEPH THIEL
PAUL FREDERICK THOMPSON II
THOMAS ERWIN VIERK
ROY JOE WATKINS, Honors
JAMES WILLARD WEEKS
FRED LOUIS WHAM III

In Secretarial Training

JOYCE DELVINA AGRESS
MILDRED JOYCE HEPFER
JOAN MARIE KOTFLA

MARLENE MARIE MAZER
ELIZABETH YUKI ODA

In Urban Land Economics

JOHN WILLIAM CONNOLLY
DAVID FARRAND LIVINGSTON, JR.

EDGAR BYJERRE MADSEN
ROBERT IRVING PORGES

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

RICHARD LEE ADAMS, Honors
NEAL BALL
THOMAS SANBORN BARBER
RICHARD JAMES BAUER

JAMES DUNCAN BELL
DAVID SANFORD BLOXSOm
FRANCIS WILLIAM CAHill
MAY HELEN COFFMAN
RONALD ELI COHEN
JUDITH HELEN COLEMAN
ROBERT PHILIP CRAWFORD
DIANE CROLL
WILLIAM WARREN DONAHOO
MARK BURTON DURSLAG
THOMAS KEITH ETNYRE, Honors
MORTON GOULD
GEORGE ALFRED GRUBB, Honors
HENRY ORLANDERS HARDY
JUDY MARIE HEDGER
LOWELL LAWRENCE HEDRICK, Jr.
CHARLES EARL HIPPLER
JOAN ELAINE HOFFMAN
THOMAS LEE JONES
DONALD JOSEPH KAISER
JAMES EDWARD KIMMEL
PAUL CARL KROUSE
CAROL ROSALIE LEAF
MICHAEL DAVID LEE
CHARLES WESLEY LEONARD
JAMES THOMAS LEWIS
CONRAD EAL LOCANDER
CHARLES RICHARD LOEBBKA
DONALD MACARTHUR
PAUL GLEN MEEDEN
ROBERT EUGENE MILLER

MARY SCHUMACHER MOHRMAN, High Honors
JANICE LANKTON NEGLEY
MICHAEL EARL NEGLEY
ROBERT CHARLES NEWTH
GERARD FERGUS NUENT
ROBERT WILLIAM O’ROURKE
JEANNINE LORETTA RHINE
MARY JOANNA RUSSELL
JUDITH RALF SCHIMMEL
RICHARD ALLEN SCHWARZLOSE, Honors
MARIA JANE SCOFORAKES
JAMES JOSEPH SHAPIRO, Honors
JOAN MARLENE SMARR
SANDRA LEE UNDERWOOD, Honors
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KAREN VAN DOREN
RAYMOND EDMUND VAN Natta, Jr.
PHYLLIS GARNAY VY
HOWARD RUSSELL WALKER
SCOTT BAIRD WALKER
DAVID EDWARD WILKE
GEORGE WENDELL WILLHITE
RICHARD GERALD WILLIFORD
BETTY CAROLYN WOLF
MARTIN NELSON WYANT

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

JAMES ALBERT BABCOCK
EUGENE ELMER BAETHKE
HAROLD VAN CLEVE BEXTEL, Jr.
ANTHONY LEE BENAVOLONTA
ALVAN PAUL BREITWEISER
ORLANDO RIVERA CABANBAN
BENJAMIN WARRINGTON CARR
JOAN ELIZABETH CHAPIN
PATRICK JAMES CLARK
DONALD GREER COURTEAU, High Honors
THOMAS MICHAEL DEVINE
EZRA EDDIE DWECK
DONALD GORDON ENGELHARD, High Honors
ALBERT EUGENE FABRO
JAMES ANTHONY FOLLENSHEE
GUIDO FRANCESCATO, Honors
SANFORD FURMAN
BERNARD GOLD
STANLEY KAZIMIR GORSKI
JOHN GARY GRIFFITH
ROGER LEE GRULKE
EDWARD SHOCK HALL
PAUL NORMAN HELMLE
JOHN CHARLES HERENDEN
ANTHONY JOSEPH IURO
ALLEN JEW
RALPH DONALD JOHNSON
WALTHER LEROY KELLER
MICHAEL KARL Kohn
JAMES ALLEN KURZ
BRIAN FOIX LARSON

NICHOLAS ROGER LIVINGSTON
PHILIP MICHAEL LOCASHIO, Honors
RICHARD PETER MANN
THOMAS AYDEN Mccoy
JOEL ALFRED Mcconald
HAROLD EDGAR MILLER
DONALD THEODORE NORDSTROM
RONALD ANTHONY PERNER
LEONARD ALGOT PETERSON
DONALD CLYDE PICKEN
GORDON RAYMOND PIERCE
RONALD STANLEY PIOTROWSKI
ROSS THOMAS POTTER
TED STEVE QUINTAS
FRANK EDWARD RAYMOND
URBAN LYNN READY
ENDMANN KURT RIEDEL, Honors
ANTHONY M. RODRIGUEZ
THEODORUS RUYS
SHELTON ALVIN SASLOW
RICHARD JOHN SCHWARZ, Honors
THEODORE SCROPOS
SCOTT LEE SKATON, Honors
GERALD KENNETH SLAVIN
JEROME STEPHEN SLOMKA
ROBERT BYRON SMITH
JOANN WAHL SPORLDER
MILES EARL STAHM
HERBERT LAWRENCE STATLER
ROBERT EDMUND SUDBRING
RICHARD EDWARD SWIDOLD
DENNIS RUSSELL THOMPSEN
Joseph Andrew Vanecko  
Joseph Edward Vitt, Jr.  
Kenneth Arthur Wagner, Jr.  
Louis Arthur Weiss  

Donald Curtis Whitmore  
Charles David Winkler  
Joseph Martin Zaremba, Jr.  

Degree of Bachelor of Fine Arts

In Advertising Design

Paula Renee Berlet  
Lewis Thornton Bodecker  
Frank Angelo Catania  
Patricia Ann Gallagher  
Susan Jane Giessman  
Thomas Carlyle Heinz  
Michael Kahn  
Katherine Jane Kendeigh, Honors  

In Art Education

Delores Anne Darby, Honors  
Barbara Carol Fitzgerald  
Dianne Mary Kesser, Honors  
Carol Jean Lang  

In Industrial Design

John Richard Aimone  
William Frank Babcock  
Jerome Carmel Caruso, Honors  
Richard Ellsworth Cobb  
Jordan Sidney Fishman  
Albert Kiler Grethely  
Walter Thomas Gunn  
Walter Brown Herbst  
Henry Raymond Hosman  
Stanley Hugh Hutchinson  
Orville Walter Larson  

In Landscape Architecture

Herman Dirks  
Glen Owen Eicher  
Marvin Saul Feld, Honors  
Thomas Andrew Ficht  
Frank McCaskell Hedgcock  

In Painting

Emily Louise Belleff  
David Clark Bower  
Ronald Walter Buksbaum  
Sandra Jean Gierke  
Konal Kolish, High Honors  
Anja Alma Kuoppala, Honors  
Sophie Hazel Sarlas  

In Music

Charles Clifford Aschbrenner,  
Highest Honors  
Jan Morris Bach, High Honors  

Degree of Bachelor of Science

In City Planning

Joseph Herman Abel  
Maarten Walter Dake, High Honors  
Judith Katherine Klepingher  

Howard Miura  
Thomas Lynn Nurse  
Carlton Charles Reed, Honors
In Music Education

DOROTHY IVERS ABERNATHIE
JOAN DEARDUFF BARR
JANICE LEE CAMP
ELAINE COADY, Honors
SANDRA JEAN EFFARD, High Honors
JOSPEH CARL PIRANTELLO
GEORGE WILLIAM GREIS
HAROLD GEORGE GREINKE
WILLARD VALGENCE HAYWORTH
GEORGE JOSEPH HENKEL, Jr.
BENJAMIN ALEXANDER HENRY, Jr.
COLETTE MARIE HOLMAN, Honors
RUTH ANN JOHNSON
SUSAN CHARLOTTE KNIGHT
MARLENE JOYCE LITWILLER
MARY ELIZABETH LUTZ, Highest Honors
ELIZABETH McHOSE, Highest Honors
RUTH CAROL MILLER, Honors
JOHN GEORGE NEMETH
GILBERT JAMES PAPP
RANDALL THURSTON PELKEY
ROBERT NEIL PIVER, Honors
MARY ANN ROCKSTAD, High Honors
LOIS LEE RUCKER, Honors
MARYLYNN FRANCES ST. AUBIN
MARGARET ANN SISK, Highest Honors
RICHARD WAYNE VANDAMENT, High Honors
MARTHA ANN WENDT, Highest Honors
JENNY LYND WERTHEIM, Honors
NANCY JO WILLIAMS, Highest Honors
JUDITH ANN ZUKERMAN

College of Physical Education

Degree of Bachelor of Science

In Physical Education

PAUL ALEX ADAMS
PATRICIA ANN ALBEE, High Honors
DONALD CARL ARSENEAU
REX KIMBAL BERRY
CARLOTTA HAGEN BIELFELDT
BARBARA MARY BRADBURN
HAROLD BROWNSTEIN
RICHARD LEE BUESINGER
JOHN BERNARD CHESTER
JERALD DEAN CHRISTIAN
JAMES EDWARD Cvik
JOHN WILLIAM DELVEAUX
SIMONE LEE DRAKE
PAUL HARVEY DREGER
PATRICIA ANN DUNN
JOAN MARIE ERFST
JOHN NEILSON FIX
PHILIP ROGER FLANIGAN
RERoy JOHN FRIDERICHs
EDWARD ANDREW GOMBOS, Honors
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DONALD LYLE GROTHE
PAUL ALEX ADAMS
PATRICIA ANN ALBEE, High Honors
DONALD CARL ARSENEAU
REX KIMBAL BERRY
CARLOTTA HAGEN BIELFELDT
BARBARA MARY BRADBURN
HAROLD BROWNSTEIN
RICHARD LEE BUESINGER
JOHN BERNARD CHESTER
JERALD DEAN CHRISTIAN
JAMES EDWARD Cvik
JOHN WILLIAM DELVEAUX
SIMONE LEE DRAKE
PAUL HARVEY DREGER
PATRICIA ANN DUNN
JOAN MARIE ERFST
JOHN NEILSON FIX
PHILIP ROGER FLANIGAN
RERoy JOHN FRIDERICHs
EDWARD ANDREW GOMBOS, Honors
ROBERT HENRY GREGURICH
WALTER RAYMOND GROGAN
DONALD LYLE GROTHE

In Recreation

GAIL LUCILLE BREFELD
KENT PARKER BRENNER
MARY DELL CARTER
PATRICIA MCKEE COLE
ROBERTA LEE JOHNSON
JANET LINDNER KASBEER
JOIENE MARIE LANSSEN
ERIC LEVY
PEGGY JEAN MERIDETH
RONALD LARRY MITCHELL
STEPHEN JOHN MOLARO
MARLENE JOY MOLL, Honors
GEORGE DENNIS Niva
THOMAS LEONARD Nolan, Jr.
WILLIAM MARTIN OPPENBECHER
PHYLLIS CATHERINE PIOTROWSKI, High Honors
CHARLES JAMES RASMUSSEN
FRANK GEORGE SCHWARTZ, JR.
NANCY JANE SWIKLE
FRANCIS MARTIN WALSH
JOANNA ZUBATY

Division of Special Services for War Veterans

Degree of Bachelor of Science

RICHARD CHARLES ADAMS
WILLIAM BUSS ADAMS
DONALD AYERS
CHRIS JAMES BARCA
LOUIS BRIDGE BEARDSLEE III
GREGORY DRAPER BELDING
RICHARD CHARLES ADAMS
WILLIAM BUSS ADAMS
DONALD AYERS
CHRIS JAMES BARCA
LOUIS BRIDGE BEARDSLEE III
GREGORY DRAPER BELDING
FORREST JAY BERGHORN
ALBERT FRANCIS BERGSCHNEIDER, Honors
PETER BLANCO, Jr.
RONALD LEE BLACK
RONALD BRUNO BOLDA

Division of Special Services for War Veterans

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WILLIAM BUSS ADAMS
DONALD AYERS
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LOUIS BRIDGE BEARDSLEE III
GREGORY DRAPER BELDING
RICHARD CHARLES ADAMS
WILLIAM BUSS ADAMS
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LOUIS BRIDGE BEARDSLEE III
GREGORY DRAPER BELDING
FORREST JAY BERGHORN
ALBERT FRANCIS BERGSCHNEIDER, Honors
PETER BLANCO, Jr.
RONALD LEE BLACK
RONALD BRUNO BOLDA
COLLEGE OF VETERINARY MEDICINE

Degree of Bachelor of Science

In Veterinary Medicine

CARL THOMAS ARMSTRONG, JR.
CALVIN WILLIAM BARTHEL
DEE CHARLES BOSWELL
RICHARD PATTON BRADBURY
JOSEPH LEO BREWER
MARVIN ALLEN COSNOW
ALBERT JUNIOR DAY
EDWARD JOHN DICK
JOSEPH ANTHONY DUCE, HONORS
DONALD BURTON FEDELMAN
LAWRENCE FRIEDMAN
ROBERT EUGENE HAMPTON
GERALD HERMAN HANKES
JOHN KENDALL HARDING, HONORS
CHARLES GOLDEN HENDRICKSON
ROBERT STEPHEN HERTH, HONORS
JOHN WILLIAM HORN
DAVID LESLIE HUXSOFF, HONORS
ROBERT LYNN KINSER
WESLEY DALE KNUTSON
KENNETH EDWARD KOPECKY
LOUIS ERNST LANDAU
CAROL MAX LANG
NOEL DAVID MARION LEHNER
MARJORIE BRAUN LOSCH
WILLIAM REEL LOSCH
FRED HARRY OLIN
LEE FRANK PATEL
JOHN WAYNE REHN
LAWRENCE JOSEPH RODER
PHILIP QUENTEN ROSE
ELLIS EARL SEAVEY
LOUIS EDWARD STRACK, HONORS
LESTER GARLAND THOMSON
FREDIE LEROY UHLAND
KENNETH LOUIS WRONKE

Degree of Doctor of Veterinary Medicine

DALE MILTON BENNETT
Dwight Granville Bennett, Jr.
ROBERT STEVENS BLAKELY
MORRIS DAVID BULGER
WILLIAM EDWARD BRITZ, JR.
GLEN DAVID CALHOUN
MARVIN THEODORE CASE
MELVIN GEORGE DEWEY
MAYNARD OSCAR ENGSTROM
DONALD LOUIS HOUSTON
JERALD WAYNE KLECKLER
ROGER ANTHONY LITZ
ROBERT MARVIN MACK

HAROLD GLEN MEINER
BERYL DAVID MELL
JACK DORNER NOYES
ROBERT ALLEN PRICE
DANIEL WILLIAM SCHAMPER
RUSSELL LEE SCHNEPPER
JAMES VICTOR SCOTT
DONALD LEE SINGLETARY
ROBERT GENE WILLIAMS, HONORS
ROBERT JUSTIN YOUNG
PHILIP ZAND
WESLEY JAY ZEHR
Degrees Conferred at Chicago

HONORARY DEGREE

Degree of Doctor of Science

Ernest H. Volwiler

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Anatomy

Herman Medak, B.S., University of Toledo, 1943; D.D.S., M.S., Northwestern University, 1946

In Biological Chemistry

Bernice Lottie Dmuchowski, B.S., 1951; M.S., Northwestern University, 1954
Gladys Gold Krakow, B.S., Roosevelt University, 1952; M.S., 1957

In Microbiology

John Willard Rippon, B.S., University of Toledo, 1953; M.S., 1957

In Physiology

Robert Alan Baratz, B.S., University of Wisconsin, 1952; M.S., 1954

Degree of Master of Science

In Anatomy

Donald Fairbairn MacDougall Bunce II, B.S., University of Miami, 1951
Margaret Wilkins Dubois, B.S., Roosevelt University, 1955
John Francis Stremple, A.B., Lake Forest College, 1957
Sunder Jethanand Vazirani, B.D.S., University of Bombay (India), 1952

In Biological Chemistry

Ralph Herman Kathan, B.S., University of Chicago, 1949

In Chemistry (Pharmaceutical)

John Leland Fischer, B.S., 1955
Bruce Douglas Martin, B.S., Union University, 1955

In Histology

Robert Ernest Going, A.B., Valparaiso University, 1948; B.S., D.D.S., 1951, 1953
Richard Leigh Hoffman, D.D.S., Northwestern University, 1946
Frederick James Marshall, D.M.D., University of Oregon, 1949
William Arthur Miller, B.D.S., University of London (England), 1956

In Microbiology

Lawrence Joseph Alfred, B.S., Xavier University, 1952
Robert Max Bechtle, A.B., State Teachers College (Valley City, North Dakota), 1947
Ronald Alan Zussman, B.S., Loyola University, 1957

In Oral Surgery

In Orthodontics

ROBERT ANDREW ANDERSON, B.S., Oregon State College, 1952; D.M.D., University of Oregon, 1954
KLEWE CARLYLE JOHNSON, B.S., D.M.D., University of Oregon, 1953, 1955
JOHN JOSEPH SCULLY, D.D.S., University of Pennsylvania, 1954
BERNARD ARTHUR YENNE, D.M.D., University of Oregon, 1954

In Pathology

DAVID ANTHONY ROTHSTEIN, B.S., 1957

In Pedodontics

WILLIAM ANTHONY BARRY BROWN, L.D.S., Guy's Hospital Dental School (England), 1950
IRAIDA PINHEIRO GARCIA, A.B., Winthrop College, 1952; D.D.S., Loyola University, 1957
MARVIN KOZLOV, B.S., D.D.S., 1954
HANDELORE LOEY, C.D., University of Sao Paulo (Brazil), 1953
NIRMALA HASHMATRAI MANSUKHANI, L.D.Sc., Nair Hospital Dental College (India), 1954

In Pharmacology

JOHN CLYDE BRINLING, B.S., Duquesne University, 1957
JOSEPH RICHARD DAVIS, B.S., M.D., 1956, 1958
JEAN-LOUIS ROGER RIEHL, B.S., M.D., 1952, 1954, 1956
FARK WAYNE WAGERS, B.S., University of Kansas, 1954

In Physiology

HENRY LAWRENCE MCCROY, B.S., M.S., University of Michigan, 1949, 1950
JOHN MANIERE MILLS, A.B., A.B., 1955, 1957
ERNEST JOHN SUKOWSKI, B.S., Loyola University, 1954

In Physiology (Clinical Science)

CURT WOLDEMAR LIEPRNS, M.D., University of Marburg (Germany), 1950
C.S. NARAYANA SETTY, M.B.B.S., University of Mysore (India), 1948
RYUTA SUZUKI, M.D., Keio University (Japan), 1949

In Surgery

GEORGE JOSEPH MARIAN SLAWIKOWSKI, B.S., A.M., Cambridge University (England), 1952, 1956; M.B., Ch.B., University of Edinburgh (Scotland), 1955

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

EUGENE ELLISON AIKMAN, B.S., 1957
HENRY BAER, B.S., 1957
DENNIS BYRON BARBER, A.B., Washington University, 1955
ERWIN PHILLIP BARRINGTON, B.S., 1957
ROBERT LAVERNE BRADBURY, B.S., 1957
DEAN VARIAN BRADLEY, B.S., Elmhurst College, 1951
EDWARD BRENNER, B.S., Roosevelt University, 1955; B.S., 1957
TRACY LELAND BRYANT, JR., B.S., United States Merchant Marine Academy, 1954
JAMES LOWELL BUCKNER, B.S., 1957
ANTHONY FRANK CASTROGIOVANNI ROBERT JOSEPH CHALLENGER, B.S., 1957

ARNOLD CLEVS, B.S., 1957
BERNARD MARION COLE, B.S., 1957
JAMES FREDERIC CRAMER, B.S., 1957
FRANK PAUL DEGAETANO
WILLIAM GEORGE DRACOS, B.S., 1957
ALLEN IRVING DRYCH, B.S., 1958
ALFRED FERDAN, B.S., 1955
LEONARD IRWIN FISCHBACH, B.S., 1957
ROBERT JOSEPH FLAMER, B.S., 1957
ARTHUR FLICKER, B.S., 1955, 1958
CYRIL LEO FRIEND, JR., B.S., 1957
WILLIAM EDWARD FRYMIRE, B.S., 1955, 1957
WAYNE MERRILL GILMORE, A.B., Beloit College, 1955; B.S., 1957
ARNOLD GOLDSTEIN, B.S., 1955, 1957
JOSEPH WILLIAM GRUBER, JR., B.S., 1957
JAMES EDWARD HAGE, B.S., 1957
JERRY DEAN HILL
LAWRENCE SHERWOOD HOCHMAN, B.S., 1957
JOHN OSCAR HUDGINS, Jr., A.B., Southern Illinois University, 1955; B.S., 1957
ROBERT HUGH HUMPHREY
MILTON JACK ISAACS, B.S., 1957
ALBERT LEVERT JACKSON
BARRY ALLAN JANOV, B.S., 1957
GUNTER JULIUS KAZALLA, A.B., B.S., 1951, 1957
GEORGE FRANCIS KENNEDY
MORTON KREITZMAN, B.S., 1957
CLIFFORD SHOJI KUWAMOTO, B.S., Michigan State University, 1950; M.S., University of Chicago, 1951
ROBERT LEE LARSEN, A.B., Augustana College, 1955; B.S., 1957
IRVING JEROME LEONARD, B.S., 1957
WILLIAM HERMAN LINDENBERG, B.S., 1957
LEO LEONARD LUNDBERG, A.B., Augustana College, 1952
ALVIN MEDVIN, B.S., 1955, 1958
ROGER CHARLES MICHAELSEN
BRUCE MOWAT

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Occupational Therapy

JANET ASTRID ANDERSON
SYLVIA KINKO ARAKAWA
ROCHELLE BARRE
MARIANNE BERNICE BERCHER
EMILIE CLAIRE CUNNINGHAM BISHOP, with Honors
GILBERT LEE FINK, with Honors
MARSHA ANN GROSS, with Honors
RUTH GOLDSCHMIDT GROSSMAN
BETTY LOUISE HURWITZ

Degree of Doctor of Medicine

GEORGE DONALD AURAND, A.B., Lake Forest College, 1955; B.S., 1957
WILLIAM EDGAR BAILEY, B.S., 1957
CHARLES SYDNEY BAKER, B.S., 1952, 1958
JOHN STARK BARKER, B.S., 1957
ROBERT FORREST BARNES, B.S., 1957
RONALD JULIUS BECK, B.S., 1957
JOHN LOWELL BENDER, B.S., 1957
ROBERT FRANKLIN BERGERON, B.S., 1958
LEONARD BERTIN, B.S., 1957
RAYMOND ALTON BESSEMER, A.B., University of Chicago, 1954
JOHN DONALD BEST, B.S., 1957
GORDON RICHARD BLOOMBERG, A.B., B.S., 1955, 1957
PETER ALBERTUS BOELENS, B.S., Calvin College, 1957; B.S., 1957
ROBERT LEO BONUS, B.S., 1957
EUGENE KENT BORCHART, B.S., 1955

DAVID CHARLES BOYCE, A.B., Southern Illinois University, 1955; B.S., 1957
DANIEL SHERMAN NIELSEN, B.S., 1952
LARRY ALVIN PERLIS, B.S., 1955
WARREN EUGENE PETTY, B.S., 1957
DONALD WORTH RICE, A.B., 1950
JOHN DARRELL RIEDELLINGER, B.S., 1957
NIJOLE APOLLONIA SALKAUSKAS, B.S., 1957
GERALD PATRICK SCANLON, B.S., St. Procopius College, 1955
EGON BENEDICT SCHEIN, B.S., 1956
CHARLES WILBUR SHOLES, Jr.
CLAUD IRVIN SIME, Jr., B.S., 1957; with Honors
JOSEPH JOHN STACHNIAK, B.S., 1953, 1957
ARNOLD FELIX SUFALICO, B.S., 1957
PAUL RAY SWAYNE, A.B., Wabash College, 1954; B.S., 1957
PERRY VOORNAS, B.S., Loyola University, 1951
NORMAN WAHL, B.S., United States Military Academy, 1946
IRWIN ALLEN WEINSTEIN, B.S., 1957
JOHN ORVILLE WELLS, A.B., Park College, 1955; B.S., 1957
ROGER RAY WOLF, B.S., 1957
WILLIAM ALLAN ZERIN, B.S., 1955

JANET ASTRID ANDERSON
Sylvia Kinko Arakawa
Rochelle Barbre
Marilyn Eileen Bercher
Emilie Claire Cunningham Bishop, with Honors
Gilbert Lee Fink, with Honors
Martha Ann Gross, with Honors
Ruth Goldschmidt Grossman
Betty Louise Hurwitz

BARBARA JEAN TYNER LOAR
Alice Rhoda Markin
Janet Field Miller
Clark Leaverton Sabine
Barbara Jeanne Schob
Judith Simonson
Nancy Jean Sones, with Honors
Susan Ann Strandin
Marjorie Alice Wilhelm

BARBARA JEAN TYNER LOAR
Alice Rhoda Markin
Janet Field Miller
Clark Leaverton Sabine
Barbara Jeanne Schob
Judith Simonson
Nancy Jean Sones, with Honors
Susan Ann Strandin
Marjorie Alice Wilhelm
ARNOLD DALE CURNYN, B.S., University of Notre Dame, 1955; B.S., 1957
KENNETH WALTER CURTIS, JR., B.S., Beloit College, 1955
RONALD LEE DEWALD, B.S., 1957
DAVID PETER DISCHER, B.S., University of Notre Dame, 1955
PAUL HOMER DUFFEY, A.B., B.S., 1956, 1957
RICHARD CRANE DURLAND, B.S., 1957
JAY DAVID ELLENBY, B.S., 1957
JOSEPH LEO EMMERICH, B.S., 1957
ROBERT BERNARD EPSTEIN, B.S., 1957
JAMES ELWOOD ESHEANUR, A.B., Iowa Wesleyan University, 1952; B.D., Northern Baptist Theological Seminary, 1955; B.S., 1957
MAX FREDERICK FINKEL, B.S., 1957
DONALD JAY FISHMAN, B.S., 1957
RONALD SHERWIN FISHMAN, B.S., 1957
LEO LESLIE FITZGERALD, JR., B.S., 1956, 1957
ROBERT ANDREW FLINN, B.S., 1957
ERNST WILBUR FORDBAM, B.S., 1955, 1957
MICHAEL IRA FRANK, B.S., 1957; with Honors
RALPH KENRIC R FRAZIER, B.S., 1949, 1958
HARVEY MARTIN FREED, B.S., 1957
JOSéPH C. FREMONT, B.S., 1957
TED HOWARD GABRIELSEN, A.B., Ashbury College, 1955; B.S., 1957
GERALD JOSEPH GLANTZ, B.S., 1955
EUGENE JACK GOLDMAN, B.S., 1957
HANNAH GOLDSCHMIDT, B.S., Bradley University, 1952; B.S., 1958
BARRY ARNOLD GOLDSMITH, B.S., 1957
HARRIS SIDNEY GOLSTEIN, B.S., 1955
EVERETT PAUL GRAHN, A.B., 1954, 1957
BURTON GREEN, B.S., 1957
JOSéPH LEE GULICK, B.S., 1957
DONALD HORD GUSTAFSON, A.B., Augustana College, 1954; B.S., 1957
WILLIAM MCCLELLAN HAMBY, A.B., B.S., 1955, 1957
DAVID RAY HAMILTON, B.S., 1957
RICHARD THEODOR HARELIC, B.S., 1957
JAMES SUTTON HASTIE, B.S., 1957
JOHN GILBERT HEIKEN, B.S., 1957
JOHN LYNN HILL, B.S., 1957
DAVID WELTY HOCKMAN, A.B., Carthage College, 1955; B.S., 1957
ROGER ALLEN HOEKSTRA, A.B., Calvin College, 1955; B.S., 1957
GERALD KEITH HOFFMAN, A.B., Lake Forest College, 1951; M.S., University of Wisconsin, 1953; B.S., 1957
MARTIN HOFFMAN, B.S., 1957
HERBERT JAMES HOSSELET
SHELTON EUGENE HUFFMAN, A.B., A.M., University of Chicago, 1950, 1953; B.S., 1958
JEROME BASIL JACOBSON, B.S., 1957
ROBERT DOVE JENKINS, B.S., 1957
CARL HARRY JOINER, A.B., Millikin University, 1955; B.S., 1958
ALAN RICHARD KAHN
LARRY MORTON KEE, B.S., 1957; with Honors
ARWALT PAUL KEHLE, B.S., 1955; 1958
THEODORE MATTHEW KING, B.S., Quincy College, 1950; M.S., 1952
RONALD GARY KITE, B.S., 1957
ALFRED JULIAN KOBAC, Jr., B.S., 1957
GEORGIA COLLEEN KOST, B.S., 1955
WILLIAM JAMES KRAMER, B.S., 1957
DAVID WALLACE KRANS, B.S., 1957
CHARLES SHERWIN LANE, B.S., 1957
JOHN MERTON LARSON, A.B., B.S., 1956, 1957; with Honors
ROBERT JOEL LEE, B.S., 1957
GERALD SANFORD LEFF, B.S., 1957
LESLE EUGENE LINDBERG HOWARD LOPATA, B.S., 1957
IRVING DONALDWILLIAM LUBER LEE ALVIN MALMED, B.S., 1957
ALBERT SCHULGAIS MAURER, B.S., 1957
PATRICK MALACHY McGUIGAN, B.S., 1957
MARILYN TREACY MILLER, B.S., Purdue University, 1954; B.S., 1958
MORTON MILLER, B.S., M.S., 1953, 1955; B.S., University of South Dakota, 1937
JOHN MANIERRE MILLS, A.B., B.S., 1955, 1957
SHERMAN MARTIN MINKOFF, B.S., 1957
LAWRENCE MATTHEW MLEVCO, B.S., 1957
Rollo Jay Nesson, B.S., 1955, 1957
George Michael Nickas, A.B., DePauw University, 1955; B.S., 1957
Richard George Norenberg, A.B., North Central College, 1955; B.S., 1957
ROBERT OTTUS PASNAU, B.S., 1957
CHARLES HATCH PATTON, A.B., University of Michigan, 1955; B.S., 1957
DON CARY PEARSON, B.S., 1957
THOMAS LOUIS PEYLA, B.S., 1957
Richard Lee Phillips, B.S., 1957
James Bernard Pinsk, A.B., 1955, 1957
John Roger Powell, B.S., 1957
Roger Dale Quinn, B.S., 1957
Louis Joseph Raia, B.S., 1956
William DeWitt Robinson, B.S., Washington University, 1951; B.S., 1957
SEYMOUR ROSEN, B.S., 1958
DAVID ANTHONY ROTHSTEIN, B.S., 1957; with Honors
WILBUR FRANCIS ROWLEY, B.S., 1957
LARRY DAVID SAMUELS, A.B., Blackburn College, 1955; B.S., 1957
RICHARD JOSEPH SASSETTI, B.S., 1957
EDWARD WILLIAM SCHAUERTE, B.S., 1957
BERNARD SCHENCKER, B.S., 1957; with Honors
STEPHEN EDWARD SCHUBERT, B.S., 1957
FRED JOSEPH SCHULTZ, A.B., Luther College, 1954; B.S., 1956
SHELDON DEWEY SCHWANTZ, B.S., 1955, 1958
CHARLES EDWARD SEIBERT, B.S., 1957; with Honors
BERNARD ROBERT SERED, B.S., 1957
ROBERT HAROLD SEWELL, A.B., B.S., 1956, 1957
LESLIE BERNARD SHANOFF, B.S., 1957
MILFORD PAUL SHUMAN, B.S., 1957
GERALD ELLIS SILVERSTEIN, B.S., 1957
RUSSELL YATES SNOW, A.B., Southern Illinois University, 1955; B.S., 1957
ALEX EDWARD SOLIK, B.S., 1957
HARRY HART STEPHENS, JR., A.B., Earlham College, 1955; B.S., 1957
JAMES WINSOR STOUGH, B.S., Wheaton College, 1954
MURTON DONALD STRIMLING, B.S., 1957
JAMES THOMAS STRIEPE, A.B., Monmouth College, 1955; B.S., 1958

DONALD FREDERICK SUMMERS, B.S., 1957; with Honors
THOMAS LEVIN SUSSEX, B.S., University of North Dakota, 1957
HAROLD MARVIN SWARTZ, B.S., 1957
MARY NEWSOME SZAMOS, A.B., University of Chicago, 1950
ELROY ELMER TATGE
RICHARD PAUL TAYLOR, B.S., 1957
ROBERT JOHN THURMBLAD, B.S., 1957
LEONARD FRANKLIN TOTT, JR., B.S., 1957
JAMES RODELL Tosetti, A.B., Southern Illinois University, 1955; B.S., 1957
EUGENE PIERITZ TRAGER, B.S., 1954, 1957
MARVIN TURCK, B.S., 1957
CONRAD JOSEPH URBAN, B.S., 1957
JOSEPH PAUL VELEK, JR., B.S., Northern Illinois University, 1955; B.S., 1957
LEE OSMAN VIDA, B.S., 1957
RICHARD ANTHONY WAHL, B.S., St. Louis University, 1955; B.S., 1957
EARL EDWIN WALKER, B.S., 1957
DAVID EDWARD WALZEM, B.S., Northwestern University, 1951
DON HOWARD WASSERMAN, B.S., 1957
WALTER WILLIAM WHISLER, JR., A.B., Augustana College, 1955; B.S., 1957
GUIDO PAUL WILHELM, A.B., Washington University, 1955; B.S., 1957
EDWARD THEODORE ZUKOWSKI, B.S., 1957

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

MARGUERITE ANDERSON DIXON, A.B., Emmanuel Missionary College, 1952
G. HANNELORE BEITTEL, City Hospital (Dortmund, Germany), 1955; with Honors
ANN JOYCE HUTH
CAROLYN ANN MISHECK
JOAN RUTH NEWBERRY

DELORES JEAN READ
GLORIA BARBARA RIBNEK
ELLEN JANE RIGGLE
ROCHELLE KOEBERLEIN SOKOL, with High Honors
ELIZABETH HELEN STEGER
RENETTA ANNE WICHER
LENORE HELEN ZAMIS
BARBIE KAY ZOLL

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmcacy

DENNIS CARL AMBROSE
KEITH KENDON ANDERSON
FRANK FRED BARONE
EDWARD ADOLF BERKE
NORMAN RODGAR BROWN
HARVEY STAMLER BUCK
LARRY LEE BUSHE, with Honors
JOSEPH RICHARD CARUSO
EDWIN JAMES CROATE
SANFORD CECIL DISHMAN

CAROLYN ELIZABETH NIEMAN DRING
ARTHUR MYRON DRUCKER
RODEN ROBINSON DUFF
JOSEPH THADEUS DVJA, JR.
BARRY HERBERT ENGQUIST
HAROLD NELSON FARBER
BRUCE DUANE FICK
LAWRENCE JOSEPH FISCHER, JR.
JAMES RICHARD FLEMING
JEROLD SHAFFER FOGEL
SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) cancellation of sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALLEN, CHARLES M., Acting Dean of the College of Education, six months from March 1, 1959, at an additional salary of $83.33 a month; this is in addition to his present appointment (6-8-59).

ALMY, GERALD M., Professor of Physics and Associate Head of the Department (C), June 16-30, 1959, and July 16-August 31, 1959, $1866.67 a month; this is in addition to his present appointment (6-8-59).

ALTSTETTER, CARL J., Assistant Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, $1377.78; this is in addition to his present appointment (5-26-59).

ANDERSON, KENNETH B., Instructor in the Institute of Aviation, June 16-August 31, 1959, $5000 a year, supersedes (5-8-59).

ANDERSON, RICHARD C., Research Associate in Ceramic Engineering (S), June 16-August 31, 1959, $550 a month (5-25-59).
AUSTIN, WALTER J., Associate Professor of Civil Engineering (C), ½ time, two months from June 16, 1959, $900; this is in addition to his Summer Session appointment (5-25-59).

AXEL, PETER, Associate Professor of Physics (C), two months from July 16, 1959, $933.33 a month; this is in addition to his present appointment (5-21-59).

BAERWALD, JOHN E., Associate Professor of Traffic Engineering (Civil Engineering) (College of Engineering and Physical Plant), two months from June 16, 1959, $1800; this is in addition to his present appointment (6-8-59).

BAPUS, DONALD A., Research Assistant in Chemistry, two months from June 16, 1959, $800 (5-25-59).

BAILEY, ALBERT D., Professor of Electrical Engineering (C), two months from June 16, 1959, $1000 a month; this is in addition to his present appointment (5-25-59).

BAKER, ROBERT L., Visiting Lecturer in Education, Summer Session of 1959, June 15-August 8, 1959, $1800 for the period (5-12-59).

BALLOWE, JAMES C., Editorial Assistant in the Engineering Experiment Station, June 16-August 31, 1959, $333.33 a month (5-26-59).

BANKS, EDWIN M., Assistant Professor of Animal Science (S), ½ time, two months from July 1, 1959, $1000; this is in addition to his present appointment (5-21-59).

BAUM, BARBARA, Assistant in Education (University High School), two months from June 16, 1959, $944.44 (5-6-59).

BEALS, R. J., Assistant Professor of Ceramic Engineering (S), two months from June 16, 1959, $744.44 a month; this is in addition to his present appointment (5-8-59).

BEERMAN, MAX, Professor of Education (University High School), two months from June 16, 1959, $2333.33; this is in addition to his present appointment (5-5-59).

BECK, PAUL A., Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, $2666.66; this is in addition to his present appointment (6-8-59).

BECK, MRS. SALLY, Counselor in the Student Counseling Service (Provost's Office), two months from July 1, 1959, $800 (5-5-59).

BECKER, WESLEY C., Assistant Professor of Psychology, two months from June 16, 1959, $1488.88; this is in addition to his present appointment (5-25-59).

BENBROOK, A., Reference Assistant in the Library, two months from July 1, 1959, $375 a month (5-5-59).

BENNIE, PHILIP E., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1959, $5000 (5-5-59).

BHATIA, BHARAT B., Research Assistant in Chemistry, June 16-August 31, 1959, $1015, supersedes (5-25-59).

BOSKET, PAUL, Research Associate in Pharmacology (Medicine), three months from May 1, 1959, $7000 a year (5-25-59).

BLAKE, ELIAS J., Visiting Lecturer in Education (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, $1000 for the period (5-8-59).

BLAUFARB, MRS. MYRNA, Counselor in the Student Counseling Service (Provost's Office), two months from July 1, 1959, $800 (5-5-59).

BLOOM, EARL P., Instructor in English, Summer Session of 1959, June 15-August 8, 1959, ½ time, $521 for the period (5-5-59).

BOBOTEK, HENRY G., Research Associate in the Control Systems Laboratory (S), three months from June 1, 1959, $517 a month, supersedes (5-25-59).

BOHL, ROBERT W., Associate Professor of Metallurgical Engineering (Ceramic Engineering) (S), two months from June 16, 1959, $5000 a month (5-8-59).

BORNARTH, ROBERT L., Assistant in the Institute of Aviation, two months from June 16, 1959, $450 a month (5-21-59).

BOURGIN, DAVID G., Professor of Mathematics, June 16-August 31, 1959, $144444 a month; this is in addition to his present appointment (5-15-59).

BOWMAN, CLETUS E., Professor of Theoretical and Applied Mechanics (C), ½ time, two months from June 16, 1959, $322.22 a month; this is in addition to his Summer Session appointment (6-1-59).

BRADFORD, VIRGIL E., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, $450 a month, supersedes (5-8-59).
Briscoe, John W., Professor of Civil Engineering and Assistant Head of the Department (C), June 16-July 31, 1959, and August 16-31, 1959, $1000 a month; this is in addition to his present appointment (5-25-59).

Brown, Frederick C., Associate Professor of Physics (C), two months from June 16, 1959, $855.55 a month; this is in addition to his present appointment (5-25-59).

Brown, Roger K., Instructor in Education, July 13-August 8, 1959, $744.44; this is in addition to his present appointment (5-25-59).

Capek, Raymond G., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1959, $433.33 a month (5-4-59).

Chertack, Melvin M., Clinical Assistant Professor of Medicine, in the Health Service (Chicago Professional Colleges) and in the College of Medicine, three months from June 1, 1959, supersedes salaried appointment (5-25-59).

Chow, Ven Te, Professor of Hydraulic Engineering (Civil Engineering) (S), two months from June 16, 1959, $1867; this is in addition to his present appointment (5-25-59).

Clark, Marilyn E., Associate Professor of Theoretical and Applied Mechanics (C), June 16-30, 1959, and July 16-August 31, 1959, $788.89 a month; this is in addition to his present appointment (6-1-59).

Cohn, Benjamin, Research Associate in Education, June 29-August 21, 1959, $1200 (5-22-59).

Coleman, Paul D., Professor of Electrical Engineering (C), two months from June 16, 1959, $1166.67 a month; this is in addition to his present appointment (5-25-59).

Connell, Barbara, Assistant to the Dean of Women, one month from July 1, 1959, $400 (5-5-59).

Costin, Frank, Clinical Counselor in the Student Counseling Service, ½ time, two months from June 16, 1959, $822; this is in addition to his ½-time Summer Session appointment (5-6-59).

Craig, Jewels, Research Associate in Plant Pathology (S), two months from July 1, 1959, $500 a month, supersedes (5-26-59).

Croners, Milton H., Associate Professor of Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, ½ time, $880 for the period, supersedes previous Summer Session appointment (5-27-59).

Cutler, Alice M., Visiting Lecturer in Education, Summer Session of 1959, June 15-August 8, 1959, ½ time, $700 for the period (5-26-59).

Danner, Ellis, Professor of Highway Engineering (Civil Engineering) (C and S), ½ time, June 16-August 31, 1959, $800 a month; full time from September 1-15, 1959, $666.67 for the period; this is in addition to his present appointment (5-25-59).

Dasgupta, S., Instructor in Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, full time, $1067 for the period, supersedes previous Summer Session appointment (5-27-59).

Davies, Charles J., Assistant in Speech (University Speech Clinic), Summer Session of 1959, June 15-August 8, 1959, $800 for the period (5-8-59).

Davidsson, Melvin T., Instructor in Civil Engineering, Summer Session of 1959, June 15-August 8, 1959, ½ time, $523 for the period (5-27-59).

Day, Mahlon M., Professor of Mathematics and Head of the Department, ½ time, two months from June 16, 1959, $683.50 a month; this is in addition to his ½ time Summer Session appointment (5-15-59).

Dick, Bertram G., Jr., Research Associate in Physics (C), three months from June 1, 1959, $625 a month, supersedes (6-8-59).

Dipert, Arnold W., Assistant in Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, $845 for the period (5-12-59).

Dobrovolsky, Jerry S., Associate Professor of General Engineering (Civil Engineering) (S), full time, one month from June 16, 1959, $833.33; this is in addition to his present appointment (5-25-59).

Drickamer, Harry G., Professor of Chemical Engineering Research (S), two months from June 16, 1959, $3011; this is in addition to his present appointment (5-8-59).

Duberg, John E., Professor of Civil Engineering (C), two months from June 16, 1959, $666.66; this is in addition to his present appointment (5-25-59).

Dudley, William A., Assistant in Animal Science (C and S), two months from July 1, 1959, $366.66 a month, supersedes (6-8-59).
DULANY, DONELSON E., JR., Assistant Professor of Psychology, two months from June 16, 1959, $1488.88; this is in addition to his present appointment (5-25-59).

DUNLAP, HOWARD L., Catalog Assistant in the Library, June 15-August 31, 1959, $400 a month, supersedes (5-26-59).

ECKLAND, BRUCE, Research Assistant in Sociology, three months from June 16, 1959, $1200 (5-25-59).

ELLISON, FRED P., Assistant Professor of Spanish, Summer Session of 1959, June 15-August 8, 1959, ½ time, $756 for the period, supersedes previous Summer Session appointment (6-8-59).

EMERY, WILLIS L., Professor of Electrical Engineering (C), two months from June 16, 1959, $1077.77 a month; this is in addition to his present appointment (5-25-59).

EWING, BEN B., Associate Professor of Sanitary Engineering (Civil Engineering) (S), ½ time, two months from June 16, 1959, $856; this is in addition to his Summer Session appointment (5-25-59).

FLORES, JOSEPH S., Associate Professor of Spanish, Summer Session of 1959, June 15-August 8, 1959, ½ time, $922 for the period, supersedes previous Summer Session appointment (6-8-59).

FOX, BENUM W., Clinical Associate in Medicine (Medicine), five months from April 1, 1959, without salary, supersedes salaried appointment (5-4-59).

GALINSKY, ALVIN R., Instructor in Chemistry (Pharmacy), Summer Session of 1959, June 22-August 1, 1959, $800 for the period (5-26-59).

GANS, PAUL J., Research Associate in Chemistry, one year from September 1, 1959, $5000 (5-25-59).

GILLESPIE, WALTER L., Assistant in Education, July 13-August 8, 1959, $400 (5-5-59).

GOLDWASSER, EDWIN L., Associate Professor of Physics (C), two months from June 16, 1959, $944.44 a month; this is in addition to his present appointment (5-25-59).

GOODWIN, JACQUELIN, Counselor in the Student Counseling Service, two months from July 1, 1959, $800 (5-5-59).


GORMAN, NYLA M., Instructor in Foods and Nutrition (Home Economics) (E), July 1, 1959-August 31, 1960, $6500 a year (6-8-59).

GORTHIE, BERNARD, Research Assistant in Psychiatry (Medicine), April 12-August 31, 1959, $458.33 a month, supersedes (5-26-59).

GOTTHEIL, FRED M., Instructor in Economics, academic year beginning September 1, 1959, $6500 (6-1-59).

GOULD, ORIN E., Assistant Professor of Education, June 15-August 8, 1959, $1444.44; this is in addition to his present appointment (5-5-59).

GRAY, ROBERT E., Assistant Professor of Music, Summer Session of 1959, June 15-August 8, 1959, full time, $1334 for the period, supersedes previous Summer Session appointment (6-8-59).

GRAY, ROBERT E., Assistant Professor of Music, Summer Session of 1959, June 15-August 8, 1959, full time, $1334 for the period, supersedes previous Summer Session appointment (6-8-59).

GYERMEK, LASZLO, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1959, $760.67 a month; this is in addition to his present appointment (6-8-59).
HAKE, HAROLD W., Associate Professor of Psychology, two months from June 16, 1959, $1844.44; this is in addition to his present appointment (5-25-59).

HALL, JAFFETH, JR., Research Associate in Education (University High School), $555.56; this is in addition to his present appointment (5-5-59).

HALL, WILLIAM J., Associate Professor of Civil Engineering (C), $900; this is in addition to his Summer Session appointment (5-25-59).

HALL, CHARLES A., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1959, $433.33 a month (5-8-59).

HALL, JOSPEH F., Professor of French, two months from June 16, 1959, $800; this is in addition to his present appointment (5-26-59).

HALTIWANCER, JOHN D., Associate Professor of Civil Engineering (C), two months from June 16, 1959, $1800; this is in addition to his present appointment (5-25-59).

HATCH, GAYLORD F., Assistant in the History of Civilization (Division of General Studies), April 1-June 15, 1959, $400 a month, supersedes (5-4-59).

HAWKINS, RICHARD T., Research Associate in Chemistry, two months from June 16, 1959, $900 (6-1-59).

HERR, FERENC, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1959, $800 a month; this is in addition to his present appointment (6-8-59).

HERRIN, MORELAND, Professor Civil Engineering (C), $1777.78; this is in addition to his present appointment (6-8-59).


HILL, JEAN, Assistant to the Dean of Women, one month from August 1, 1959, $400 (5-5-59).

HULSIZER, ROBERT, Professor of Physics (C), June 16-July 31, 1959, and September 1-15, 1959, $1211.11 a month; this is in addition to his present appointment (5-25-59).

HUNT, JOSEPH M., Professor of Psychology, two months from June 16, 1959, $8888.88; this is in addition to his present appointment (5-25-59).

INGLE, LESTER, Professor of Zoology, two months from June 16, 1959, $1934; this is in addition to his present appointment (5-12-59).

IRELAND, HERBERT O., Associate Professor of Civil Engineering (C), two months from June 16, 1959, $1777.78; this is in addition to his present appointment (5-25-59).

JACKSON, JOSEPH F., Professor of French, two months from June 16, 1959, $800; this is in addition to his present appointment (5-26-59).

JENSEN, HAROLD L., Clinical Instructor in Medicine (Medicine), May 6-August 31, 1959, without salary (5-21-59).

JOHNSON, ELWIN L., Research Associate in Ceramic Engineering (S), June 16-August 31, 1959, $600 a month (5-25-59).
JOHNSON, HERMAN J., Assistant Professor of Physics (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, $1556 for the period (5-4-59).

JOHNSON, K. E., Research Associate in Chemistry, eleven months from October 1, 1959, $5500 a year (6-2-59).

JOHNSON, WILLIAM H., Assistant Professor of Animal Science (S), two months from July 1, 1959, $1400; this is in addition to his present appointment (6-8-59).

KAISER, DALE E., Assistant in Education (University High School), two months from June 16, 1959, $944.44 (5-6-59).

KEPPLER, MARTIN, Research Assistant Professor of Chemistry, two months from July 16, 1959, $1488.90; this is in addition to his present appointment (5-22-59).

KELLY, JAMES C., Associate Professor of Speech (Summer Residential Center), Summer Session of 1959, June 15-August 8, 1959, $1589 for the period (5-26-59).

KESLER, CLYDE E., Professor of Theoretical and Applied Mechanics (C), $1244.4 a month; this is in addition to his present appointment (5-22-59).

KOCH, C. W., Visiting Lecturer in Library Science, Summer Session of 1959, June 15-August 8, 1959, $850 for the period (5-4-59).

KOEHLER, JAMES S., Professor of Physics (C), two months from June 16, 1959, $1244.44 a month; this is in addition to his present appointment (5-21-59).

LAVATELLI, LEO S., Associate Professor of Physics (C), two months from June 16, 1959, $950 a month; this is in addition to his present appointment (5-25-59).

LEBET, DAVID A., Assistant Professor of Music, Summer Session of 1959, June 15-August 8, 1959, full time, $1245 for the period, supersedes previous Summer Session appointment (5-4-59).

LIEBERMAN, DAVID S., Associate Professor of Metallurgical Engineering (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, $1777.78; this is in addition to his present appointment (5-22-59).

LIPKIN, HARRY J., Visiting Associate Professor of Physics (C), 1/2 time, two months from June 16, 1959, $500 a month (5-25-59).

LURIA, SALVADOR E., Professor of Bacteriology, two months from June 16, 1959, $3022.22; this is in addition to his present appointment (5-25-59).

LUX, DONALD G., Associate Professor of Industrial Education and Assistant to the Dean of the College of Education, June 8-August 8, 1959, $2025 for the period (5-26-59).

MACHINE, XENIA, Assistant Professor of Pharmacology (Medicine), two months from July 1, 1959, $851 a month; this is in addition to her present appointment (6-8-59).
Malmstadt, Howard V., Research Associate Professor of Chemistry, June 16-30, 1959, $1,383.35; this is in addition to his present appointment (5-22-59).

Manther, Dillon E., Associate Professor of Physics (C), two months from June 16, 1959, $988.89 a month; this is in addition to his present appointment (5-25-59).

Marcer, Peter J., Research Assistant in Physics, June 16-30, 1959, $400 a month (6-1-59).

Marotta, Sabath F., Instructor in Physiology (Medicine), without salary, and Research Associate in the Aeromedical and Physical Environment Laboratory, $7900 a year, four months from May 1, 1959, supersedes (5-21-59).

Martin, Ross J., Professor of Mechanical Engineering (C), indefinite tenure, and Director of the Engineering Experiment Station for one year, from September 1, 1958, $12,682; his services under this appointment are required only for the period September 1, 1958, through May 31, 1959; salary for this period is $12,682, supersedes (6-8-59).

Mau, Robert J., Professor of Physics (C), two months from July 1, 1959, $1466.67 a month; this is in addition to his present appointment (5-21-59).

McAther, Dillone., Associate Professor of Physics (C), two months from June 16, 1959, $480 a month; this is in addition to his present appointment (5-25-59).

McAwer, Peter J., Research Assistant in Physics, June 16-30, 1959, $400 a month (6-1-59).

McIntire, George C., Professor of Astronomy, one month from August 16, 1959, $1011.11; this is in addition to his present appointment (6-1-59).

McMillen, Clifford W., Jr., Research Assistant in the Control Systems Laboratory (S), June 16-August 31, 1959, $400 a month (5-26-59).

McMun, Doris M., Instructor in Nursing, three months from June 1, 1959, $5370 a year, supersedes (5-21-59).

Moor, Judith J., Research Assistant in Civil Engineering (S), two months from June 16, 1959, $800 (6-8-59).

Mosberg, Robert J., Associate Professor of Civil Engineering (C), two months from June 16, 1959, $1666.60, this is in addition to his present appointment (5-25-59).

Murphy, William H., Professor of Civil Engineering (C), 1/2 time, two months from June 16, 1959, $1222.22; this is in addition to his Summer Session appointment (5-25-59).

Myers, Basil R., Assistant Professor of Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, 1/4 time, $1156 for the period, supersedes previous Summer Session appointment (5-27-59).

Newmark, Nathan M., Professor of Civil Engineering and Head of the Department (C), 1/4 time, two months from June 16, 1959, $1500 a month; this is in addition to his Summer Session appointment (5-21-59).

Nordyck, Arnold T., Research Professor in the Control Systems Laboratory (S), 1/2 time, two months from June 16, 1959, $920 a month; this is in addition to his present appointment (5-25-59).

Notani, G. W., Research Associate in Chemistry, three months from May 1, 1959, $1342.50 (5-22-59).

Ohno, Masahisa, Research Assistant in Chemistry, one year from June 1, 1959, $800 (5-22-59).

Olsen, Barbara A., Assistant in Library Science, Summer Session of 1959, June 15-August 8, 1959, $800 for the period, supersedes her previous appointment (5-6-59).

Olsen, Roy E., Instructor in Civil Engineering, Summer Session of 1959, June 15-August 8, 1959, 1/2 time, $556 for the period, supersedes previous Summer Session appointment (5-27-59).

Peek, Levin J., Jr., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1959, $400 a month (5-4-59).
PELEKOURAS, Lois, Research Assistant in the Institute of Government and Public Affairs, two months from June 16, 1959, $400 a month (5-25-59).

PERRINO, D. J., Visiting Lecturer in Music, Summer Session of 1959, June 15-July 18, 1959, $653 for the period (6-8-59).

PESKE, MARTIN G., Research Assistant in Orthodontics (Dentistry), four months from May 1, 1959, without salary (6-8-59).

PETERS, MAX S., Professor of Chemical Engineering (S), two months from June 16, 1959, $2333.34; this is in addition to his present appointment (6-8-59).

PETERSON, DONALD R., Associate Professor of Psychology, two months from June 16, 1959, $1688.88; this is in addition to his present appointment (5-25-59).

PHILCOX, SADIE, Assistant in Occupational Therapy (Medicine), five months from September 1, 1959, without salary (6-8-59).

PICKER, MARTIN, Instructor in Music, academic year beginning September 1, 1959, $5550 (5-21-59).

PUGH, ROBERT C., Counselor in the Student Counseling Service (Provost's Office), two months from July 1, 1959, $1444.44; this is in addition to his present appointment (5-5-59).

READ, THOMAS A., Professor of Metallurgical Engineering and Head of the Department of Mining and Metallurgical Engineering (C), two months from June 16, 1959, $3333.34; this is in addition to his present appointment (6-8-59).

REDDY, THOMAS B., Research Associate in Chemistry, eleven months from October 1, 1959, $5500 a year (6-2-59).

REYNOLDS, George, Visiting Lecturer in Music, Summer Session of 1959, June 15-July 18, 1959, $1000 for the period (6-8-59).

RHODES, LAURA E., Assistant Editor in the Engineering Experiment Station, one year from September 1, 1959, $4500 (6-8-59).

RICKETTS, BERNARD G., Professor of Metallurgical Engineering (Department of Mining and Metallurgical Engineering) (C), two months from June 16, 1959, $1911.12; this is in addition to his present appointment (5-26-59).

ROBERSON, JAMES M., Professor of Theoretical and Applied Mechanics (C), June 16-30, 1959, and July 16-August 31, 1959, $1166.67 a month; this is in addition to his present appointment (6-1-59).

ROBINSON, PATRICIA A., Instructor in Home Economics (Child Development), Summer Session of 1959, June 15-August 8, 1959, $1067 for the period (5-27-59).

ROOSA, WILLIAM R., Visiting Lecturer in Anthropology, Summer Session of 1959, June 15-August 8, 1959, $1200 for the period (6-8-59).

RUSSELL, MORELL B., Professor of Agronomy on indefinite tenure, and Head of the Department for one year from September 1, 1958 (C, S, and E), $13,377; his services under this appointment are required only for the period beginning September 1, 1958, through May 31, 1959; salary for this period is $13,377, supersedes (6-8-59).

RYAN, WILLIAM D., Assistant Editor with rank of Assistant, College of Veterinary Medicine, 1/2 time, June 15-August 31, 1959, $200 a month (6-8-59).

Sakuragi, Taketami, Assistant Professor of Food Technology (S), four months from May 1, 1959, $570.83 a month, supersedes (5-6-59).

SCHLOSSER, ROBERT E., Assistant Professor of Accountancy, Summer Session of 1959, June 15-August 8, 1959, $1600 for the period (5-27-59).

SCHUBERT, JEWELL E., Assistant Professor of Mathematics, Summer Session of 1959, June 15-August 8, 1959, 1/2 time, $667 for the period, supersedes previous Summer Session appointment (6-8-59).

SCHWARZLOSE, PAUL F., Associate Professor of Electrical Engineering (Ceramic Engineering) (S), two months from June 16, 1959, $955.55 a month; this is in addition to his present appointment (5-5-59).

Schoen, Walter A., Research Assistant in Civil Engineering (S), June 16-August 31, 1959, $425 a month (6-8-59).

Scruggs, William, Research Assistant in Psychiatry (Medicine), May 17-August 31, 1950, $100 a month (5-26-59).

Seaman, Richard, Research Assistant in the Student Counseling Service (Provost's Office), two months from June 16, 1959, $822 (5-21-59).

Showmaker, Donald J., Assistant Professor of Psychology, two months from June 16, 1959, $1422.22; this is in addition to his present appointment (5-25-59).

Shupp, Franklin R., Instructor in Economics, academic year beginning September 1, 1950, $7000 (5-25-59).
SIDEBOTTOM, Omar M., Professor of Theoretical and Applied Mechanics (C), 83/100 time, two months from June 16, 1959, $774.66 a month; this is in addition to his Summer Session appointment (6-1-59).

SISS, Chester P., Professor of Civil Engineering (C), ½ time, June 16-30, 1959, and July 1-August 15, 1959, $1222; and in the Summer Session of 1959, June 15-August 8, 1959, ½ time, $1223 for the period (5-28-59).

Sinclair, George M., Professor of Theoretical and Applied Mechanics (C), June 16-July 15, 1959, and August 1-31, 1959, $1055.56 a month; this is in addition to his present appointment (6-1-59).

Sinnamon, George K., Associate Professor of Civil Engineering (C), two months from June 16, 1959, $1666.66; this is in addition to his present appointment (5-25-59).

Slight, Charles P., Professor of Physics (C), two months from June 16, 1959, $1222; this is in addition to his present appointment (5-25-59).

Smith, Cedric M., Associate Professor of Pharmacology (Medicine), two months from July 1, 1959, $1000 a month; this is in addition to his present appointment (6-8-59).

Smith, Clifford W., Clinical Instructor in Medicine (Medicine), July 1, 1959-August 31, 1960, without salary (6-8-59).

Smith, James O., Professor of Theoretical and Applied Mechanics (C), ½ time, June 16-30, 1959, $418.52 a month; this is in addition to his Summer Session appointment (6-1-59).

Snyder, Harold R., Research Professor of Chemistry, two months from June 16, 1959, $2734; this is in addition to his present appointment (6-9-59).

Southard, Charles W., Research Associate in Education, June 8-August 21, 1959, $1800 (5-22-59).

Spiegelman, Sol, Professor of Bacteriology, two months from June 16, 1959, $2800; this is in addition to his present appointment (6-1-59).

Stallmeyer, James E., Associate Professor of Civil Engineering (C), ½ time, two months from June 16, 1959, $855.56; this is in addition to his Summer Session appointment (5-25-59).


Steiner, Ivan D., Associate Professor of Psychology, two months from June 16, 1959, $1777.75; this is in addition to his present appointment (5-25-59).

Stephens, Ralph I., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1959, $5000 (5-5-59).

Stevens, James G., Assistant Professor of Entomology, two months from June 16, 1959, $1577.76; this is in addition to his present appointment (5-25-59).

Steiner, Bernard, Visiting Lecturer in Music, Summer Session of 1959, June 15-July 18, 1959, $500 for the period; for the convenience of the University he will also be furnished board and room during the period (6-8-59).

Stipes, Marvin C., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1959, $822.22 a month; this is in addition to his present appointment (6-1-59).

Stuart, John, Research Assistant in Sociology and Anthropology, June 16-August 31, 1959, $1000 (5-25-59).

Swenson, George W., Jr., Professor of Astronomy, ½ time, two months from June 16, 1959, $548.80 a month; this is in addition to his present appointment (6-1-59).

Taubman, Joanne H., Research Assistant in Preventive Medicine (Medicine), one year from July 1, 1959, $4300 (5-22-59).

Taylor, Charles E., Professor of Theoretical and Applied Mechanics (C), 83/100 time, two months from June 16, 1959, $866.89 a month; this is in addition to his Summer Session appointment (6-1-59).

Thomson, Rohn M., Associate Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, $1644.44; this is in addition to his present appointment (6-8-59).

Thornburn, Thomas H., Professor of Civil Engineering (S), two months from June 16, 1959, $1644.44 a month; this is in addition to his present appointment (5-25-59).

Thies, J. A., Assistant Professor of Zoology, Summer Session of 1959, June 15-August 8, 1959, $1289 for the period (5-8-59).
TILBURY, GLEN, Visiting Lecturer in Chemistry, two months from June 16, 1959, $1800 (5-25-59).

TINKHAM, ROBERT A., Associate Professor of Education, Summer Session of 1959, June 15-August 8, 1959, $1645 for the period, supersedes previous Summer Session appointment (5-26-59).

TITUS, THOMAS R., Assistant in the Institute of Aviation, June 16-August 31, 1959, $450 a month (5-25-59).

TOUSTER, OSCAR, Visiting Lecturer in Chemistry, Summer Session of 1959, July 13-August 8, 1959, $1223 for the period (6-8-59).

TRIANDIS, HARRY C., Assistant Professor in the Institute of Labor and Industrial Relations, two months from June 16, 1959, $733.33 a month; this is in addition to his present appointment (5-4-59).

TRIGGER, KENNETH J., Professor of Mechanical Engineering (C), 3/6 time, two months from June 16, 1959, $2332; this is in addition to his present appointment (6-1-59).

TURNER, BILLY G., Research Assistant in Civil Engineering (S), two months from June 16, 1959, $850 (5-5-59).

VAN VALKENBURG, MAC E., Professor of Electrical Engineering (C), two months from June 16, 1959, $1333.33 a month; this is in addition to his present appointment (5-25-59).

VAUGHAN, HERBERT E., Associate Professor of Mathematics (University High School), June 16-July 31, 1959, and September 1-15, 1959, $2111.12; this is in addition to his present appointment (5-5-59).

VICARI, GIUSEPPE, Research Associate in Chemistry, one year from January 1, 1960, $5500 (5-5-59).

VON FOERSTER, HEINZ, Professor of Electrical Engineering (C), two months from June 16, 1959, $1244.44 a month; this is in addition to his present appointment (5-25-59).

WAGMAN, MORTON, Instructor in Psychology, Summer Session of 1959, ¾ time, and Counselor in the Student Counseling Service (Provost's Office), two months from June 16, 1959, $6250 a year (5-6-59).

WAX, NELSON, Research Professor in the Control Systems Laboratory (S), one month from June 16, 1959, $1261; this is in addition to his present appointment (5-25-59).

WEBB, HAROLD D., Professor of Electrical Engineering (C), two months from June 16, 1959, $1000 a month; this is in addition to his present appointment (5-25-59).

WEBB, HAROLD D., Professor of Electrical Engineering (C), two months from June 16, 1959, $1000 a month; this is in addition to his present appointment (5-25-59).

WEISS, MRS. CATHERINE N., Temporary Head Resident, Lincoln Avenue Residence (North), two months from July 1, 1959, $400; for the convenience of the University she will also be furnished room and board while on duty valued at $31 a month (5-8-59).

WERT, CHARLES A., Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, $2222.22; this is in addition to his present appointment (5-26-59).

WEST, GEORGE C., Assistant in Education, July 13-August 8, 1959, $700 (5-5-59).

WESTWATER, JAMES W., Associate Professor of Chemical Engineering (S), two months from June 16, 1959, $1866.67; this is in addition to his present appointment (6-8-59).
WHEATLEY, JOHN C., Associate Professor of Physics (C), two months from June 16, 1959, $888.89 a month; this is in addition to his present appointment (5-21-59).

WHEATLEY, R. C., Jr., Visiting Lecturer in Physics, Summer Session of 1959, June 15-August 8, 1959, $1300 for the period (5-26-59).

WILCOX, DAVID L., Research Assistant in Ceramic Engineering (S), three months from June 1, 1959, $440 a month, supersedes (5-8-59).

WILHELM, H. G. H., Assistant in Geography, Summer Session of 1959, June 18-August 8, 1959, $800 for the period (6-8-59).

WILSON, GEORGE J., Instructor in the Institute of Aviation, June 16-August 31, 1959, $7250 a year (5-8-59).

WINEFORDNER, JAMES D., Research Associate in Chemistry, two months from June 16, 1959, $1000 (5-22-59).

WYATT, STANLEY P., Associate Professor of Education, June 15-July 10, 1959, $850 (5-5-59); Associate Professor of Electrical Engineering, one month from July 16, 1959, $850 (5-26-59); this is in addition to his present appointment.

YANKWICH, PETER E., Research Professor of Chemistry, two months from June 16, 1959, $2022.23; this is in addition to his present appointment (5-25-59).

ZARING, WILSON M., Assistant Professor of Mathematics, 1/2 time, June 15-August 8, 1959, $333.33 a month; this is in addition to his 1/2-time Summer Session appointment (5-15-59).

ZIMMERMAN, MRS. MARIE, Counselor in the Student Counseling Service (Provost's Office), 1/2 time, two months from July 1, 1959, $411 (5-6-59).

ZIMMERMAN, PHILIP D., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1959, $433.33 a month (5-21-59).

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the dates indicated in parentheses.)

ABDOCK, WILLIAM E., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

ARNOLD, CORDELIA, Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (6-2-59).

BASS, NOEL, Lederle Laboratories Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $600 (5-13-59).

BENTRIDGE, WESLEY G., National Science Foundation Cooperative Fellow, one year from June 16, 1959, $2200 (6-2-59).

BERMAN, MARVIN, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, $1000 (5-4-59).

BEULIGMANN, RAYMOND F., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

BICKFORD, MARION E., Jr., Shell Oil Company Fellow in Geology, nine months from September 16, 1959, $2400, supersedes (5-22-59).


BLY, ROBERT M., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

BOICE, LUTBELLE, Fellow in Bacteriology, nine months from September 16, 1959, $1500 (5-4-59).

BOLLERO, ANGELO J., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

BORDERS, DONALD B., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, $900 (6-2-59).

BRINK, ALLEN L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $780 (5-8-59).

BUNCE, DONALD F. M., II, United States Public Health Service Fellow (Trainee) in Anatomy, in the Chicago Professional Colleges, five months from April 1, 1959, $3200 a year (6-5-59).

CARRIGAN, RICHARD A., Esso Research and Engineering Company Fellow in Physics, nine months from September 16, 1959, $2400 (5-7-59).

CARTER, CAROL A., Zeta Phi Beta Fellow in Speech, nine months from September 16, 1959, $1500 (5-4-59).

Cho, Kang Ok, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges, one year from July 1, 1959, $145 a month (5-21-59).

Cook, Glenn M., National Science Foundation Summer Fellow, June 16-August 11, 1959, $675 (5-2-59).

Cowling, Keith G., George A. Miller Fellow in Agricultural Economics, nine months from September 16, 1959, $2000, supersedes (5-22-59).

Deterding, Karl, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Deyney, Mrs. Ruth O., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $660 (5-8-59).

De Vries, Donald L., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

Dickerhoof, Dean W., National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Dijkstra, Joseph L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $780 (5-8-59).

Doshi, Madhukant, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Droegemeier, Francis G., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $780 (5-8-59).

Duenser, Werner, Postdoctoral Fellow in Accountancy, one year from September 1, 1959, $3000 (5-4-59).

Ebergen, Douglas H., National Science Foundation Cooperative Fellow, one year from June 16, 1959, $2200 (6-2-59).

Ecker, Edwin D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $720 (5-8-59).

Eibeck, Richard E., Olin Mathieson Corporation Summer Fellow in Chemistry, two months from June 15, 1959, $350 (5-18-59); Universal Match Corporation Fellow in Chemistry, nine months from September 16, 1959, $1800 (5-4-59).

Ernest, John A., National Science Foundation Cooperative Fellow, one year from June 16, 1959, $2200 (6-2-59).

Esrig, Melvin I., National Science Foundation Cooperative Fellow, one year from June 16, 1959, $2200 (6-2-59).

Farrell, Roger H., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

Favata, James, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Feldman, Ross, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Feldman, Victor, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Goering, Reuben J., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $840 (5-8-59).

Graham, Allan, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Greek, Ronald B., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $720 (5-8-59).

Greene, Daryle E., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

Grossman, James, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

Groves, William E., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, $900 (6-2-59).

Guber, Albert L., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, $900 (6-2-59).

Gwynn, Donald E., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, $600 (6-2-59).

Hall, John S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).
HARVER, ROBERT, Lederle Laboratories Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $600 (5-13-59).

HERM, KENNETH D., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).

HOLT, JAMES A., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

HONIG, GEORGE, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

JACOBSON, ALBERT S., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).

JEWELL, WILLIAM, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

JOHNSON, ROGER S., National Science Foundation Summer Fellow, June 16-August 18, 1959, $750 (6-2-59).

KANE, HARRISON, National Science Foundation Cooperative Fellow, one year from June 16, 1959, $2200 (6-2-59).

KAPLAN, MARVIN, Tobacco Industry Research Committee Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

KHTERTY, ARUN, Parke, Davis Fellow in Chemistry, June 16-January 31, 1960, $1650 (6-9-59).

KUMARICH, DAN, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, $600 (5-4-59).

KUENZEL, H., University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

LARSON, CARL S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

LAWER, DAVID R., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, $900 (6-2-59).

LIBNOCH, JOSEPH, United States Public Health Service Fellow (Trainee) in the Chicago Professional Colleges, one year from July 1, 1959, $4500 (6-1-59).

LINDBLAD, E., University Fellow in English, one year from August 16, 1959, $2700 (5-15-59).

LIPSEY, ALLEN, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

LUCHE, CLIFFORD A., National Science Foundation Summer Fellow, June 16-August 18, 1959, $750 (6-2-59).

LUCHE, FREDDIE, Postdoctoral Fellow in Geology, one year from September 1, 1959, $3000 (5-4-59).

LUCHE, WEI-JUNE, Wright Fellow in Horticulture, nine months from September 16, 1959, $1500 (4-30-59).

LYNCH, CHARLES T., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

MAHLEN, DAVID, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

MARSHALL, WILLIAM E., Hackett Fellow in Food Technology, nine months from September 16, 1959, $1500 (4-30-59).

MARTIN, BRUCE, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).

MATHEW, WESLEY N., JR., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

 McCULLY, RONALD J., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

MEYERS, BERNARD L., National Science Foundation Summer Fellow, twelve weeks from June 16, 1959, $900 (6-2-59).

MOCKENHAUPT, JEROME D., Trane Company Fellow in Mechanical Engineering, nine months from September 16, 1959, $1400 (5-22-59).

MORAN, DANIEL A., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).

MORRIS, CHARLES E., Jr., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).

MORRIS, TREVOR R., Postdoctoral Fellow in Animal Science, one year from September 1, 1959, $3000 (5-4-59).

MUELLER, JOSEPH E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $780 (5-8-59).
MUHL, ZANC, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, $600 (5-4-59).
MURPHY, MRS. BOBBIE C., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).
NARUOKA, MASAO, Postdoctoral Fellow in Civil Engineering, one year from September 1, 1959, $600 (5-4-59).
NEALE, ROBERT S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (5-8-59).
NEUHAUS, DAVID L., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $780 (5-8-59).
NEUMAN, DUANE F., Hackett Fellow in Agricultural Economics, nine months from September 16, 1959, $1500 (5-6-59).
NORTRUP, JACK J., Kendric C. Babcock Fellow in History, nine months from September 16, 1959, $1800 (6-4-59).
ONANIAN, EDWARD D., George A. Miller Fellow in Economics, nine months from September 16, 1959, $2000, supersedes (5-22-59).
PARDUE, HARRY L., National Science Foundation Cooperative Fellow, one year from June 16, 1959, $2200 (6-2-59).
PEARSON, ROBERT L., American Cyanamid Company Fellow in Chemistry, nine months from September 16, 1959, $1800 (4-30-59).
PETERS, JOSEPH A., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).
PUGLIA, CHARLES R., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).
RAFF, LIONEL M., National Science Foundation Cooperative Fellow, one year from June 16, 1959, $2200 (6-2-59).
REHAK, JAMES, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, $600 (5-4-59).
RETZER, KENNETH A., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $840 (5-8-59).
RITTER, MAURICE, United States Public Health Service Fellow (Trainee) in Dentistry, July 1-September 15, 1959, $600 (5-4-59).
ROWE, JAMES E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $810 (5-8-59).
SALANS, LESTER, National Science Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).
SCHLETER, EVERETT S., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).
SISTER & I. RAYMOND CAPUA HARTY, Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).
SODERMAN, G. W., California Company Fellow in Geology, nine months from September 16, 1959, $1500 (5-25-59).
SOMERS, BRUCE G., National Science Foundation Summer Fellow, eight weeks from June 16, 1959, $600 (6-2-59).
SOYKA, LESTER, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (5-13-59).
STEWART, ANN, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 supersedes (5-13-59).
STRICKLAND, CALVIN, Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $840 (5-8-59).
SUMMER, HARRY H., Illinois Consumer Finance Association Fellow, nine months from September 1, 1959, $1500 (6-3-59).
TENER, NICHOLAS M., Postdoctoral Fellow in Music, one year from September 1, 1959, $3600 (5-4-59).
TENER, MARY E., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).
TREGILLUS, PEGGY R., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).
TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from June 16, 1959, $1500, supersedes (5-22-59).
UEDA, TATEO, Postdoctoral Fellow in Geology, two months from June 16, 1959, $300 a month (6-9-59).
VANDERBECK, GLORIA M., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $600 (5-8-59).
USCEN, ELIZABETH, University Summer Fellow in the Chicago Professional
Colleges, July 1-September 15, 1959, $500 (5-13-59).
W E A V E R, J A Y D., Mathematics Institute Fellow in Mathematics, two months from
June 16, 1959, $720 (5-8-59).
W E V E N S W I G, HAROLD, University Summer Fellow in the Chicago Professional Col-
leges, July 1-September 15, 1959, $500 (5-13-59).
W E T H E R B E E R, W I L L I A M B., Mathematics Institute Fellow in Mathematics, two
months from June 16, 1959, $720 (5-8-59).
W I L D I N G, L A W R E N C E P., Campbell Soup Company Fellow in Plant Sciences, nine
months from September 16, 1959, $2400, supersedes (5-19-59).
W I T T E N, V E R N I E E., Jr., Mathematics Institute Fellow in Mathematics, two
months from June 16, 1959, $780 (5-8-59).
W O O L S T O N, B E U L A H M., National Science Foundation Cooperative Fellow, one year
from June 16, 1959, $2200 (6-2-59).
W O O L S T O N, GEORGE W., United States Public Health Service Fellow in
Dentistry, July 1-September 15, 1959, $600 (5-4-59).
Y O V G Q U I S T, G O R D O N R., National Science Foundation Summer Fellow, eight
weeks from June 16, 1959, $600 (6-2-59).
Z A C E K, J O S E P H F., Summer Fellow in History, two months from June 16, 1959,
$250 (5-6-59).
Z A C O V I T C H, R O B E R T, United States Public Health Service Fellow (Trainee) in
Dentistry, July 1-September 15, 1959, $600 (5-4-59).

RESIGNATIONS AND DECLINATIONS

A D R I A N, R O B E R T J., Ford Postdoctoral Fellow in the Institute for Research on
Exceptional Children—resignation effective September 1, 1959.
B A I L E Y, J A N E T H., George A. Miller Fellow in Psychology—declination effective
September 16, 1959.
B U R N S T O C K, MRS. N O M I, Research Assistant in Animal Science—resignation
effective May 23, 1959.
C H A M B E R L I N, W A L T E R J., Assistant Professor of Business English, Summer
C H A S E, S A U M U E L B., III, Instructor in Economics—resignation effective Septem-
ber 1, 1959.
C O N L E Y, H A R O L D, Hospital Pharmacy Resident (Pharmacy)—resignation effective
June 1, 1959.
C U B E R T, M R S. C A T H E R I N E L., Associate Professor of Audiology (Medicine)—
resignation effective September 1, 1959.
D A V I S, G E R A L D D., Instructor in Mechanical Engineering—resignation effective
September 1, 1959.
D E K U N C H Y, K I M B E R L Y H., Instructor in Mechanical Engineering—resignation
effective September 1, 1959.
D U B E R G, J O H N E., Professor of Civil Engineering—resignation effective Sep-
tember 1, 1959.
E V E R E T T, H E N R Y C., III, Assistant Professor of Hygiene, Medical Adviser and
Special Duty Physician in the Health Service—resignation effective August
1, 1959.
G O U L D N E R, A L V I N W., Professor of Sociology—resignation effective September
1, 1959.
I N G L E, L E S T E R, Professor of Zoology, Summer Session of 1959—declination effective
June 15, 1959.
J A C K S O N, W I L L I A M V., Associate Professor of Library Science, Summer Session
K A K H A R A, Y A S U T O, Catalog Assistant in the Library—resignation effective Sep-
tember 1, 1959.
L U X, D O N A L D G., Associate Professor of Industrial Education, Summer Session
L Y O N, B R Y C E D., Associate Professor of History—resignation effective September
1, 1959.
M A C K O W I A K, R I C H A R D J., Registered Pharmacist in Hospital Pharmacy (Phar-
macy)—resignation effective May 15, 1959.
MCLANE, WILLIAM L., Associate Professor of Hygiene, Medical Adviser and Special Duty Physician in the Health Service — resignation effective September 1, 1959.
NEMCIK, ROBERT L., Assistant Extension Editor in Agricultural Economics with rank of Instructor — resignation effective July 1, 1959.
OPPERMANN, MRS. LOIS F., Research Assistant in Chemistry — resignation effective April 18, 1959.
PALISCA, CLAUDE V., Assistant Professor of Music — resignation effective September 1, 1959.
PECK, R. B., Professor of Foundation Engineering, Summer Session of 1959 — declination effective June 15, 1959.
RAPS, SHIRLEY, Fellow in Bacteriology — resignation effective September 16, 1959.
ROSMAH, MRS. LIVIA R., Instructor in Foreign Languages (Chicago Undergraduate Division) — resignation effective September 1, 1959.
ROWLAND, WALTER E., Instructor in Civil Engineering — resignation effective September 1, 1959.
SHANNON, ROBERT D., Research Associate in Ceramic Engineering — resignation effective May 15, 1959.
SHERMAN, EDWARD O., Jr., Fellow in Chemistry — declination effective June 16, 1959.
SOULE, DONALD M., Assistant Professor of Economics — resignation effective September 1, 1959.
STEMPAK, JEROME, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective June 1, 1959.
SUTTLES, GERALD D., Fellow in Sociology — declination effective September 16, 1959.
TRUMP, J. LLOYD, Professor of Education and Head of Teacher Placement on the University Council on Teacher Education — resignation effective January 1, 1960.
TURQUETTE, MRS. MAXINE H. KENNEDY, Editor, with rank of Associate Professor, in the Small Homes Council — resignation effective June 15, 1959.
WEINBERG, MRS. GRACE, Research Assistant in Dairy Science — resignation effective June 22, 1959.
WINTER, EDWARD H., Associate Professor of Anthropology — resignation effective September 1, 1959.
ZUMWALT, GLEN W., Research Associate in Mechanical Engineering — resignation effective September 1, 1959.

LEAVES OF ABSENCE
ATTEBERY, MRS. KATHERINE, Assistant Head Resident of Lincoln Avenue Residence (South) — leave of absence, without pay, beginning May 1, 1959, and continuing until further notice, because of illness.
BUTWELL, RICHARD L., Assistant Professor of Political Science — leave of absence, without pay, for the academic year 1959-60, in order that he may accept a Fulbright grant in Burma to do research work in the field of his particular interest.
CASSELL, ROBERT L. S., Instructor in English (Chicago Undergraduate Division) — leave of absence, without pay, beginning May 13 and continuing through August 31, 1959, on account of ill health.
GRUBB, MAXINE, Serials Reviser, with rank of Instructor, in the Library — leave of absence, with full pay, for the period April 9 to August 31, 1959, on account of illness.
JARNAGIN, ROBERT A., Assistant Extension Editor and Assistant Professor of Agricultural Extension, in the Extension Service in Agriculture and Home Economics — leave of absence, without pay, for one year beginning September 1, 1959, so that he may do graduate work at Michigan State University.
KAISER, HENRY F., Assistant Professor of Education, in the Bureau of Educational Research—leave of absence to be changed from a six-week leave (June 15 to August 1) to a three-week leave (August 1-21), without pay.

KEMMERER, DONALD L., Professor of Economics—leave of absence, without pay, for the second semester of 1959-60, so that he may accept a Fulbright lecture-ship to go on the staff of the University in Montpelier, France.

KUYPER, JOHN M., Professor of Music—extension of his leave of absence, without pay, for two years beginning September 1, 1959.

MACLAY, HOWARD S., Assistant Professor of Communications—leave of absence, without pay, beginning July 15 and continuing through August 31, 1959.

MOORE, ASBURY C., JR., Assistant to the Dean of the College of Physical Education and Instructor in Physical Education for Men—leave of absence, without pay, for one month beginning July 1, 1959, so that he may do historical research on a study of the origin of sports.

NELSON, WILLARD O., Professor of Bacteriology, in the Department of Dairy Science (C and S)—leave of absence, without pay, beginning August 1, 1959, and continuing through June 30, 1960, so that he may accept a proposed temporary appointment as Assistant Director of Development and Special Assistant to the Scientific Director of the Biological Warfare Laboratories, United States Army Chemical Corps Research and Development Command, at Fort Detrick, Frederick, Maryland.

ODELL, RUSSELL T., Professor of Soil Physics, in the Department of Agronomy (C and S)—sabbatical leave of absence granted him for 1959-60 has been changed to leave for one-half year on full pay, beginning September 1, 1959.

PUGH, ROBERT C., Assistant Professor of History, in the Division of General Studies—leave of absence on account of illness, with full pay, from April 1, 1959, through June 14, 1959, or as much of that period as may be necessary.

SEITZ, FREDERICK, Professor of Physics and Head of the Department—leave of absence, without pay, one year beginning September 1, 1959, so that he may serve as Scientific Adviser to the North Atlantic Treaty Organization.

WATENBERG, ALBERT, Research Professor of Physics—leave of absence, without pay, for one month beginning August 1, 1959.

WEEKS, WALTER L., Associate Professor of Electrical Engineering—leave of absence, without pay, for the academic year 1959-60, so that he may take a position in another part of the country where the climate will be conducive to improvement in his health.

CANCELLATIONS OF LEAVES OF ABSENCE

GARDNER, KARL E., Professor of Nutrition, in the Department of Dairy Science, and Associate Dean of the College of Agriculture—cancellation of sabbatical leave of absence granted him for six months beginning March 1, 1960.

LURIA, SALVADOR E., Professor of Bacteriology—cancellation of sabbatical leave of absence for the second semester of 1958-59 and changed to leave of absence without pay for the period March 1 to August 31, 1959.

ADDRESS BY DEAN GRANVILLE A. BENNETT

President Henry introduced Dean Granville A. Bennett of the College of Medicine who addressed the Board on the subject of the two-year pilot program of educational research by the College, for which the University received a grant of $112,000 from the Commonwealth Fund.

On motion of Mr. Herrick, the Board adjourned.

A. J. JANATA  
Secretary

KENNEY E. WILLIAMSON  
President
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The July meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, July 21, 1959, beginning at 10:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Richard A. Harewood and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Ca veny of the Chicago Undergraduate Division, Professor Norman A. Parker, Chairman of the University Building Program Committee, Professor H. O. Halvorson, Director of the School of Life Sciences, Dean W. L. Everitt of the College of Engineering, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. William H. Rice, Administrative Assistant in the President's Office, Mr. Vernon L. Kretschmer, Director of Housing and of the Illini Union, Mr. Morris S. Kessler, Assistant Comptroller; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on March 12 and April 14, 1959, press proof copies of which had previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 339 to 401, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

INTERNAL OPERATING BUDGET FOR 1959-60

(I) The University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1959, for academic and administrative appointments beginning September 1, 1959, and for nonacademic personnel appointments beginning July 1, 1959, is submitted herewith. This budget has been prepared by the Vice-President and Provost and the Vice-President and Comptroller in accordance with policies recommended by the University Budget Committee and procedures approved by the President. It is based upon recommendations of deans, directors, and other administrative officers and has been reviewed by the President.

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1959, be approved; and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved and within total income, (a) to accept resignations, (b) to make such additional appointments as are necessary, subject to the provisions of the University Statutes and the Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees, and (c) to make such changes and adjustments in items included in the budget as are needed, all such changes to be covered in the Vice-President and Comptroller's quarterly financial report, or in reports to the Board by its Secretary, provided that assignments for new projects or programs and for nonrecurring expenditures in excess of $2,500 shall be presented to the Board for prior approval.

Copies of the detailed, line-item, budget, together with a condensed analysis and summaries, have previously been sent to all members of the Board of Trustees for their study in advance of the meeting. Copies of the condensed analysis and summaries and supporting schedules have been filed with the Secretary of the Board for record.

Mr. Swain reported that the Finance Committee at a meeting held on July 20, 1959, at which all members of the Committee and also Trustees Clement, Herrick, Hughes, Pogue, Wilkins, and Williamson were present, had studied the budget in detail in consultation with the President of the University, the Vice-President and Provost, the Vice-President and Comptroller, the Vice-President in charge of the Chicago Professional Colleges, and the Executive Dean of the Chicago Undergraduate Division, and other University officers. Mr. Swain added that at the conclusion of the meeting, the Committee voted to recommend approval of the budget as submitted to the Board.

Following a further review of the budget by the President and the Vice-President and Provost, on motion of Mr. Swain, the budget was adopted, and the President of the University was authorized to take actions specified in his presentation, and the necessary appropriations were made as recommended.

This action was taken by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

The detailed budget appears as an appendix to these minutes on page 603.
INTERNAL BUDGET OF THE ATHLETIC ASSOCIATION FOR 1959-60

(2) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1959-60 which is summarized as follows with comparative figures for the preceding year:

<table>
<thead>
<tr>
<th></th>
<th>1958-59</th>
<th>1959-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income</td>
<td>$1,125,250</td>
<td>$1,179,200</td>
</tr>
<tr>
<td>Appropriations</td>
<td>1,121,679</td>
<td>1,177,065</td>
</tr>
<tr>
<td>Excess of income over appropriations</td>
<td>$ 3,571</td>
<td>$ 2,135</td>
</tr>
</tbody>
</table>

The budget has been examined and approved by the Vice-President and Provost and the Vice-President and Comptroller. A copy has been filed with the Secretary of the Board for record.

I recommend that this budget be approved and that the President of the University be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary and recommended by the Board of Directors of the Athletic Association within the total income realized.

On motion of Mr. Herrick, this budget was approved.

APPROPRIATIONS FOR BUILDING AND OTHER PERMANENT IMPROVEMENTS

(3) The Seventy-first General Assembly of Illinois has appropriated (Senate Bill 858) to the University of Illinois funds for the biennium of 1959-61 for the following buildings and permanent improvements:

For Permanent Improvements at Urbana-Champaign:
- For construction of extensions to the general University utilities distribution systems, including plans and specifications, and all other necessary costs and charges incident to the completion of the work: $2,135,000
- For additions to the Power and Heating Plant, with fixed equipment installed, including plans and specifications and all other necessary costs and charges incident to the completion of the work: 3,665,000
- For construction, together with funds received from private gifts, of a Labor and Industrial Relations Building with fixed equipment installed, including plans and specifications, extension of utilities to the building, and all other necessary costs and charges incident to the completion of the work: 330,000
- For the University's share of public improvement projects initiated by municipal corporations and any other costs and charges incurred by the University in connection with such projects: 425,000
- For completion of the first unit of the Physics Building, with fixed equipment installed, including plans and specifications, and all other necessary costs and charges incident to the completion of the work: 220,000
- For completion of the first unit of the Art and Architecture Building with fixed equipment installed, including plans and specifications, and all other necessary costs and charges incident to the completion of the work: 115,000

For Permanent Improvements at Urbana-Champaign and Chicago:
- For health research facilities, for which matching funds are received from the federal government, with fixed equipment installed, including plans and specifications, extension of utilities to the buildings, and all other necessary costs and charges incident to the completion of the work: 800,000
- For rehabilitation and remodeling of and minor additions to existing buildings, with fixed equipment installed, including plans and specifications, with all other necessary costs and charges incident to the completion of the work: 1,775,000
- For plans, specifications, and preliminary studies for permanent improvements planned for construction during 1961-63: 500,000
- For land at Urbana-Champaign: 450,000
- For land in Cook County for the establishment of a permanent undergraduate division: 925,000
For permanent improvements at an undergraduate division in Cook County, including site development, utilities, and plans and specifications for future buildings. $575,000

For equipment at Urbana-Champaign and Chicago. 575,000

For contingencies to cover expenditures for purposes for which the amount specified in any of the above items enumerated is, or becomes, insufficient. 700,000

The sum of $1,940,362 or so much thereof as may be necessary and as remains unexpended at the close of business on June 30, 1959, from an appropriation made for such purposes by "An Act making certain appropriations and reappropriations to The Board of Trustees of the University of Illinois" approved June 13, 1957, is reappropriated to the Board of Trustees of the University of Illinois from the General Revenue Fund, for the purposes and in the amounts set forth as follows:

- For construction of an Art and Architecture Building, with fixed equipment installed, including plans and specifications, extension of utilities to the building, and all other necessary costs and charges incident to the completion of the work. $700,000
- For an addition to the Power and Heating Plant, with fixed equipment installed, including plans and specifications, extension of utilities to the building, and all other necessary costs and charges incident to the completion of the work. 130,000
- For construction of extensions to the general University utilities distribution systems, including plans and specifications and all other necessary costs and charges incident to the completion of the work. 150,000
- For land—acquisition of land for the establishment of a permanent division of the University of Illinois in Cook County. 575,000
- For Building and Site Studies, plans and specifications for a division of the University of Illinois in Cook County. 230,000
- For construction of an addition to the present hospital in Chicago. 155,362

I recommend that these funds be appropriated by the Board of Trustees for the purposes specified. However, the appropriation Act provides that no contract shall be entered into or obligation incurred for any expenditure from any appropriation made until after the purpose and amount of such expenditure has been approved in writing by the Governor. He has announced that all General Revenue appropriations subject to release by the Governor are frozen until further notice, this to remain in effect at least until January 1, 1960. This includes new money appropriations for capital projects and for all other purposes which have herefore required release prior to commitment.

On motion of Mr. Johnston, these assignments of funds were approved by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

The President also presented a statement on the Governor's recent official notice that no funds from capital expenditures will be released prior to 1959-60, and then only if the state's revenue situation is favorable. A copy of the President's statement was filed with the Secretary of the Board for record.

APPOINTMENT OF DIRECTOR OF DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(4) The Board of Trustees on February 19, 1959, confirmed the appointment of Dr. Edward F. Lis, Associate Professor of Pediatrics in the College of Medicine, as Acting Director of the Division of Services for Crippled Children effective February 1, 1959, to fill the vacancy created by the death of the late Dr. Herbert R. Kobes.

Dr. Lis has given effective leadership to the Division. Consideration has been given to recruiting other individuals for the post of Director but he has demonstrated that he is the ablest individual whom the University could secure to provide continuing effective direction to the Division.
Accordingly, the Vice-President in charge of the Chicago Professional Colleges recommends the appointment of Dr. Lis as Director of the Division of Services for Crippled Children, and Director of the Center for Handicapped Children in the Research and Educational Hospitals, effective August 1, 1959, and continuing until August 31, 1961, at an annual salary of $17,000 on full time and on a twelve-month per year service basis. This recommendation is supported by the Dean of the College of Medicine, the Medical Director of the Research and Educational Hospitals, the Head of the Department of Pediatrics, the supervisory professional staff of the Division of Services for Crippled Children, and is concurred in by the Vice-President and Provost and the Dean of the Graduate College.

Dr. Lis will also continue to hold his position as Associate Professor of Pediatrics in the College of Medicine on indefinite tenure.

I recommend approval.

On motion of Mrs. Watkins, this appointment was approved.

HEADSHIP OF DEPARTMENT OF MANAGEMENT

(5) Professor M. J. Mandeville, Head of the Department of Management in the College of Commerce and Business Administration, has asked to be relieved of this administrative assignment at the end of the current academic year so that he may devote all of his time to teaching and research. The Dean of the College recommends approval of his request and the appointment of Stewart Y. McMullen, Professor of Business Administration at Northwestern University School of Business, as Professor of Management on indefinite tenure and Head of the Department of Management for two years beginning September 1, 1959, at a salary of $20,000 per year on "Y" basis.

Members of the Department of Management of professorial rank and the Executive Committee of the College have been consulted and support this recommendation. The Vice-President and Provost and the Dean of the Graduate College concur.

I recommend approval.

On motion of Mr. Pogue, this appointment was approved.

HEADSHIP OF DEPARTMENT OF ANTHROPOLOGY

(6) The Board of Trustees has authorized establishment of a new Department of Anthropology, formerly a part of the Department of Sociology and Anthropology. Pending the selection of a head of the new department, the Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Julian H. Steward, Research Professor of Anthropology, as Acting Head of the Department for one year beginning September 1, 1959. He has recently been appointed to the Center for Advanced Study but is willing to accept the responsibility of the headship on the temporary basis. The recommendation is supported by the Vice-President and Provost and the Dean of the Graduate College.

I concur.

On motion of Mr. Clement, this appointment was approved.

APPOINTMENT OF ASSISTANT DIRECTOR OF THE AGRICULTURAL EXPERIMENT STATION AND ASSISTANT DEAN OF THE COLLEGE OF AGRICULTURE

(7) The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends the appointment of Dr. R. W. Jugenheimer of the Department of Agronomy as Assistant Dean of the College of Agriculture and Assistant Director of the Agricultural Experiment Station, a new position in the College and Station, for two months beginning July 1, 1959, at an annual salary rate of $12,500, and reappointment at the same salary for two years from September 1, 1959, on "BY" basis. This is in addition to his present appointment as Professor of Plant Genetics on indefinite tenure.

The Vice-President and Provost and the Dean of the Graduate College concur.

Submitted herewith is a statement from the Dean and Director in support of the establishment of this new position and of Dr. Jugenheimer's appointment. A copy is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Hughes, this appointment was approved.
APPOINTMENTS TO THE FACULTY

The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. SAMUEL M. ADLER, Visiting Professor of Art, beginning September 16, 1959, at a salary of $14,000 for the academic year 1959-60 (E).
2. LOREN WESLEY AKERS, Assistant Professor of Hygiene and Physician to McKinley Hospital and the Health Center, beginning September 1, 1959, at an annual salary of $12,000 (DY).
3. ORVILLE T. BAILEY, Professor of Neurology in the College of Medicine, beginning September 1, 1959, at an annual salary of $18,000 (AY).
4. RICHARD L. BISHOP, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of $6,500 (B).
5. DANIEL J. ELAZAR, Research Assistant Professor in the Institute of Government and Public Affairs, beginning September 16, 1959, at an annual salary of $7,500 (BY).
6. AMIEL FEINSTEIN, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of $7,000 (B).
7. ANTHONY F. GAUDY, JR., Assistant Professor of Sanitary Engineering, in the Department of Civil Engineering, beginning September 1, 1959, at an annual salary of $6,000 (B).
8. GEORGE G. JUDGE, Professor of Agricultural Economics, beginning August 1, 1959, at an annual salary of $14,000 (AY).
9. MAURICE LEE, JR., Associate Professor of History, beginning September 1, 1959, at an annual salary of $8,000 (A).
10. JAMES E. MOYER, Associate Professor of Advertising, beginning September 1, 1959, at an annual salary of $6,000 (B).
11. DONALD C. NEVILLE, Research Specialist with rank of Assistant Professor, in the Physical Plant Department, beginning May 1, 1959, at an annual salary of $7,500 (DY).
12. JOHN JOSEPH O'NEILL, Professor of Speech, Director of Speech and Hearing Clinics, and Counselor in Teacher Education, beginning September 1, 1959, at an annual salary of $12,500 (AY80; D80).
13. HIRAM PALEY, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of $6,000 (B).
14. GERARD FRANCIS SCHMIDT, Assistant Professor of German, beginning September 1, 1959, at an annual salary of $7,000 (B).
15. PAUL W. STEINBECK, Assistant Professor of General Engineering, beginning September 1, 1959, at an annual salary of $6,000 (B).
16. HERBERT S. WILF, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of $6,500 (B).
17. GEORGE W. WOODWORTH, Fred S. Bailey Memorial Professor of Money, Banking, and Finance, in the Department of Finance, beginning September 1, 1959, at an annual salary of $20,000 (A).
18. BERNHARD RUSSELL WORKS, Assistant Professor of Speech, beginning September 1, 1959, at an annual salary of $6,000 (B).

On motion of Mr. Pogue, these appointments were confirmed.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

On nomination of the Committee on Accountancy, I recommend the appointment of Mr. William Deeming, C.P.A., Administrative Partner of Scovell, Wellington, and Company, Certified Public Accountants, 105 West Adams Street, Chicago, to the Board of Examiners in Accountancy for three years beginning July 1, 1959, to replace Mr. Ralph S. Johns whose term expired June 30, 1959.

On motion of Mr. Johnston, this appointment was approved.

ADVISORY COMMITTEES FOR COLLEGE OF AGRICULTURE

The Dean of the College of Agriculture recommends the following appointments and reappointments to advisory committees for the College of Agriculture and the Agricultural Experiment Station effective September 1, 1959, for three-year terms, and I concur:
Agricultural Economics
Harvey J. Schweitzer, Malta

Agricultural Engineering
H. V. Deffenbaugh, Citizens National Bank, Paris
F. Guy White, Bob White Farms, Girard (Technical Director, Granite City Steel Company, Granite City)

Agronomy
Martin Burrus, Burrus Seed Farms, Arentzville
Maxwell Crawford, Rural Route 1, Milford

Animal Science
Lloyd Hanna, Roseann Farms, Farmersville (Manager, Gietl Brothers, Springfield)

Henry A. Longmire, Greenfield

On motion of Mr. Hughes, these appointments were approved.

THE AGRICULTURAL INDUSTRIES CURRICULUM

The Urbana-Champaign Senate recommends authorization of a new agricultural industries curriculum leading to the degree of Bachelor of Science in Agriculture.

The curriculum developed by the Colleges of Agriculture and Commerce and Business Administration is designed to meet a changing trend in demand for graduates in agriculture by placing increased emphasis on business and economic training in addition to providing a broad selection of courses in agricultural sciences, natural sciences, social sciences, communications, and the humanities. This is part of an over-all program of the two colleges envisaging further development of curriculum involving both agriculture and commerce.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved in this question.

Submitted herewith is an outline of the curriculum, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Herrick, this curriculum was authorized.

ALTERNATE EDUCATIONAL PROGRAM FOR CONSCIENTIOUS OBJECTORS AS A SUBSTITUTE FOR MILITARY TRAINING

The University Committee on Military Affairs has made a study of the problem of students who, because of reasons of conscience, object to taking military science courses. As a result of its study, the Committee has come to the conclusion that the University should adopt a plan under which conscientious objectors may petition to be excused from the compulsory military science requirement. The Committee believes that a student should be excused only on the basis of conscience and that, if excused, he should be obliged to enroll in some courses which would give him a better understanding of international politics and the history of warfare.

The Committee on Military Affairs recommends that the Board of Trustees be asked to adopt a policy permitting conscientious objectors to petition to substitute prescribed courses for the compulsory first two years of military science.

The Committee recommends that a University Committee on Military Science be appointed by the President to consider the petitions of conscientious objectors. It is recommended that this committee include the Chairman of the Committee on Military Affairs, the Dean of Students, and at least one faculty member who is not a member of the Military Affairs Committee.

The Committee recommends that the Board of Trustees authorize an appeal from an adverse decision by the University Committee on Military Science to the President.
The Committee recommends that in all cases where a petitioner is excused from compulsory military science on grounds of conscience, he be required to enroll in and pass the following courses (total of five hours): (a) Political Science 184, International Relations, two hours; and (b) one of the following history courses: History 291, History of Land Warfare, three hours; History 292, History of Naval Warfare, three hours; History 295, Reading Course, three hours.

The plan outlined is in accord with the provisions of United States law which permits a person drafted to secure assignment to special duty if he is a conscientious objector.

Military training is not a requirement for graduation in any of the undergraduate or professional colleges but is a general University requirement. All male students, unless specifically exempted under University rules, must register for military training and must take the full basic course, whether they intend to graduate or not. For example, students who are over twenty-two years of age when enrolling, students entering with junior or higher standing, and students who are physically disqualified are exempt. Since credit for military training is not required for graduation, Senate action on the recommendation of the Committee on Military Training was not required; but its recommendation was, nevertheless, presented to the Senate on June 1, 1959. The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I recommend approval of this program, effective September 1, 1959.

On motion of Mr. Pogue, this program was authorized.

**ACCREDITATION OF INSTITUTIONS OF HIGHER LEARNING**

(13) For many years the University of Illinois has been accrediting institutions of higher learning in Illinois. The Urbana Senate Committee on Admissions from Higher Institutions recommended to its Senate that this practice be discontinued, and this recommendation has been approved by both the Urbana Senate and the Chicago Undergraduate Division Senate. The Senate Coordinating Council has advised that the Chicago Professional Colleges Senate is not concerned in this.

Accordingly, the University will discontinue accreditation of institutions of higher learning in Illinois according to the following plan:

With respect to two-year and four-year institutions that have not been accredited by the North Central Association of Colleges and Secondary Schools, but which have been approved by the University, the University shall (a) inform these institutions that it is discontinuing accrediting and rating activities; (b) inform these institutions that present ratings will be continued (from September 1, 1959) for a period of three years for two-year institutions and for a period of five years for four-year institutions unless evidence is received concerning one or more of these institutions clearly indicating that such ratings should not be continued; (c) inform these institutions that it will, after September 1, 1959, accept accreditation by the North Central Association; and (d) notify these institutions that it will be glad to cooperate with them in assisting them to become fully accredited.

With respect to institutions that are in the process of establishing programs, the University shall advise these institutions when they seek approval that until they are accredited by the North Central Association, the University will admit students who have completed courses in these institutions on the basis of validation by examination or by work in advanced courses in sequence, taken in residence.

In institutions that have not been accredited by the North Central Association or approved by the University of Illinois, but that have been accredited or approved by one of the agencies recognized by the National Commission on Accrediting, the University shall accept all of the credit earned in such institutions and indicate that the precise amount of such credit which is applicable toward a particular degree will be determined by the University College and Department concerned.

This report was received for record.

1 Subsequently (b) was modified to provide for continuation of present ratings for five years for two-year institutions as well as for four-year institutions.—Secretary's Note.
CHANGES IN FEES

The Committee on Fees has recommended the following changes in the present student fee structure:

Graduate and Undergraduate Colleges—Urbana and Chicago Undergraduate Division

<table>
<thead>
<tr>
<th>Present Summer</th>
<th>Proposed Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laboratory, Library, and Supply Fee</td>
<td>$11.00</td>
</tr>
<tr>
<td></td>
<td>$10.00</td>
</tr>
<tr>
<td>Hospital-Medical-Surgical Insurance Fee</td>
<td>$7.00</td>
</tr>
<tr>
<td></td>
<td>$8.00</td>
</tr>
</tbody>
</table>

(Authorized by the Board on June 23 in the award of a contract for the hospital-medical-surgical insurance but included here to get the fee changes into the record.)

College of Dentistry—Postgraduate Fee Schedule

Part-time postgraduate students in short courses:

Present fee structure: $25.00 per day for non-laboratory courses; $35.00 per day for laboratory courses.

Proposed fee structure:

A. $25.00 per day up to and including three days of postgraduate instruction.
   $100.00 for periods over three days and up to and including a full week.
   $150.00 for periods over one week and up to and including two full weeks.
   $300.00 per day or fraction thereof over two full weeks.
   $150.00 per additional day or fraction thereof in this category. (Such groups include alumni fraternities and sectional dental societies who assume all responsibilities and obligations regarding promotion and securing enrollment.)

B. Courses offered on an hourly basis will be charged at the rate of $25.00 per six hours (on a pro rata basis).

Full-time postgraduate students:

Present fee structure: $50.00 per month, or $150.00 per quarter.

Proposed fee structure:

C. Full-time postgraduate students enrolled for the regularly scheduled survey program will be charged at the (present) rate of $50.00 per month. (See fee schedule under Survey Program.)

The schedule of postgraduate fees in the College of Dentistry has been approved by the Deans of the Colleges of Dentistry and Medicine and the Vice-President in charge of the Chicago Professional Colleges.

I recommend approval.

On motion of Mr. Swain, these fees were approved.

CHANGE IN NAME OF SMALL HOMES COUNCIL

The Executive Committee of the Small Homes Council recommends, and I concur, that its name be expanded to "Small Homes Council—Building Research Council." Its functions and operational procedures will be the same as those specified when the Small Homes Council was established by the Board of Trustees but the change in name is desired because an increasing number of architectural projects are proposed to the Council which are not in the Small Homes field but are of interest and importance, and are suited to the Council's program.

On motion of Mrs. Watkins, this change was approved.

ASSIGNMENT OF LAND RECEIVED FROM THE UNITED STATES GOVERNMENT TO THE AGRICULTURAL EXPERIMENT STATION

The University of Illinois has received from the Department of Health, Education, and Welfare approximately 160 acres of farm lands near Joliet in Will County which had been declared surplus by the United States Government. Application for this land was authorized by the Board of Trustees on April 17, 1958.
The land was transferred to the University by quitclaim deed dated May 25, 1959, subject to leases which will be in effect until February 29, 1960, and to the condition that the University shall continue to use this land for educational purposes for a period of twenty years, as set forth in the application. Failure to do so would result in forfeiture of title, or the University could pay the United States Government the fair market value of the land less a credit of five per cent for each twelve months of use of the property for the purposes specified in the application. The fair market value of the 160 acres, including the improvements thereon, is $60,000.

I recommend assignment of this land to the Agricultural Experiment Station for the use of the Department of Agronomy.

On motion of Mr. Hughes, this assignment was approved.

RESOLUTION DELEGATING SIGNATURES FOR CONSTRUCTION FUND ACCOUNTS AT THE HARRIS TRUST AND SAVINGS BANK

(17) On March 12, 1959, the Board adopted a resolution delegating signatures for the Construction Fund for the Housing Revenue Bonds of 1958, Series A and B. The Finance Committee has approved the designation of the Harris Trust and Savings Bank as the depository for the Construction Fund Account 1959B, which will be used for the construction of the graduate student residence hall. Therefore, the Finance Committee recommends that the resolution be amended to read:

WHEREAS, The Board of Trustees of the University of Illinois has designated and in the future may designate the Harris Trust and Savings Bank, Chicago, as the depository for certain Construction Fund Accounts and authorized said Bank to act as investment counsel for the purchase of government securities as temporary investment of all such Funds, and

Therefore, It Is Hereby Resolved by the Board of Trustees of the University of Illinois, a public corporation, that the President of the Board of Trustees be hereby authorized to delegate to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood authority to sign his name as President of the Board of Trustees to warrants drawn on said Construction Funds, covering vouchers approved in accordance with regulations of the Board.

The Secretary of the Board of Trustees be hereby authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith authority to sign his name as Secretary of the Board of Trustees to warrants drawn on said Construction Funds, covering vouchers approved in accordance with regulations of the Board.

Be It Further Resolved, That the Harris Trust and Savings Bank of Chicago, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or countersigner thereof, when bearing the facsimile signatures of the two following: K. E. Williamson, President, and A. J. Janata, Secretary; and the Harris Trust and Savings Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means facsimile signature or signatures thereon may have been offered thereto, if such facsimile signatures duplicate the facsimile specimens duly certified to or filed with the Harris Trust and Savings Bank of Chicago by the Secretary or other officer of this Corporation; and

Be It Further Resolved, That H. O. Farber, Comptroller of this Board, is hereby authorized to direct the Harris Trust and Savings Bank to execute orders for the purchase, sale, or exchange of United States Government securities acquired as temporary investment of said Construction Funds, and H. O. Farber is further authorized to delegate to C. C. DeLong and to W. M. Griffith authority to sign his name to such orders.

On motion of Mr. Johnston, this resolution was adopted.

NONRECURRING APPROPRIATIONS

(18) The Vice-President and Provost and the Vice-President and Comptroller recommend the following assignments from the General Reserve:

1. College of Liberal Arts and Sciences, equipment and improvements in
the Natural History Building for the departments listed so that effective use can be made of space allocated to them and formerly occupied by the Department of Physiology which has been transferred to Burrill Hall:

Botany........................................................... $24,625
General Studies........................................ 18,970
Zoology............................................................ 14,920

2. College of Liberal Arts and Sciences, equipment for language laboratory in Lincoln Hall...................................................... 27,000
3. College of Commerce and Business Administration, remodeling in David Kinley Hall.................................................. 10,000
4. Student Counseling Service, construction of a room in the south end of the third floor corridor of Administration Building (East)........ 3,070
5. Research and Educational Hospitals, furniture and equipment for recently remodeled areas......................................... 7,200
6. School of Life Sciences, dedication of Burrill Hall...................... 3,800
7. Overcoats (200) for Football Band.................................. 7,430

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

**APPROPRIATIONS FOR BUILDING ALTERATIONS**

(19) Funds are needed for remodeling to provide office facilities and instructional space. Some of the critical areas are:

1. *Lincoln Hall* — remodeling on second floor for offices for the Departments of Russian and French; the basement area for a laboratory for the Department of Anthropology; and dividing six classrooms into smaller rooms with a classroom capacity of thirty each. Estimated cost........................................................... $27,200

2. *English Building* — converting room 201 into three classroom areas. Estimated cost .................................................. 22,000

3. *Natural History Building* — preparing rooms 423, 435, 431, and 432 for laboratory instruction and rooms 116 and 120 for geology classes. Estimated cost .................................................. 20,500

4. *Harker Hall* — remodeling room 204 for use of one end as a general university classroom and the other as a laboratory for entomology classes. Estimated cost .................................................. 3,000

5. *Noyes Laboratory* — clearance of surplus equipment and improvement of lighting so that areas may be used for offices for graduate assistants. Estimated cost .................................................. 6,500

6. *Building at 1205 West Oregon Street, Urbana* — remodeling of second floor to provide quarters for the all-University Honors Program approved by the Board of Trustees. Estimated cost.................................................. 13,500

Total.......................................................... $101,700

Submitted with this recommendation are supporting statements explaining the needs for this remodeling and the breakdown of the cost estimates. Copies are being filed with the Secretary of the Board for record.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President and Provost recommend an appropriation of $101,700 from the General Reserve for these building alterations.

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

**FINANCING AND CONSTRUCTION OF MEN’S RESIDENCE HALLS**

(20) The Board of Trustees has authorized the construction of the third stage of the Men’s Residence Halls in the University’s student housing program. These
boards will be on Peabody Drive and will consist of three residence halls and a food service unit, duplicating the Gregory Drive Men's Residence Halls group (Forbes, Garner, and Van Doren Houses), completed and occupied in September, 1958. The third stage will provide housing for 1,500 men students; quarters for 1,000 should be available in September, 1960, and the remaining 500 in September, 1961.

The total estimated cost of this project is $7,500,000, to be financed through a revenue bond issue. It was anticipated that $3,750,000 of the bonds could be sold to the Housing and Home Finance Agency under the Federal College Housing Loan Program and the remaining $3,750,000 sold at public sale to investment bankers. Approval of the federal government's participation in this financing was contingent upon enactment of the housing bill recently passed by the Congress and consequently University negotiations were necessarily delayed until the outcome of this legislation was known. The veto of the congressional act means further delay and it is uncertain whether or not any housing legislation will be approved by the present Congress.

To meet the completion schedule indicated, construction must be started soon. Bids on the construction will be received on July 22 and 28, and it had been planned that as soon as these bids are known, a public notice would be issued inviting bids on the bonds with the sale of bonds scheduled for the middle of August. In the event federal financing is not available in time, one of two courses of action may be followed: (1) divide the project into two phases, the first of which would be financed entirely from the sale of bonds to private capital and the second deferred until federal financing can be assured; or (2) sell bonds for the complete project to private capital and seek federal financing on future housing projects for their total cost instead of on a matching basis.

The Vice-President and Comptroller recommends that:

1. He be authorized to advertise for the sale of bonds at the appropriate time and in a manner advantageous to the University;
2. The application to the Housing and Home Finance Agency be amended, if necessary;
3. The firm of Chapman and Cutler, Chicago, be retained as counsel for the bond issue;
4. The Executive Committee of the Board of Trustees be authorized to (a) award construction contracts, (b) approve the Loan Agreement with the Housing and Home Finance Agency if federal financing is available, and (c) sell the bonds for this project;
5. Funds from Housing Division Reserve be advanced to the extent necessary and available to finance construction costs prior to the delivery of bonds; and that
6. The Comptroller and the Secretary of the Board of Trustees be authorized to execute all documents and to take all other steps necessary to initiate this project.

I concur in these recommendations.

On motion of Mr. Johnston, these recommendations were approved, and the Executive Committee was authorized to act for the Board on all necessary steps to be taken pursuant to said recommendations. This action was taken by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

FINANCING AND CONSTRUCTION OF LAUNDRY AT CHICAGO PROFESSIONAL COLLEGES

(21) The Board of Trustees has approved the construction of a laundry at the Chicago Professional Colleges as a self-liquidating project, has authorized the Vice-President and Comptroller to investigate ways and means of financing its construction, and has authorized employment of architects to prepare plans and specifications. The Buildings and Grounds Committee has approved the location of the building at the northeast corner of Damen Avenue and Taylor Street.

The Vice-President and Comptroller and officers of the University of Illinois Foundation have discussed with officers of the First National Bank of Chicago methods of financing; as a result of these conferences, it has been
determined that a laundry building can be financed and constructed according to the following plan.

1. The University will convey to the Foundation the site for the laundry, to which the University now has title.
2. The Foundation will borrow $650,000 from the First National Bank of Chicago to construct and equip the laundry.
3. The Foundation will request the University to act as its agent in taking bids and supervising the construction and equipping of the building.
4. The University will recommend to the Foundation awards of contracts by the Foundation for the construction and equipping of the building.
5. The Foundation and the University will execute a lease under which the Foundation will lease the building and equipment to the University for the purpose of carrying on laundry operations.
6. The University will pay under this lease a rental to the Foundation sufficient to repay the funds borrowed from the First National Bank over a period of from ten to twelve years, depending on the interest rate at which the loan is made.
7. The loan will be made by the First National Bank of Chicago at an interest rate of 2½ per cent. A ruling has been secured from the Department of Internal Revenue that the interest paid to the Bank by the Foundation is exempt from income tax. At 2½ per cent the loan will be repayable in ten years.
8. The University will charge departments of the University in Chicago rates for laundry work performed, which will provide income to cover the operations of the laundry and pay the necessary rentals to the Foundation.
9. Upon repayment of the loan by the Foundation, the property will be conveyed by the Foundation to the University.

The Foundation has taken the necessary actions. Bids taken by the University on the construction of the laundry and installation of equipment will be turned over to the Foundation with a recommendation for the awards of the contracts. It is necessary that an easement be granted by the University to the Medical Center Steam Company, which will supply steam to the laundry, before conveyance of the laundry site to the Foundation.

Accordingly, the Director of the Physical Plant, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller recommend that:

1. The Board adopt a resolution (submitted herewith) granting an easement to the Medical Center Steam Company.
2. The Board adopt a resolution (submitted herewith) authorizing the Comptroller and the Secretary of the Board to execute the necessary documents and to take other actions as may be necessary to implement the plan recommended.
3. The University of Illinois Foundation be requested to award contracts for the construction and equipment of the laundry building as follows:

   Construction — George Sollitt Construction Company, Chicago.................. $443,540.00
   Equipment —
      American Laundry Machine Company, Chicago.................. 108,620.00
      Super Laundry Machinery Company, Chicago.................. 35,763.80
   Total Contracts .............................................. $587,923.80

The budget for this project indicates a total cost of $768,600. The University will provide $118,600 in (a) usable equipment in the present laundry, valued at $33,000; (b) $45,000 in reserves resulting from operation of the present laundry; and (c) $40,000 representing the value of the site. This leaves $650,000 to be financed.

All approvals are subject to completion of the necessary legal documents in a form and manner satisfactory to the University's Legal Counsel, the University of Illinois Foundation, and the First National Bank of Chicago. Submitted herewith is a report with recommendations from the Physical Plant Department relating to the award of contracts, including a schedule of all bids received and a budget for the project. A copy of this report is being filed with the Secretary of the Board for record.
Resolution

*Be It, and It Is Hereby Resolved* by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in behalf of this corporation, and in its name, to prepare, execute, and deliver to MEDICAL CENTER STEAM COMPANY an agreement granting said MEDICAL CENTER STEAM COMPANY a right, easement, permission, and authority to use the South ten (10) feet of the West twenty-five (25) feet more or less of Lot 4 and the North five (5) feet of the West twenty-five (25) feet more or less of Lot 5, both in Turner and Bond’s Subdivision of that part of the West half of Lot 10 North of Taylor Street; all in Codwise’s Subdivision of the West half of the South East quarter of Section eighteen (18), Township thirty-nine (39) North, Range fourteen (14), East of the Third Principal Meridian (except one chain and 37 links all along the West side thereof) in Cook County, Illinois, for the purpose of constructing, operating, maintaining, renewing, and removing conduits, service pipes, and other related appurtenances, which easement shall be perpetual and shall continue for so long as used for said purposes and shall follow the title and ownership of the property and facilities of said MEDICAL CENTER STEAM COMPANY to its successors and assigns; said easement to be granted on the condition that MEDICAL CENTER STEAM COMPANY restore any property of this public corporation, or its assigns, disturbed by reason of such installation, repair, or removal as nearly as possible to its original condition, and that MEDICAL CENTER STEAM COMPANY indemnify this public corporation against all loss arising out of its exercise of the rights granted under such easement.

Resolution

*Be It, and It Is Hereby Resolved* by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a public corporation of the State of Illinois, that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and in the name of, and on behalf of, this public corporation to sign, execute, and deliver an agreement with and to UNIVERSITY OF ILLINOIS FOUNDATION, a not for profit corporation of the State of Illinois, hereinafter referred to as Foundation, whereby this public corporation will convey certain hereinafter described property owned by it in the Medical Center District of Chicago to Foundation; Foundation will borrow money for the purpose of constructing, and will construct, on said property a building completely equipped suitable for and to serve as a laundry for said public corporation, will lease said property, including said building and equipment, to this public corporation at a rental sufficient to pay its indebtedness incurred in connection with the construction and equipping of said building; and will upon completion of the repayment of said indebtedness from said rentals reconvey said property, including the building and equipment thereon, to this public corporation; to sign, execute, acknowledge, and deliver to Foundation a good and sufficient warranty deed conveying to said Foundation in accordance with the terms of the hereinbefore mentioned agreement the following described property, to-wit:

Lots 1 to 10 both inclusive and the vacated North and South public alley lying East of the East lines of Lots 1 to 7 both inclusive and West and Northwesterly of the West and Northwesterly line of Lot 8; all South of the North line of Lot 8 produced West to the East line of Lot 1, said alley vacated by an Ordinance of the City Council of the City of Chicago passed 1959; all in Turner and Bond’s Subdivision of that part of the West half of Lot 10 North of Taylor Street; all in Codwise’s Subdivision of the West half of the South East quarter of Section 18, Township 39 North, Range 14, East of the Third Principal Meridian (except one chain and 37 links all along the West side thereof) in Cook County, Illinois;

to sign, execute, and deliver a lease with and from Foundation of said property, including said building and equipment, when the construction and equipping of said building has been completed, under which lease this public corporation will agree to pay a rental sufficient to meet all payments required of Foundation on its indebtedness incurred in connection with the construction and equipping of said building, said lease to run from the date of completion and equipping of said
building to June 30 of the first subsequent odd-numbered year and thereafter to be automatically renewed for successive two-year periods from July 1 of each odd-numbered year to June 30 of the next succeeding odd-numbered year unless sixty (60) days prior written notice of termination at the end of any one of said two year periods is given Foundation by this public corporation until said lease is finally terminated by the payment and liquidation of the above mentioned indebtedness; to commit this public corporation to act as agent for Foundation in the construction and equipping of said laundry building and in the administration and service of such indebtedness and the payments and disbursements from and of funds made available by the creditor of Foundation for the purpose of construction and equipping of said laundry building; to accept reconveyance of said property, including said building and equipment, from Foundation when Foundation's indebtedness has been retired as provided above; and to sign, execute, acknowledge, and deliver any and all other documents and instruments deemed necessary or desirable by said Comptroller and said Secretary to accomplish the purposes herein set forth.

I concur in these recommendations.

On motion of Mrs. Watkins, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

ASSIGNMENTS OF FUNDS AND AWARD OF CONTRACTS FOR NUCLEAR REACTOR

(22) Bids received on a Nuclear Reactor and on construction of a building to house the equipment for the College of Engineering and the Engineering Experiment Station total $357,000 compared with an original estimate of $400,000.

A grant of $150,000 from the Atomic Energy Commission is available for a portion of this cost. The Board of Trustees had previously assigned (May, 1958) $90,000 for the University's portion of the original estimated cost. To finance the additional cost, the Vice-President and Provost and the Vice-President and Comptroller recommend assignment of $28,000 from funds available to the University Research Board and $89,000 from accumulated collections for indirect costs on contract research. The Research Board has approved this assignment.

If funds are thus made available, it is recommended that contracts be awarded to the lowest bidders as follows:

Building construction — Kuhne-Simmons Company, Inc., Champaign. .... $133,859
Reactor — General Atomic Division, General Dynamics Corporation, San Diego, California ........................................ 171,010
Additional equipment ........................................... 6,928

I concur in these recommendations.

On motion of Mr. Swain, these contracts were awarded, and funds were assigned as recommended, by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

CONTRACT WITH RICHARDSON, SEVERNS, SCHEELER, AND ASSOCIATES FOR ARCHITECTURAL SERVICES

(23) The University's contract with Richardson, Severns, Scheeler, and Associates, Champaign, Illinois, for architectural services on specific assignments expires August 1, 1959. The Director of the Physical Plant and the Vice-President and Comptroller recommend a new contract with this firm for the following services:

<table>
<thead>
<tr>
<th>Chicago Professional Colleges</th>
<th>Estimated Cost</th>
</tr>
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<tbody>
<tr>
<td>Architectural studies for future buildings</td>
<td>$20,000</td>
</tr>
<tr>
<td>Completion of studies and report on master plan.</td>
<td></td>
</tr>
<tr>
<td>Review of program and relationship of proposed new buildings and remodeling of existing buildings.</td>
<td></td>
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</tbody>
</table>
Urbana-Champaign Campus

Architectural studies for future buildings........................................... $15 000
Completion of written report on the 1959-61 development plans.
Continuation of studies on the 1959-69 development plan, including revisions, and the development of a detailed program for the various college areas.
Continuation and refinement of the general development plan beyond 1969.
Feasibility studies of student and staff housing and related projects... 7 000
Miscellaneous services and architectural studies for future buildings.............................................. 12 000

These services to be on specific projects as funds for them become available, the cost of these services to be paid from project funds.

The terms of the contract will be the same as those in previous contracts with this firm except for changes in standard hourly rates of personnel employed. Payments will be based on payroll costs plus 100 per cent for overhead and commission.

This will require assignments and reassignments of funds as follows:
From unexpended balances in appropriations previously made by the Board for these purposes:
Architectural studies for Chicago Professional Colleges..............$20 000
Architectural studies for future buildings at Urbana and costs charged directly to project costs.................................................. 27 000

From Housing Division Reserves........................................ 2 000

From the General Reserve........................................ 5 000 7 000

For feasibility studies of student and staff housing and related projects.

I recommend approval.

On motion of Mr. Pogue, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

CONTRACTS FOR FUEL FOR THE CHICAGO UNDERGRADUATE DIVISION AND THE MEDICAL CENTER STEAM PLANT AT THE CHICAGO PROFESSIONAL COLLEGES

Coal for Medical Center Steam Plant

(24) The Director of the Physical Plant, the Business Manager of the Chicago Colleges and Divisions, and the Vice-President and Comptroller recommend award of a contract to the Diamond Coal and Oil Company, 1074 West Division Street, Chicago, Illinois, the lowest bidder, for 35,000 tons of screenings coal to be delivered to the Medical Center Steam Company plant, operated by the University, as required during the period September 1, 1959, to June 30, 1960, at a per ton cost of $3.25, plus transportation of $3.23, plus $1.04 for handling, storage, and delivery, or a total estimated cost of $263,200. This price is based on present wage scales and is subject to increase or decrease in the event wage contracts or freight rates now in effect are changed and any such change affects the price. The University has the right of approval of any such increase in price.

The lowest bid is determined by the number of British Thermal Units per one cent of cost, based on guaranteed analysis. A continuous check is provided to insure compliance with the specifications.

Fuel Oil for Medical Center Steam Plant

The aforesaid officers also recommend the purchase of a minimum of 8,000 gallons of No. 6 fuel oil with the option of purchasing as much more as may be required for emergency use, but not to exceed 450,000 gallons, for the 1959-60 heating season, from the Jewett and Sowers Oil Company, 2580 South Archer Avenue, Chicago, Illinois, the lowest bidder, at a price not to exceed $0.0859 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." On the basis of the maximum price quoted, the total cost of 8,000 gallons would be $687.20, and of 450,000 gallons, $38,955.
The Medical Center Steam Company plant is equipped to burn either coal, gas, or oil. Winter operation has been with coal and summer with gas. The fuel oil is for stand-by service. If used for emergency operation instead of gas or coal, there will be a corresponding reduction in expenditure for these two fuels.

**Fuel Oil for Undergraduate Division**

The aforesaid officers also recommend the purchase of No. 5 fuel oil, not to exceed 340,000 gallons, for the 1959-60 heating season, from the Jewett and Sowers Oil Company, 2580 South Archer Avenue, Chicago, Illinois, the lowest bidder, at a price not to exceed $0.0939 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." On the basis of the maximum price quoted, the total cost of 340,000 gallons would be $31,926.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts, subject to approval by the Governor as required by the State Constitution.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

**Contracts for Construction of Addition to Abbott Power Plant and for Extensions of the Utilities Distribution System**

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for construction, installations, and equipment in the construction of an addition to the Abbott Power Plant and extensions of the utilities distribution system, the contract in each case to be subject to the availability and releases of funds in state capital appropriations to the University for 1959-61. In each case the contract recommended is to the lowest bidder.

**Power Plant Addition**

New cooling tower, electrical work (Division "8-B") — Square Deal Electrical Contracting, Inc., LaPorte, Indiana. $30,570

Basin for new cooling tower (Division "8-G") — W. R. Stowe Company, Tuscola, Illinois. $22,900

Addition for required shoring of south side of Small Homes Council Research. $22,450

Building to protect same. $450

Cooling tower piping and miscellaneous work (Division "8-H") — Shester Brothers — Ideal Heating Company, 6316 Wentworth Avenue, Chicago. $37,777

Turbine generator unit and exciter, electrical equipment and boiler feed pump (Division "8-D") — Babcock and Wilcox Company, Chicago. $637,440

Steam generating unit with auxiliaries (Division "8-D") — General Electric Company, Chicago. $590,922

Closed feed water heater (Division "8-E") — Alco Products, Inc., Chicago. $10,950

Condensing equipment and deaerating heater (Division "8-E") — Westinghouse Electric Corporation, Chicago. $76,080

**Extension of Utilities Distribution Systems**

Construction of underground tunnel (Division "A A") — Kuhne-Simmons Company, Inc., Champaign. $283,810

Piping system in steam tunnel and steam conduit from tunnel to Assembly Hall (Division "B B") — Burdick Plumbing and Heating Company, Decatur. $153,526

Thermal insulation for piping in steam tunnel (Division "C C") — W. J. Donahoe Company, Chicago. $49,129

Base bid plus accepted alternates.

(The base bid is on the installation of the main steam and return lines; alternates are for installation of subsidiary lines.)
Electrical work in steam tunnel and for extension of electrical distribution system (Division “D D”) — Square Deal Electrical Contracting, Inc., Urbana. $ 59 043

Plumbing work for steam tunnel (Division “E E”) — George S. Walker Plumbing and Heating, Inc., Decatur. 11 836

Submitted herewith are supporting statements from the Physical Plant Department listing all bids received and reporting the recommendations of Sargent and Lundy, Chicago, employed by the University for the engineering designs of the construction and equipment installations. Copies of these reports are being filed with the Secretary of the Board for record.

Funds are available in the state capital appropriations to the University for 1959-61 subject to release by the Governor. The Governor has announced that no releases of capital appropriations will be approved prior to January, 1960, and then only if the State's revenue situation is favorable. Hence, award of these contracts must be contingent upon the release of funds and provided that the contractors will extend the time during which their bids will be firm. The alternative is to reject all bids and advertise for new ones when availability of funds has been assured.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

ADDITION TO CONTRACT FOR ABBOTT POWER PLANT

The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $5,750 in the contract with General Electric Company, Chicago, to provide for spare parts for the recently installed turbine generator. This would be for a minimum number of parts which should be in stock for repairs so that there will be no unnecessary delays in operations.

Funds are available in the state capital appropriations for 1957-59.

I concur.

On motion of Mr. Herrick, this change in the contract was authorized.

STEAM SERVICE TO HOLY TRINITY PARISH CHURCH IN CHICAGO

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with the Holy Trinity Parish Church, 916 South Wolcott Avenue, Chicago, for steam service from the Medical Center Steam Company plant to a new church to be constructed in the Medical Center District at the northwest corner of Taylor Street and Wolcott Avenue, this contract to be on the same basis as contracts with other consumers of steam in the District supplied by the Company. The requirements of the church will not exceed 800 pounds per hour maximum demand. Additions to the steam plant now nearing completion will provide enough excess capacity to supply steam to the church.

I recommend approval.

On motion of Mr. Johnston, this contract was authorized.

RESEARCH CONTRACT WITH ATOMIC ENERGY COMMISSION AND OFFICE OF NAVAL RESEARCH

The Department of Physics requests authority to submit a proposal to the Atomic Energy Commission and/or the Office of Naval Research for support of a research program in elementary particle physics. The amount of $889,288 is requested for a two-year period which would provide full reimbursement for all direct and indirect costs, the latter estimated to be approximately $121,000. Space is available in the new Physics Building and elsewhere for this program.

I recommend approval and authorization of a contract.

On motion of Mr. Swain, this contract was authorized.
GRANTS FROM THE ROCKEFELLER FOUNDATION
AND THE FORD FOUNDATION

The Rockefeller Foundation has made a grant of $45,000 to the University of Illinois for research on the biochemistry of insects. This grant will be for a three-year period beginning September 1, 1959, and is a continuation of previous grants made for research in this field during the past nine years by Professors Clyde W. Kearns and James Sternburg of the Department of Entomology. The funds provided will be used for the salaries and wages of scientific and technical staff, laboratory equipment, and travel expenses.

The Ford Foundation has made a grant of $47,500 to the University of Illinois to be used over a period of three years for the released time of members of the faculty for educational television programming. It will be used in connection with a course in economics and one in sociology and will provide full support to televise both courses the first year, and partial support of the courses in the next two years. It is the expectation of the officers of the Foundation that the program will be a permanent one and that the amount of instruction given over television will be increased in future years. The grant was made in response to an application submitted by Professor James R. Shipley, Head of the Department of Art and Chairman of the Committee to Direct Planning and Research in Instructional Television, and endorsed by Deans Royden Dangorfield and F. T. Wall and by Mr. Robert E. Gentry, representing the Business Office.

The University has accepted these grants from the Ford Foundation and the Rockefeller Foundation for the purposes indicated.

This report was received for record.

On motion of Mrs. Watkins, the Secretary was instructed to write to the Rockefeller and Ford Foundations formally expressing for the Board of Trustees appreciation of the support they have been giving programs of this type in general and to the University of Illinois in particular.

COMPTROLLER'S REPORT OF CONTRACTS

(30) The Comptroller's report of contracts executed during the period June 1 to 30, 1959.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Society for Engineering Education</td>
<td>To cover salary of Professor W. Leighton Collins on a three-fourths time basis, from July 1, 1958, to June 30, 1959</td>
<td>$ 8 374 99</td>
<td>September 16, 1958</td>
</tr>
<tr>
<td>American Society for Engineering Education</td>
<td>To cover salary of Paul T. Bryant on a one-half time basis, from September 1, 1958, to August 31, 1959</td>
<td>4 105 39</td>
<td>September 1, 1958</td>
</tr>
<tr>
<td>American Society of Landscape Architects Committee on Research</td>
<td>Guidance in preparation of research programs and coordination of research activities</td>
<td>1 110 00</td>
<td>May 25, 1959</td>
</tr>
<tr>
<td>Sandia Corp.</td>
<td>Magnetic throat possibilities and the calorimetry of plasmajets</td>
<td>7 000 00</td>
<td>June 5, 1959</td>
</tr>
<tr>
<td>United States Air Force AF19(604)-5705</td>
<td>Siege operator performance factors contributing to operator fatigue in siege operations</td>
<td>37 955 00</td>
<td>May 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF19(600)-2038</td>
<td>Methods of determining organ displacement in animate objects using micronex X-ray</td>
<td>9 688 00</td>
<td>June 15, 1959</td>
</tr>
<tr>
<td>United States Air Force AF19(638)-661</td>
<td>Data processing and analysis of data obtained in high-energy physics experiments</td>
<td>46 000 00</td>
<td>June 1, 1959</td>
</tr>
<tr>
<td>United States Army DA18-664-404-CML-426</td>
<td>Synthesis of fluorine compounds</td>
<td>12 000 00</td>
<td>June 1, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-792</td>
<td>Ribonucleic acid in the accumulation of ions by plant cells</td>
<td>15 000 00</td>
<td>June 15, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AF(11-1)-792</td>
<td>Effect of X-ray irradiation on the enzymatic activity and nucleic acid metabolism in seeds and seedlings of Zea mays</td>
<td>18 400 00</td>
<td>June 17, 1959</td>
</tr>
<tr>
<td>United States Navy NOb 72137</td>
<td>Fatigue behavior of welded HY80 at a stress calculated to provide failure at or between 10,000 cycles to 100,000 cycles</td>
<td>36 800 00</td>
<td>May 1, 1959</td>
</tr>
</tbody>
</table>
### BOARD OF TRUSTEES

#### Leases

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>States Attorney of DeKalb County</td>
<td>Services rendered in lieu of taxes (Wright farms)</td>
<td>$4,232.01</td>
<td>June 18, 1959</td>
</tr>
<tr>
<td>Edna E. Bauer</td>
<td>Rental of four-room suite on second floor, east side of building, located at 150 East First Street, Carlinville, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$1,440.00 ($600.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>Collins &amp; Levis, Agents</td>
<td>Rental of suite 602, Car-Pet-Line Building, Rockford, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$2,772.00 ($115.50 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>Department of Finance of the State of Illinois</td>
<td>Rental of room 416, State of Illinois Building at 160 North LaSalle Street, Chicago, Illinois, from July 1, 1959, to June 30, 1961, for College of Agriculture</td>
<td>$3,960.00 ($163.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>G. W. Filberth</td>
<td>Rental of premises at 719 East Main Street, Mount Vernon, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$3,560.00 ($156.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>James Harvey Gray</td>
<td>Rental of first floor, building located at 120 South Fair Street, Olney, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$1,680.00 ($70.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>V. W. Hurlbert</td>
<td>Rental of office space and a supply storage room located at 602 South Broadway, Urbana, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$2,640.00 ($110.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>Massey-Ferguson, Inc.</td>
<td>One F-40 standard tractor, one DPO-A21 corn planter with fertilizer attachment, one DPO 7 ft. side delivery rake, one 7-PEO-20 narrow mower, one 13-ABO-22 8 ft. disc harrow, one 2-14-R 2 bottom plow, one 3-14-R 3 bottom plow, one SBO-41 spike tooth harrow, one PBO-20 disc tiller</td>
<td>$3,960.00 ($165.00 per month)</td>
<td>May 13, 1959</td>
</tr>
<tr>
<td>Henry S. Miller, Agent</td>
<td>Rental of suite 602, sixth floor, building located at 101 South Fifth Street, Springfield, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$3,960.00 ($165.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>Frank Skafidas</td>
<td>Rental of premises at 2004 Third Avenue, Rock Island, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$3,000.00 ($125.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>B. A. Strauch</td>
<td>Rental of premises at 707 South Wright Street, Champaign, Illinois, from July 1, 1959, to June 30, 1961, for Physical Plant Department</td>
<td>$2,400.00 ($200.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>Clara Woolcott and Charles E. Seten, Sr.</td>
<td>Rental of rooms 8 and 9, Seten Building, corner of Vine and Locust Streets, Harrisburg, Illinois, from July 1, 1959, to June 30, 1961, for Division of Services for Crippled Children</td>
<td>$1,090.00 ($45.00 per month)</td>
<td>July 1, 1959</td>
</tr>
</tbody>
</table>

#### Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Cyanamid Co.</td>
<td>Systemic insecticides for control of insects on wheat</td>
<td>$1,000.00</td>
<td>June 1, 1959</td>
</tr>
<tr>
<td>American Iron &amp; Steel Institute</td>
<td>Welded wire fabric for reinforced concrete</td>
<td>$34,000.00</td>
<td>April 15, 1959</td>
</tr>
</tbody>
</table>
### Adjustments Made in 1958-59 Cost-Plus Contract

#### With Whom

- **E. T. Drewitch (Plastering)***

#### Purpose

- Fifty-one items: $174.57 deduct to $8,331.65

#### Amount

- $8,340.00

#### Date

- May and June, 1959

This report was received for record.

### CONTRACTS FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(31) In anticipation of a large volume of minor building alteration work during 1959-60, more than can be undertaken by University mechanics but most of which work would not justify the cost of preparing separate drawings and specifications and the expense of separate bidding procedures, the Physical Plant Department proposes renewing a former practice of securing bids from contractors in the various divisions of work based on net cost, plus an added percentage of material and labor costs for overhead and commission, the percentages varying with the amount of work to be done.

The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of cost-plus contracts for the fiscal year ending June 30, 1960, as follows, in each case being to the lowest bidder:

- **General work** — Oran L. Shoomaker and Company, Champaign
- **Electrical work** — Brunkow Electric Company, Champaign
- **Plumbing work** — David W. Reichard Plumbing and Heating, Urbana
- **Heating, piping, refrigeration, and automatic temperature control systems** — Reliable Plumbing and Heating Company, Champaign
- **Ventilating and sheet metal work** — Schroeder and Sons Company, Champaign

A schedule of bids taken on the basis of such procedure showing the percentages to be added for work to be executed under cost-plus percentage contracts is attached, and a copy of this schedule is filed with the Secretary of the Board for record as the basis for the contract awards recommended. Awards of these
contracts will require no assignment of funds at this time; each contract will be covered by a contract change order charged against funds allocated for it.

I concur.

On motion of Mr. Johnston, these contracts were authorized.

PURCHASES

(32) The Director of Purchases has proposed and the Vice-President and Controller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>23,000 copies <em>Illinois Farm Record Book, Part I</em></td>
<td>Agricultural Economics</td>
<td>Interstate Printers &amp; Publishers, Inc., Danville</td>
<td>$83,845.00</td>
</tr>
<tr>
<td>Professional services required during the period July 1, 1959, through June 30, 1960, for development and production of weekly <em>University of Illinois Market News</em>, conducted in the Chicago area by the Extension Service in Agriculture and Home Economics; services consist of preparation of maps and mate, mimeographing, clipping service, and mailing material</td>
<td>Service in Agriculture and Home Economics</td>
<td>Newspaper-95, Chicago</td>
<td>$9,924.00</td>
</tr>
<tr>
<td>35 microscopes, monocular, triple nose-piece with 10X, 45X, 97X with 10X eye-piece, condenser, and iris diaphragm, with substage illuminator</td>
<td>Botany</td>
<td>Scientific Products, Evanston</td>
<td>$11,667.95</td>
</tr>
<tr>
<td>12 microscopes, dissecting, stereoscopic, 10X, 15X, 30X, 40X magnifications with lamps</td>
<td>General Chemical Stores</td>
<td>E. H. Sargent &amp; Co., Chicago</td>
<td>$3,520.22</td>
</tr>
<tr>
<td>One chromatograph, programmed temperature type</td>
<td>Chemistry and Chemical Engineering</td>
<td>F &amp; M Scientific Corp., Wilmington, Del.</td>
<td>$2,780.00</td>
</tr>
<tr>
<td>One disc integrator mounted on recorder</td>
<td>Coordinated Science Laboratory</td>
<td>Scientific Electric, Inc., Garfield, N. J.</td>
<td>$3,523.02</td>
</tr>
<tr>
<td>One lot laboratory apparatus and glassware</td>
<td>Digital Computer Laboratory</td>
<td>Texas Instruments, Inc., Chicago</td>
<td>$15,000.00</td>
</tr>
<tr>
<td>One portable induction heating unit rated at 10 kw. input, 6 kw. output, 208 V., 1 Ph., 60 cy., 450 KC</td>
<td>Division of General Studies</td>
<td>Unitron Instrument Division, United Scientific Co., Boston, Mass.</td>
<td>$6,895.00</td>
</tr>
<tr>
<td>66 microscopes, monocular student type, 4X, 10X, 43X objectives, 10X eyepieces, condenser with iris</td>
<td>Library</td>
<td>H. P. Kraus, New York, N. Y.</td>
<td>$9,500.00</td>
</tr>
<tr>
<td>Four microscopes, stereoscopic, wide field, for opaque subjects 10X to 50X magnifications in three steps</td>
<td>Library</td>
<td>Hertzberg-New Method, Inc., Jacksonville</td>
<td>$110,000.00</td>
</tr>
<tr>
<td>Fourteenth-century manuscript of the coronation service, used in the coronation ceremony on May 11, 1326, for the investing of Charles IV and Jeanne d'Evreux as King and Queen of France; this is an acquisition for the permanent rare books and manuscripts collection and will be used in scholarly research</td>
<td>Library</td>
<td>Hertzberg-New Method, Inc., Jacksonville</td>
<td>$10,000.00</td>
</tr>
<tr>
<td>Binding for all University Libraries, Urbana, Chicago Professional Colleges, and Chicago Undergraduate Division, for two years, July 1, 1959, to June 30, 1961</td>
<td>Library</td>
<td>Hertzberg-New Method, Inc., Jacksonville</td>
<td>$5,000.00</td>
</tr>
<tr>
<td>One Hinman collating machine</td>
<td>Library</td>
<td>Arthur M. Johnson, Inc., Silver Spring, Md.</td>
<td>$5,668.00</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>Rebuild Steinway model D grand piano</td>
<td>Music</td>
<td>Steinway &amp; Sons, Long Island City, N.Y.</td>
<td>$3,135.00 f.o.b. Long Island City, N.Y.</td>
</tr>
<tr>
<td>One Remington-Rand synchro-tape typewriter</td>
<td>Music</td>
<td>Remington Rand, Inc., Chicago</td>
<td>$3,680.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>One Reader rewind reel</td>
<td>University Bands</td>
<td>DeMoulin Bros. &amp; Co., Greenville</td>
<td>$9,510.00 f.o.b. delivered</td>
</tr>
<tr>
<td>100 overcoats, band uniform</td>
<td>Televison-Motion Pictures</td>
<td>Telecript-CSP, Inc., New York, N.Y.</td>
<td>$3,880.25 f.o.b. delivered</td>
</tr>
<tr>
<td>One pump assembly, high pressure, laboratory; with air pump and compression cylinder, on portable base; air driven; with a capacity of 60,000 pounds per square inch</td>
<td>Veterinary Medicine</td>
<td>Baird-Atomic, Inc., Cambridge, Mass.</td>
<td>$2,504.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One set television prompting equipment consisting of: two prompter reading devices, one prompter typewriter, one master control unit, one remote hand control unit, and all necessary cabling and miscellaneous parts</td>
<td></td>
<td>Nuclear-Chicago Corp., Chicago</td>
<td>$1,058.26 f.o.b. delivered</td>
</tr>
<tr>
<td>Radiation detection and measurement equipment: Two recorders, automatic speed One assembly (shields, probes, cables, ratemeters, carta)</td>
<td></td>
<td>Tracerlab, Inc., Berwyn, Ill.</td>
<td>$1,142.39 f.o.b. delivered</td>
</tr>
<tr>
<td>One scaler</td>
<td></td>
<td>Radiation Instrument Development Laboratory, Inc., Chicago</td>
<td>$695.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One detector</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One Beta well assembly</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6,000 dwt. type C casting gold</td>
<td></td>
<td>Handy &amp; Harmon, Chicago</td>
<td>$9,900.00 f.o.b. delivered</td>
</tr>
<tr>
<td>50,000 acetazolamide tablets, 250 mg.</td>
<td></td>
<td>Humiston-Keeling Co., Chicago</td>
<td>$2,580.00 delivered</td>
</tr>
<tr>
<td>Photo copy machine, Haloid Xerox</td>
<td></td>
<td>Haloid Xerox, Inc., Rochester, N.Y.</td>
<td>$4,910.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One two-channel electrocardiograph with preamplifier and accessories</td>
<td>Pediatrics</td>
<td>Sanborn Co., Waltham, Mass.</td>
<td>$2,880.05 delivered</td>
</tr>
<tr>
<td>Repairs and improvements to one Beta-tron, including repair or replacement of wafer, modernization of circuitry, sealed electron beam tube, and the possible replacement of the poles</td>
<td>Radiology, College of Medicine</td>
<td>Allis-Chalmers</td>
<td>$17,848.00 f.o.b. delivered</td>
</tr>
<tr>
<td>For Snack Bar in Men's Residence Halls: 200 chairs</td>
<td></td>
<td>Betatron Division, Milwaukee, Wis.</td>
<td>$2,943.00 f.o.b. delivered</td>
</tr>
<tr>
<td>50 table tops</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 table bases</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One detachable container, 30 cubic yard capacity, for use with the huge haul refuse disposal equipment</td>
<td>Housing Division, Men's Residence Halls</td>
<td>Rochelle's, Inc., Chicago</td>
<td>$8,440.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>Carpeting and pads installed in fourteen guest rooms and fourth floor corridor of the Illini Union Building</td>
<td>Housing Division</td>
<td>Coleman &amp; Associates, Rockford</td>
<td>$2,943.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>Mimeograph paper as follows: 2,500 reams white, 8 5/16 x 11 — 5 lb. L.G., wrapped</td>
<td>Office Supply Stores</td>
<td>Robeson's, Inc., Champaign</td>
<td>$9,281.05 f.o.b. delivered</td>
</tr>
<tr>
<td>398 reams assorted colors, 22 x 34</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 4 sulphite bond</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 reams assorted colors, 14 x 38, No. 4 sulphite bond</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>410,000 envelopes, Brown Kraft clasp, catalogue and coin various sizes and weights</td>
<td>Office Supply Stores</td>
<td>J. W. Butler Paper Co., Chicago</td>
<td>$3,565.15 f.o.b. delivered</td>
</tr>
<tr>
<td>One Peterson model 16-C-60 continuous double head 16 mm. contact printer less trade-in of one Depue single head 16 mm. contact printer</td>
<td>Office Supply Stores</td>
<td>Bush Bros., Inc., Champaign</td>
<td>$4,492.83 f.o.b. delivered</td>
</tr>
<tr>
<td>5000 dwt. type C casting gold</td>
<td>Photo copy machine, Haloid Xerox</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50,000 acetazolamide tablets, 250 mg.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Photo copy machine, Haloid Xerox</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One two-channel electrocardiograph with preamplifier and accessories</td>
<td>Pediatrics</td>
<td>Sanborn Co., Waltham, Mass.</td>
<td>$2,880.05 delivered</td>
</tr>
<tr>
<td>Repairs and improvements to one Beta-tron, including repair or replacement of wafer, modernization of circuitry, sealed electron beam tube, and the possible replacement of the poles</td>
<td>Radiology, College of Medicine</td>
<td>Allis-Chalmers</td>
<td>$17,848.00 f.o.b. delivered</td>
</tr>
<tr>
<td>For Snack Bar in Men's Residence Halls: 200 chairs</td>
<td></td>
<td>Betatron Division, Milwaukee, Wis.</td>
<td>$2,943.00 f.o.b. delivered</td>
</tr>
<tr>
<td>50 table tops</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10 table bases</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One detachable container, 30 cubic yard capacity, for use with the huge haul refuse disposal equipment</td>
<td>Housing Division, Men's Residence Halls</td>
<td>Rochelle's, Inc., Chicago</td>
<td>$8,440.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>Carpeting and pads installed in fourteen guest rooms and fourth floor corridor of the Illini Union Building</td>
<td>Housing Division</td>
<td>Coleman &amp; Associates, Rockford</td>
<td>$2,943.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>Mimeograph paper as follows: 2,500 reams white, 8 5/16 x 11 — 5 lb. L.G., wrapped</td>
<td>Office Supply Stores</td>
<td>Robeson's, Inc., Champaign</td>
<td>$9,281.05 f.o.b. delivered</td>
</tr>
<tr>
<td>398 reams assorted colors, 22 x 34</td>
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<tr>
<td>No. 4 sulphite bond</td>
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</tr>
<tr>
<td>410,000 envelopes, Brown Kraft clasp, catalogue and coin various sizes and weights</td>
<td>Office Supply Stores</td>
<td>J. W. Butler Paper Co., Chicago</td>
<td>$3,565.15 f.o.b. delivered</td>
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<tr>
<td>One Peterson model 16-C-60 continuous double head 16 mm. contact printer less trade-in of one Depue single head 16 mm. contact printer</td>
<td>Office Supply Stores</td>
<td>Bush Bros., Inc., Champaign</td>
<td>$4,492.83 f.o.b. delivered</td>
</tr>
<tr>
<td>5000 dwt. type C casting gold</td>
<td>Photography</td>
<td>Motion Picture Printing Equipment Co., Skokie</td>
<td>$10,920.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------------------</td>
<td>-------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Miscellaneous Kodak photographic films and papers as required by various departments during the period July 1, 1959, through June 30, 1960</td>
<td>All Urbana departments</td>
<td>Watland, Incorporated, Chicago</td>
<td>$11 586.91</td>
</tr>
<tr>
<td>Toilet tissue and paper towel requirements for Urbana and Chicago departments for the period August 1, 1959, through June 30, 1960; estimated quantities: 3,520 cases paper towels; 1,525 cases toilet tissue</td>
<td>Physical Plant</td>
<td>Randolph Paper Co., Chicago</td>
<td>$25 584.92</td>
</tr>
<tr>
<td>Seven trainer airplanes, two-place, less trade-in of seven Aeronca airplanes</td>
<td>Institute of Aviation</td>
<td>Champion Aircraft Corp., Osceola, Wis.</td>
<td>$35 144.69</td>
</tr>
<tr>
<td>Nine sedans, four-door, one station wagon, four-door, one truck, platform-stake, dumping, 1 1/2 ton capacity</td>
<td>Physical Plant and Physics</td>
<td>University Ford Sales, Champaign</td>
<td>$5 169.76</td>
</tr>
<tr>
<td>Eight sedans, one station wagon, one pick-up truck, 1 1/2 ton capacity</td>
<td>Lawder Bros., Inc., Chicago (Ford)</td>
<td>Courtesy Motor Sales, Chicago (Ford)</td>
<td>$1 258.04</td>
</tr>
<tr>
<td>One sedan, one station wagon</td>
<td>International Harvester Co., Springfield</td>
<td>One truck, 1 1/2 ton</td>
<td>$263.00</td>
</tr>
</tbody>
</table>

On motion of Mr. Swain, these purchases were authorized.

REPORTS OF COMMITTEES
The Board proceeded to consider the following reports and recommendations from its standing committees.

INVESTMENT OF ASSEMBLY HALL INTEREST RESERVE ACCOUNT
Mr. Swain, for the Finance Committee, presented the following:

The Assembly Hall Revenue Bond Resolution, approved June 23, provides that funds in the Interest Reserve Account may be invested in United States Government securities maturing not more than three years from the date of purchase. Through oversight, authority to make these investments was not given to the Comptroller.

The proceeds from the sale of bonds were received on July 16 and the applicable portion was deposited in the Interest Reserve Fund. In order not to lose interest, the Comptroller invested these funds and confirmation of this action is requested. The Finance Committee also recommends that authority be granted to the Vice-President and Comptroller to purchase and sell United States Government securities with maturities not more than three years after the date of purchase, as investments of the Interest Reserve Account of the Assembly Hall Revenue Bond Fund, and that the Sears Bank and Trust Company, the depository of this fund, be authorized to accept orders of the Vice-President and Comptroller to purchase and sell such securities.

On motion of Mr. Swain, this recommendation was approved.

INVESTMENTS
Mr. Swain, for the Finance Committee, presented the following report of changes in investments of trust funds for the period from March 12 through June 30, 1959:

**URBANA-CHAMPAIGN**

<table>
<thead>
<tr>
<th>Endowment Funds — General</th>
<th>$ 105.96</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sale</td>
<td></td>
</tr>
<tr>
<td>2 shares</td>
<td>Standard Oil Company of New Jersey</td>
</tr>
<tr>
<td>Exchange</td>
<td></td>
</tr>
<tr>
<td>$10 000</td>
<td>U.S. Treasury Certificates 2 3/4 per cent</td>
</tr>
<tr>
<td>10 000</td>
<td>U.S. Treasury Notes 4 per cent</td>
</tr>
<tr>
<td>4 000</td>
<td>U.S. Treasury Certificates 1 1/4 per cent</td>
</tr>
<tr>
<td>4 000</td>
<td>U.S. Treasury Certificates 4 per cent</td>
</tr>
</tbody>
</table>
1959]

**UNIVERSITY OF ILLINOIS**

<table>
<thead>
<tr>
<th>Purchase</th>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Maturity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 19,000</td>
<td>U.S. Treasury Bonds</td>
<td>2 3/4% per cent</td>
<td>6/15/62-59</td>
<td>$18,133.13</td>
<td></td>
</tr>
<tr>
<td>17,000</td>
<td>U.S. Treasury Bonds</td>
<td>3% per cent</td>
<td>2/15/64</td>
<td>$16,245.63</td>
<td></td>
</tr>
<tr>
<td>13,000</td>
<td>U.S. Treasury Bonds</td>
<td>3% per cent</td>
<td>2/15/64</td>
<td>$12,264.89</td>
<td></td>
</tr>
<tr>
<td>1,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>4/15/60</td>
<td>$9,067.81</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td>U.S. Treasury Bonds</td>
<td>2 3/4% per cent</td>
<td>9/15/61</td>
<td>$4,876.93</td>
<td></td>
</tr>
<tr>
<td>1,000</td>
<td>U.S. Treasury Notes</td>
<td>1 3/4% per cent</td>
<td>4/1/62</td>
<td>$9,324.90</td>
<td></td>
</tr>
<tr>
<td>1,000</td>
<td>U.S. Treasury Notes</td>
<td>4% per cent</td>
<td>5/15/63</td>
<td>$9,966.75</td>
<td></td>
</tr>
<tr>
<td>1,000</td>
<td>U.S. Treasury Notes</td>
<td>1 3/4% per cent</td>
<td>4/1/64</td>
<td>$8,824.50</td>
<td></td>
</tr>
<tr>
<td>1,000</td>
<td>U.S. Treasury Bonds</td>
<td>2 3/8% per cent</td>
<td>2/15/65</td>
<td>$9,162.50</td>
<td></td>
</tr>
</tbody>
</table>

**Current Funds**

<table>
<thead>
<tr>
<th>Exchange</th>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Maturity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$504,000</td>
<td>U.S. Treasury Certificates</td>
<td>1 3/4% per cent</td>
<td>5/15/59</td>
<td>$3,756.40</td>
<td></td>
</tr>
<tr>
<td>504,000</td>
<td>U.S. Treasury Certificates</td>
<td>4% per cent</td>
<td>5/15/60</td>
<td>$3,756.40</td>
<td></td>
</tr>
</tbody>
</table>

**Loan Funds**

<table>
<thead>
<tr>
<th>Sale</th>
<th>Shares</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 shares</td>
<td>Safeway Stores, Inc., common stock</td>
<td>$3,756.40</td>
<td></td>
</tr>
</tbody>
</table>

**G. A. Miller Endowment**

<table>
<thead>
<tr>
<th>Sale</th>
<th>Shares</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>700 shares</td>
<td>Maryland Casualty Company common stock</td>
<td>$28,076.26</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Purchase</th>
<th>Shares</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 shares</td>
<td>Bethlehem Steel Corporation common stock</td>
<td>$26,408.70</td>
<td></td>
</tr>
</tbody>
</table>

**Chicago**

**Navy Pier Escrow**

<table>
<thead>
<tr>
<th>Exchange</th>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Maturity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$145,000</td>
<td>U.S. Treasury Notes</td>
<td>1 3/4% per cent</td>
<td>2/15/59</td>
<td>$112,752.81</td>
<td></td>
</tr>
<tr>
<td>145,000</td>
<td>U.S. Treasury Certificates</td>
<td>3 3/4% per cent</td>
<td>2/15/60</td>
<td>$112,446.30</td>
<td></td>
</tr>
</tbody>
</table>

**Report of the Comptroller**

The Comptroller reports the following changes in unexpended plant fund investments, over which he has authority as shown:

**Urbana-Champaign**

**Men's Residence Hall Revenue Bond Fund of 1956**

(Authorized by Board of Trustees resolutions dated March 23, 1956, minutes page 982, and September 18, 1956, minutes page 49)

<table>
<thead>
<tr>
<th>Purchase</th>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Maturity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$113,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>4/9/59</td>
<td>$112,752.81</td>
<td></td>
</tr>
<tr>
<td>113,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>5/7/59</td>
<td>$112,799.61</td>
<td></td>
</tr>
<tr>
<td>113,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>7/9/59</td>
<td>$112,446.30</td>
<td></td>
</tr>
</tbody>
</table>

**Women's Residence Hall Revenue Bond Fund of 1956**

(Authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)

<table>
<thead>
<tr>
<th>Sale</th>
<th>Amount</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 8,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>4/23/59</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Purchase</th>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Maturity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 61,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>4/23/59</td>
<td>$60,900.20</td>
<td></td>
</tr>
<tr>
<td>58,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>6/25/59</td>
<td>$57,710.73</td>
<td></td>
</tr>
<tr>
<td>42,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>7/23/59</td>
<td>$41,911.80</td>
<td></td>
</tr>
</tbody>
</table>

**Men's Residence Hall Revenue Bond Fund of 1957**

(Authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)

<table>
<thead>
<tr>
<th>Purchase</th>
<th>Amount</th>
<th>Description</th>
<th>Rate</th>
<th>Maturity</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>$115,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>4/23/59</td>
<td>$114,825.58</td>
<td></td>
</tr>
<tr>
<td>115,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>6/25/59</td>
<td>$114,426.44</td>
<td></td>
</tr>
<tr>
<td>91,000</td>
<td>U.S. Treasury Bills</td>
<td></td>
<td>9/3/59</td>
<td>$90,462.09</td>
<td></td>
</tr>
</tbody>
</table>

**Women's Residence Hall Revenue Bond Fund of 1957**

(Authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)
This report was received for record.

AUGUST, SEPTEMBER, AND OCTOBER BOARD MEETINGS

It was the consensus of the Board that no regular meeting be scheduled in August, and the President therefore ordered it be omitted.

On motion of Mrs. Watkins, the Board voted to hold its September meeting in Urbana, Illinois, on Wednesday, September 16, 1959, at an hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Swain, the Board voted to hold its October meeting in Peoria, Illinois, on Wednesday, October 21, 1959, at an hour and place to be determined by the President and Secretary of the Board.

EXECUTIVE SESSION

At this point, on motion of Mr. Pogue, an executive session was requested and ordered for consideration of the following items of business.

PURCHASE OF PROPERTY AT 805 WEST PENNSYLVANIA AVENUE, URBANA

(33) The Committee on Buildings and Grounds has approved the purchase of the property at 805 West Pennsylvania Avenue, Urbana, at a price of $85,000. The property consists of a lot 120 feet wide, 140 feet deep, and a three-story and basement masonry (stone and brick) building, which was built as a sorority house, later was occupied by a fraternity, and at one time was owned by the University. It is proposed to assign the building to the College of Education for its elementary education program. When a new building is constructed for the College, the building can be remodeled for student housing.

This property was purchased by the University at a price of $57,500 for use as a temporary research laboratory by the College of Veterinary Medicine since no state appropriation had been made at that time for a building for the new College.

The property was sold by the University to the Sigma Alpha Mu fraternity in 1951 for $80,000. The fraternity is negotiating for the acquisition of another house and has offered to sell its property to the University at the price indicated above, which is within the appraisals, ranging from $85,000 to $87,500, received by the University.

It was anticipated that funds for this property acquisition would be available in the state capital appropriations to the University for the year 1959-61. These appropriations have been made, but the funds are subject to release by the Governor who has announced that no releases of capital appropriations will be approved prior to January, 1960, and then only if the State's revenue situation is favorable.

Since state funds are not immediately available, the University of Illinois Foundation has been requested, and has agreed, to purchase the property and lease it to the University for a rental adequate to reimburse the Foundation for the costs involved (interest on the funds to be borrowed, plus expenses incidental thereto). When state funds are available, the University will purchase the property from the Foundation.

The Director of the Physical Plant, the Vice-President and Comptroller, and the Vice-President and Provost recommend approval of this interim plan for the acquisition of the property and assignment of funds as follows:
From the General Reserve, nonrecurring, for alterations in the building to make it suitable for use by the College of Education ($26,000) and for the first year's rent, or so much thereof as may be necessary ($4,000). .................................................... $30,000
Addition to operating budget of the Physical Plant Department for operation and maintenance of the building. ................................. $9,400
I concur.

On motion of Mr. Johnston, this recommendation was approved, and the requested assignments of funds were made by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

LEASE OF PROPERTY AT 807 SOUTH LINCOLN AVENUE, URBANA

(34) The Buildings and Grounds Committee of the Board of Trustees recommends that the building at 807 South Lincoln Avenue, Urbana, be leased by the University for use by the Department of Art. This building is now leased by the Jewel Tea Company which plans to vacate it in the near future.

The rental is $550 per month and the University would assume the cost of utilities, interior maintenance, janitor service, and any needed alterations for University use. Since the owner requests a five-year lease, the Board of Directors of the Foundation has agreed to enter into such a lease and sublease the property to the University for biennial periods.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the lease and sublease be authorized by the Board of Trustees, and that assignments of funds be made as follows:

From the General Reserve, nonrecurring, for remodeling. ...................... $9,500
Addition to the operating budget of the Physical Plant Department for the annual rental ($6,600) and operation and maintenance costs ($4,000). ................................................................. 10,600
I concur.

On motion of Mr. Johnston, this lease was authorized, and the requested assignments of funds were made by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

LEASE OF UNIVERSITY PROPERTY ADJOINING STUDENT SERVICES BUILDING SITE

(35) The University's long-range program of land acquisition contemplates purchase of the property at 710 South Sixth Street, Champaign, for future campus expansion. Funds are not currently available so that this purchase will be deferred for a number of years.

Mr. Joseph A. Buttitta, owner, had contemplated substantial improvements on his property (a two-story, stone front, and an adjoining one-story, brick front building in which he operates a shoe store and shoe repair shop), but in view of the University's plans to acquire the land he is willing to sell, lease, or enter into an agreement with the University which would enable him to make temporary improvements involving a minor investment with a planned date for University acquisition.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of negotiations and the execution of an agreement with the owner which would provide for the following:

1. Mr. Buttitta would retain possession of his present property at least until July, 1964.

2. If he finds an alternate location for his business prior to that date, the University will consider purchase of his property subject to negotiations as to price and availability of funds. (Any investment he makes for property improvements in the interim would probably be liquidated within the period.)
3. He will renovate his store front and do some remodeling in the rear of the property, but to complete this at a minimum cost it will be necessary to construct a minor addition which would cross a portion of University land, approximately 25 square feet, at the northwest corner of the lot at 610 East John Street, Champaign, which adjoins the rear of his property. He has requested that the University sell, lease, or give him an easement across this small area until the University acquires his property.

Since the University does not use this small area and Mr. Buttitta has agreed not to proceed with the substantial improvements he originally contemplated, it is recommended the University lease this 25 square feet to Mr. Buttitta for a period of five years from July 1, 1959, for one dollar and other good and valuable considerations.

I concur.

On motion of Mr. Johnston, this lease was authorized by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

ACQUISITION AND SALE OF PROPERTY IN LA SALLE COUNTY

(36) The University owns 640 acres of farm land in La Salle County acquired in 1955 as an outright gift from Miss Laura M. Weber of La Grange Park, Illinois, for the benefit of the College of Agriculture.

Two eighty-acre tracts of farm land in Hope Township, La Salle County, have been placed on the market for public auction on July 30. One is described as the "West Half of the Southwest Quarter of Section 10 in Township 31 North, Range 1 East of the 3rd P.M., Hope Township, La Salle County, Illinois, commonly known as the Isaac Hiltabrand farm"; the other is described as the "East Half of the Southwest Quarter of Section 10 in Township 31 North, Range 1 East of the 3rd P.M., Hope Township, La Salle County, Illinois, commonly known as the Maude G. Hiltabrand farm." These two tracts are adjacent to the main tract of four hundred acres of the Weber Farm in Richland Township. A part of the Weber Farm holdings of the University is an eighty-acre tract approximately six miles from the main tract. The Dean of the College of Agriculture and Director of the Agricultural Experiment Station recommends the University attempt to acquire either or both of the eighty-acre tracts in Hope Township and sell the outlying eighty-acre tract presently owned. Accordingly, the Vice-President and Comptroller recommends that:

1. The Board of Trustees authorize University representatives to submit bids on July 30, 1959, at the auction sale for either or both of the two eighty-acre tracts in Hope Township to be sold;

2. If the University is successful in acquiring this land at auction, the Comptroller be authorized to pay for it from funds in the Endowment Pool Account and to transfer sufficient amounts of government securities from endowment pool funds to current trust funds to provide sufficient cash in the endowment pool for this purchase; and that

3. If the land in Hope Township is acquired, the Comptroller and the Chairman of the Board of Trustees Committee on Agriculture be authorized to negotiate for the sale of the eighty acres presently owned by the University but separated from the main Weber Farm tract.

The terms of Miss Weber's deed of gift will permit this transaction as long as the net profits of any sale of the farm lands she gave the University are used by the University in such manner as will benefit its College of Agriculture or be helpful to its activities.

On motion of Mr. Hughes, the Board voted to approve the foregoing recommendations, provided purchase price of the property to be acquired is not in excess of 20 per cent of the appraised value.

On motion of Mr. Pogue, the Comptroller was authorized to take the necessary steps, subject to approval of the Chairman of the Board of Trustees Committee on Agriculture, to implement the acquisition and sale recommended.
These actions were taken by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(37) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Intermittent motion clutch — Associate Professor Roy B. Perkins, Head of the Department of Mechanical Engineering, Chicago Undergraduate Division, inventor. This device is for slowing and/or stopping and/or reversing the driven shaft during part of each of the revolutions of the driving shaft. It transmits motion in such a way that power may be transmitted only if the angular velocities of the driven and driving shafts are in the same direction.

The Committee requested an opinion on this invention from Professor N. A. Parker, Head of the Department of Mechanical Engineering at Urbana, and Dr. E. I. Radzimovsky, a member of the Machine Design Division of that Department. It is the opinion of these individuals that the machine may have some merit for transferring motion but only when negligible power is applied. They also state that the novelty of the design may be doubtful. For these reasons the Committee is of the opinion that the commercial value of the invention is doubtful and recommends that the invention be released to the inventor.

2. Amidcs of phthalic acid possessing parasympathomimetic properties — L. G. Abbot, Associate Professor of Psychiatry, Chicago Professional Colleges, inventor. These substances are similar in their pharmacological action to nicotine and acetylcholine, although considerably less potent. They were developed because it was desirable to make compounds which will mimic the action of acetylcholine and act specifically on the central nervous system.

It is the opinion of Dr. Francis J. Gerty, Professor and Head of the Department of Psychiatry, that this idea has very doubtful commercial value. It appears that large sums of money and considerable research effort would be required to develop this invention to the point where it would be useful. Accordingly, the Committee recommends that this invention be released to the inventor.

3. Inhibition of tiller development in corn by potassium gibberellate — Harvey Allen Lund (deceased), Assistant Professor of Agronomy, Ernest Benton Earley, Professor of Agronomy, and Joe Howard Cherry, Assistant in Agronomy, inventors. This idea relates to the application of potassium gibberellate to seedlings of hybrid seed corn. Tiller ( sucker) formation was significantly inhibited by this spray. A study of the results of the investigation also disclosed that the amount of grain obtained was diminished from each corn plant by the application of this chemical.

This research, carried on by members of the staff of the Department of Agronomy, was financed in part by the Commercial Solvents Corporation. The contract providing for this support states that the sponsoring agency upon payment of all costs of obtaining a patent shall be granted a royalty-free non-exclusive license while the University may charge other licensees an amount that is fair to the public, University, and sponsor. The Commercial Solvents Corporation has indicated an interest in obtaining a patent under these conditions. Accordingly, the Committee recommends that this corporation be authorized to apply for such a patent if that is its decision and that otherwise the invention be released to the inventors since it is the opinion of the Committee that it has doubtful commercial value.

4. Log periodic dipole arrays — D. E. Isbell, Staff Member, Antenna Research Laboratory, inventor. These antennas provide unidirectional radiation patterns of constant input impedances over any desired bandwidth. The antenna configuration is simple, permitting practical methods of fabrication, and the design should prove useful in many applications. It makes possible the construction of "all wave" rotatable beams of very low cross section for use in the HF to UHF spectrum.

The Committee concurred in the opinion of the Head of the Department of Electrical Engineering that this invention holds a likelihood of commercial possibility. Therefore, it recommends that the invention be released to the University...
of Illinois Foundation for study and application for a patent if such application seems justifiable, with recognition of the contractual obligations of the University to the United States Air Force. However, this transfer is to be with the condition that if the Foundation finds that it has no interest in obtaining such a patent that the invention be released to the inventor by the Foundation with full recognition of the contractual obligations of the University to the Air Force or if the inventor does not wish the invention, all rights of the University and the Foundation be transferred to the Air Force.

I concur in these recommendations.

On motion of Mr. Clement, these recommendations were approved.

STATE LEGISLATION AFFECTING THE UNIVERSITY OF ILLINOIS

The Secretary presented for the information of the Board a list of the Acts of the Seventy-first General Assembly of Illinois in its regular session of 1959 directly affecting the University, including the appropriations to the University, and a copy of this list has been filed with his records.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ABDULLAH, MOHAMMAD, Research Assistant in Entomology, one month from June 1, 1959, $400 (6-10-59).

ABRAHAM, CLAUDE K., Instructor in French, academic year beginning September 1, 1959, $3400 (6-15-59).

ADAMS, JACK A., Associate Professor of Psychology, two months from June 16, 1959, $933.33 a month; this is in addition to his present appointment (7-2-59).

ADAMS, MARY J. N., Research Assistant in Bacteriology, two months from June 16, 1959, $420 a month (7-2-59).

AGGARWAL, ARJUN P., Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, $888.88 (7-2-59).

AKIN, CAVIT, Assistant in Food Technology (S), three months from June 1, 1959, $366.66 a month, supersedes (6-25-59).

APOSTAL, ROBERT A., Research Associate in Education, June 22-August 31, 1959, $1500 (7-2-59).

BAKER, ROBERT S., Research Assistant Professor of Zoology, two months from June 16, 1959, $712 a month; this is in addition to his present appointment (7-2-59).

BALLUFFI, ROBERT W., Associate Professor of Physical Metallurgy (Physics) (C), two months from June 16, 1959, $922.22 a month; this is in addition to his present appointment (6-18-59).

BARTHEL, HAROLD O., Research Assistant Professor of Aeronautical Engineering (C), two months from June 16, 1959, $1888.88; this is in addition to his present appointment (6-24-59).

BEAN, CALVERT, JR., Instructor in Music, ½ time, academic year beginning September 1, 1959, $734 for the period, supersedes (6-24-59).

BELFORD, R. LINN, Assistant Professor of Physical Chemistry (Aeronautical Engineering) (C), two months from June 16, 1959, $1377.78; this is in addition to his present appointment (6-24-59).

BERNAUER, EDMUND M., Instructor in Physical Education for Men (College of Physical Education and Summer Session of 1959), June 15-August 9, 1959, ½ time, $734 for the period, supersedes (6-24-59).

BLACKMAR, ROY H., Jr., Research Associate in the State Water Survey, two months from July 1, 1959, $675 a month (6-10-59).

BLYTH, COLIN R., Associate Professor of Mathematics, ½ time, two months from June 16, 1959, $888.88; and in the Summer Session of 1959, ½ time, June 15-August 8, 1959, $889, supersedes previous Summer Session appointment (6-25-59).
Bogart, Herbert, Assistant in English, nine months from September 16, 1959, $3000 (6-15-59).

Bores, Arthur P., Associate Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1959, $1780; this is in addition to his present appointment (6-18-59).

Brown, Theodore L., Research Assistant Professor of Inorganic Chemistry, two months from June 16, 1959, $1378; this is in addition to his present appointment (6-25-59).

Bruckner, Walter H., Professor of Metallurgical Engineering (C), two months from June 16, 1959, $1944.44; this is in addition to his present appointment (6-18-59).

Bullock, James W., Research Associate in the State Water Survey, one year from July 1, 1959, $7500 (6-10-59).

Burkholder, Donald L., Research Assistant Professor of Mathematics, two months from June 16, 1959, $1555.54; this is in addition to his present appointment (6-25-59).

Cattell, Raymond B., Research Professor of Psychology, June 16-July 31 and September 1-15, 1959, $2666.66; this is in addition to his present appointment (6-15-59).

Chang, Lena, Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, $500 for the period (6-29-59).

Chao, Bei Tse, Professor of Mechanical Engineering (C), two months from June 16, 1959, $2222; for the convenience of the University, he will also be provided living expenses of $400 for the period; this is in addition to his present appointment (6-18-59).

Cheng, Hwei-Hsien, Assistant in Agronomy (S), two months from July 1, 1959, $600 (6-24-59).

Clark, John M., Jr., Research Associate in Biochemistry, two months from June 16, 1959, $1207; this is in addition to his present appointment (6-25-59).

Cox, Marie, Visiting Research Associate Professor of Animal Science, academic year beginning September 1, 1959, $7500 (6-10-59).

Crisli, John O., Research Associate Professor of Zoology, two months from June 16, 1959, $856 a month; this is in addition to his present appointment (7-2-59).

Corten, Herbert T., Professor of Theoretical and Applied Mechanics (C), June 16-July 31, 1959, and September 1-15, 1959, $1034 a month; this is in addition to his present appointment (6-29-59).

Craig, George L., Research Assistant in the Small Homes Council, two months from June 16, 1959, $850 (6-10-59).

Crane, Everett B., Visiting Lecturer in Music, Summer Session of 1959, June 14-July 18, 1959, $500 for the period; for the convenience of the University, he will also be furnished board and room during the period (6-24-59).

Crotthers, Milton H., Associate Professor of Electrical Engineering (C), ½ time, two months from June 16, 1959, $444.49 a month; this is in addition to his present appointment (6-18-59).

Daniels, Ralph, Associate Professor of Chemistry (Pharmacy), two months from July 1, 1959, $500 a month; this is in addition to his present appointment (6-15-59).

Demarr, Ralph A., Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, $500 for the period (6-29-59).

DeMoss, Ralph D., Associate Professor of Bacteriology, two months from June 16, 1959, $568.89 a month; this is in addition to his present appointment (7-2-59).

Deschamps, Georges A., Professor of Electrical Engineering (C), one month from June 16, 1959, $1333.33; this is in addition to his present appointment (6-18-59).

Dieter, Otto A., Associate Professor of Speech, Summer Session of 1959, June 15-August 8, 1959, ½ time, $784 for the period; this is in addition to his present appointment (7-2-59).

Dobrogolny, Jerry S., Associate Professor of General Engineering (Civil Engineering) (S), one month from July 16, 1959, $833.33; this is in addition to his present appointment (7-2-59).

Dolan, Thomas J., Professor of Theoretical and Applied Mechanics and Head of the Department (C), ½ time, two months from June 16, 1959, $889 a month; this is in addition to his present appointment (6-29-59).
Dowden, Keith, Visiting Lecturer in Library Science, Summer Session of 1959, June 15-August 8, 1959, $1600 for the period (6-29-59).

Drago, Russell S., Assistant Professor of Chemistry, Summer Session of 1959, June 15-August 8, 1959, $1378 for the period (6-30-59).

Duncan, Esther, Counselor in Music, Summer Session of 1959, June 12-July 18, 1959, $500 for the period; for the convenience of the University, she will also be furnished board and room during the period (6-24-59).

Durkin, Mary D., Visiting Lecturer in Education, Summer Session of 1959, June 15-August 8, 1959, $1400 for the period, supersedes (6-29-59).

Edsall, James V., Planning Coordinator, with rank of Assistant Professor, in the Physical Plant Department, four months from May 1, 1959, $747.50 a month, supersedes (6-25-59).

Elsesser, Thaddeus M., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1959, June 15-August 8, 1959, $1/3 time, $964 for the period, supersedes (6-20-59).

Eriksen, Charles W., Associate Professor of Psychology, June 16-August 31, 1959, $2333.33; this is in addition to his present appointment (6-15-59).

Ernst, Edward W., Associate Professor of Electrical Engineering (C), two months from June 16, 1959, $1,000 a month; this is in addition to his present appointment (6-18-59).

Ferguson, Mrs. Jane, Research Assistant in the Institute for Research on Exceptional Children, two months from July 1, 1959, $1,000 for the period (7-2-59).

Fiedler, Fred E., Associate Professor of Psychology, July 15-August 18, 1959, $500 a month; this is in addition to his present appointment (7-8-59).

Foote, Beverly V. D., Assistant in Agronomy (S), two months from June 16, 1959, $400 a month (6-24-59).

Frank, Evelyn, Professor of Mathematics (Chicago Undergraduate Division), June 10-August 14, 1959, $1586, supersedes (6-29-59).

Fujiwara, Miyuki, Research Assistant in the State Water Survey, one year from July 1, 1959, $5200 (6-10-59).
months from June 16, 1959, $1667; this is in addition to his present appointment (6-22-59).

HECHLER, HELEN C., Assistant in Plant Pathology (S), July 1-August 31, 1960, $4400 a year (6-20-59).

HELLER, ALEX, Associate Professor of Mathematics, two months from June 16, 1959, $834 a month; this is in addition to his present appointment (7-2-59).

HODGINS, FRANCIS E., Jr., Instructor in English, Summer Session of 1959, June 15-August 8, 1959, $1200 for the period, supersedes (7-8-59).

HORN, FRANZ E., Associate Professor of Mathematics (University High School), two months from June 16, 1959, $911.11 a month; this is in addition to his present appointment (7-2-59).

HOWARTH, EDGAR, Research Associate in Psychology, one year from September 1, 1959, $5600 (7-7-59).

HUMPHREYS, DEVERE, Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1959, $2000 (6-8-59).

HUMPHREYS, LLOYD G., Professor of Psychology, two months from June 16, 1959, $2444.44; this is in addition to his present appointment (6-15-59).

JAMES, ROBERT W., Associate Professor of Sociology, one month from June 16, 1959, $844.44; this is in addition to his present appointment (7-2-59).

JENSEN, RUSSELL S., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1959, June 15-August 8, 1959, ½ time, $849 for the period, supersedes (6-20-59).

JOHNSON, HUNTER, Visiting Composer in Music, academic year beginning September 1, 1959, $6525 (6-8-59).

JOHNSON, ROBERT E., Director of University Honors Programs (Provost's Office), two months from June 16, 1959, $3222; this is in addition to his present appointment (6-15-59).

JONES, PAUL G., Professor of Theoretical and Applied Mechanics, Summer Session of 1959, June 15-August 8, 1959, $2267 for the period, supersedes (6-20-59).

KABALIN, MRS. BOJANA G., Research Assistant in the Institution for Tuberculosis Research (Chicago Professional Colleges), three months from June 1, 1959, $6000 a year (6-15-59).

KAPPAN, WILLIAM E., Professor of Psychology, June 16-July 31, 1959, $1050; this is in addition to his present appointment (6-20-59).

KLEINER, GEORGE, Associate Professor of Economics, Summer Session of 1959, June 15-August 8, 1959, $1889 for the period (7-1-59).

KLOCK, PAUL W., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, $5600 (6-8-59).

KNOX, CARL W., Dean of Men, two years from September 1, 1959, $12,750 a year (6-23-59).

KOCH, CHARLES, Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, $800 for the period (6-20-59).

KREUTZER, FRANCIS J., Research Associate Professor of Zoology, two months from June 16, 1959, $1667; this is in addition to his present appointment (6-15-59).

KUPPERMANN, ARON, Research Assistant Professor of Chemistry, two months from June 16, 1959, $667 a month; this is in addition to his present appointment (7-2-59).

KURLAND, AARON, Instructor in Zoology, Summer Session of 1959, June 15-August 8, 1959, $1200 for the period (6-20-59).

KARPLUS, LEONARD D., Instructor in Chemistry, academic year beginning September 1, 1959, $6000 (6-15-59).

KRUIJST, HENDRIK J., Counselor in Music, Summer Session of 1959, June 14-July 18, 1959, $650 for the period; for the convenience of the University, he will also be furnished board and room during the period (6-24-59).

LEHMANN, FREDERICK K., Research Associate in Anthropology, academic year beginning September 1, 1959, $5600 (6-22-59).

LENNOX, EDMUNDS, Research Assistant Professor of Biochemistry, two months from June 16, 1959, $2223; this is in addition to his present appointment (6-22-59).

MARCHERTAS, ALGIRDAS H., Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1959, $2600 (6-22-59).

MARTIN, CLIFFORD K., Assistant in Agronomy (S), June 15-August 31, 1959, $383.33 a month, supersedes (6-24-59).

MARTIN, DEAN F., Instructor in Inorganic Chemistry, academic year beginning September 1, 1959, $6000 (6-15-59).

MASUMI, TAIZO, Research Associate in Physics (C), ½ time, eleven months from October 1, 1959, $3250 a year (6-10-59).

McLEMORE, B. H., Research Assistant in Mathematics, two months from June 16, 1959, $800 (6-25-59).

METZGER, MARVIN, Associate Professor of Physical Metallurgy (Mining and Metallurgical Engineering) (C), two months from June 16, 1959, $1777.76; this is in addition to his present appointment (6-18-59).

MILES, JOHN C., Professor of Mechanical Engineering (C), two months from June 16, 1959, $1933; this is in addition to his present appointment (6-24-59).

MIZUKAMI, HIROSHI, Research Assistant in Botany, two months from June 16, 1959, $400 a month (7-2-59).

MOENCH, LAUREL, Assistant in Education (University High School), two months from June 16, 1959, $400 a month (7-2-59).

MOLL, ALBERT J., Research Assistant in Chemical Engineering Research (S), three months from June 1, 1959, $1275 (6-20-59).

MUeller, Eugene A., Research Associate in the State Water Survey, one year from July 1, 1959, $9300 (6-10-59).

NaNney, DAVID L., Research Professor of Zoology, two months from July 1, 1959, $1200 a month (7-8-59).

NeIswanger, william A., Research Professor of Economics, two months from June 16, 1959, $2000 a month for the period; this is in addition to his present appointment (6-18-59).

Nowicki, Norbert J., Instructor in Ophthalmology (Medicine), 85/100 time, one year from July 1, 1959, $5400 (7-8-59).

Oppenheim, Joseph, Research Assistant in Mathematics, July 1-September 15, 1959, $400 a month, supersedes (7-2-59).

PAYNE, Jobe L., Assistant in Health and Safety Education (College of Physical Education), nine months from September 16, 1959, $4900 (6-11-59).

Peasley, Melvin L., Assistant in Agronomy (S), June 19-August 31, 1959, $400 a month (7-2-59).

PETERSON, Ruth, Counselor in Music, Summer Session of 1959, June 15-July 18, 1959, $400 for the period; for the convenience of the University, she will also be furnished board and room during the period (6-24-59).

PfLEuger, Clarence E., Instructor in Analytical Chemistry, academic year beginning September 1, 1959, $6000 (6-15-59).

PiPER, Thomas S., Research Associate in Inorganic Chemistry, two months from June 16, 1959, $1356; this is in addition to his present appointment (6-25-59).

Pottle, CHRISTOPHER, Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1959, $2400 (6-8-59).

Powell, John T., Instructor in Physical Education for Men, 3/4 time, academic year beginning September 1, 1959, $4500 (6-10-59).

Riggin, Glen, Visiting Lecturer in Music, Summer Session of 1958-59, one month from June 18, 1959, $350 for the period; for the convenience of the University, he will also receive board and room during this period (6-11-59).

RobErt, Leslie, Research Associate in Biological Chemistry (Medicine), July 1, 1959-August 31, 1960, $6800 a year (6-15-59).

Rodgers, Felix C., Research Assistant in the Bureau of Community Planning, one month from June 16, 1959, $400 (6-15-59).

Roose, s. Meryl, Research Professor of Zoology, two months from June 16, 1959, $2156; this is in addition to his present appointment (6-15-59).

Rostas, Mrs. Joëlle, Research Assistant in Aeronautical Engineering (C), two months from June 16, 1959, $844.44 (6-24-59).

Rupprecht, Evelyn, Research Assistant in the Institute for Research on Exceptional Children, two months from July 1, 1959, $1000 for the period (7-2-59).

Rutter, William J., Research Assistant Professor of Biochemistry, June 16-July 31, 1959, $1500; this is in addition to his present appointment (6-25-59).
Sagers, Richard D., Research Associate in Chemistry, three months from June 16, 1959, $666.67 a month (7-2-59).

Sarigolu, M. K., Visiting Assistant Professor of Electrical Engineering, Summer Session of 1959, June 15-August 8, 1959, $1245 for the period, supersedes (6-24-59).

Schaffner, Joseph C., Research Assistant in Entomology, two months from July 1, 1959, $800 (6-10-59).

Scheier, Ivan H., Research Associate in Psychology, one month from August 1, 1959, $550 (7-2-59).

Schwalbe, Pauline S., Assistant Professor of German, 64/100 time, two months from June 16, 1959, $800; this is in addition to her present appointment (6-20-59).

Selander, Richard B., Assistant Professor of Entomology, June 16-August 31, 1959, $1666.67; this is in addition to his present appointment (6-25-59).

Shaner, Roger W., Research Associate in Physics (C), two months from June 16, 1959, $566.67 a month; and for one year from September 1, 1959, $6800 (6-22-59).

Silas, David E., Instructor in German, academic year beginning September 1, 1959, $5500 (6-15-59).

Singh, Rajinder, Research Assistant in Mathematics, August 16-August 31, 1959, $200 (7-8-59).

Smith, Robert B., Instructor in Music, ½ time, and in Home Economics, ½ time, academic year beginning September 1, 1959, $6000 (6-18-59).

Stegerda, Frederic R., Professor of Physiology, ½ time, two months from June 16, 1959, $586 a month; this is in addition to his present appointment (6-29-59).

Steidinger, Duane S., Assistant in Mathematics, Summer Session of 1959, June 15-August 8, 1959, $800 for the period (6-29-59).

Torchia, Peter, Research Assistant in the Institute for Research on Exceptional Children, two months from July 1, 1959, $1000 for the period (7-2-59).

Triandis, Leigh M., Assistant Professor of Education, Summer Session of 1959, June 15-August 8, 1959, ½ time, $734 for the period (6-29-59).

Troy, Alan, Research Assistant in Mathematics, July 1-September 15, 1959, $400 a month, supersedes (7-2-59).

Troy, James J., Assistant in Physical Education for Men, ½ time, nine months from September 16, 1959, $1300; this is in addition to his appointment with the Athletic Association (6-11-59).

Tymczyn, Raymond C., Research Assistant in Bacteriology, two months from June 16, 1959, $800 (6-22-59).

Vangor, Donald W., Pharmacy Resident in Hospital Pharmacy (Pharmacy), ¾ time, three months from June 1, 1959, $205 a month; for the convenience of the University, he will also be furnished room, board, and laundry of uniforms while on duty, supersedes (6-24-59).
WALKER, MARLENE SMITH, Assistant in English for Foreign Students, nine months from September 16, 1959, $3800 (6-15-59).

WATKINS, PHILLIP W., Assistant in Agronomy (S), three months from June 1, 1959, $1200, supersedes (6-29-59).

WEEKS, WALTER L., Associate Professor of Electrical Engineering (C), two months from June 16, 1959, $944.44 a month; this is in addition to his present appointment (6-18-59).

WEST, GEORGE, Research Assistant in Zoology, one month from June 1, 1959, $166.67 (6-15-59).

WESTON, MRS. PATRICIA G., Research Assistant in Chemistry, three months from June 1, 1959, $400 a month (7-3-59).

WIJSMAN, ROBERT A., Assistant Professor of Mathematics, two months from June 16, 1959, $811.11 a month, supersedes (7-2-59).

WILK, KENNETH E., Research Assistant in the State Water Survey, one year from July 1, 1959, $7200 (6-10-59).

WILSON, PAUL E., Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1959, $2700 (6-11-59).

WORTH, WALTER H., Instructor in Education, Summer Session of 1959, June 15-August 31, 1959, $2500 a year (6-29-59).

YANCEY, THOMAS A., Assistant Professor of Economics, two months from June 16, 1959, $1777.78; this is in addition to his present appointment (6-18-59).

YONEYAMA, TOSHINAO, Research Assistant in Anthropology, six months from August 1, 1959, $2400 (6-22-59).

ZIEGLER, MARY S., Editor, with rank of Assistant Professor, in the Small Homes Council, June 22, 1959-August 31, 1961, $7350 a year (7-2-59).

FELLOWS

(The following appointment was made by the President of the University.)

PERRY, JOHN, Kate Neal Kinley Memorial Fellow for 1959-60.

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

ADAMS, RUSSELL S., JR., National Science Foundation Cooperative Fellow in Agronomy, one year from September 1, 1959, $2200 (6-10-59).

ALFRED, WILLIAM W., Fellow in Communications, two months from June 16, 1959, $275 (4-24-59).


BEDESM, WILLIAM B., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 1, 1959, $1650 (6-10-59).

BERTON, JOHN A., Fellow in Mathematics, two months from June 16, 1959, $275 (4-24-59).

BLANKENSHIP, FLOYD A., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1959, $2200 (6-10-59).

BLANKENSHIP, VORKIS J., National Science Foundation Cooperative Fellow in Economics, nine months from September 1, 1959, $1650 (6-10-59).

BLATT, SIDNEY J., United States Public Health Service Postdoctoral Fellow
(Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, $500 a month, supersedes (7-2-59).


Brake, Jon M., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, $400 (6-19-59); National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1959, $1650 (6-10-59).

Burns, Richard O., Upjohn Company Fellow in Microbiology, one year from June 16, 1959, $2000 (7-8-59).

Butterworth, Mrs. Clara M., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, $250 a month, supersedes (7-2-59).


Carlin, Richard L., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1959, $2200 (6-10-59).

Carloye, Jack C., Fellow in Philosophy, two months from June 16, 1959, $275 (4-24-59).

Cawley, Robert G., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1959, $1650 (6-10-59).

Chiu, John S. Y., Fellow in Economics, two months from June 16, 1959, $275 (4-24-59).

Chong, Elaine, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), three months from July 1, 1959, $250 a month (7-2-59).

Clogan, Paul M., Fellow in English, two months from June 16, 1959, $275 (4-24-59).

Cook, Glenn M., Drug and Chemical Industries Fellow in Chemistry, nine months from September 16, 1959, $1600 (6-8-59).

Corley, William G., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 1, 1959, $1650 (6-10-59).

Costley, Charles G., Fellow in Mathematics, two months from June 16, 1959, $275 (4-24-59).

Craig, Roy R., Jr., National Science Foundation Cooperative Fellow in Theoretical and Applied Mechanics, one year from September 1, 1959, $2200 (6-10-59).

Crandell, Norman A., Fellow in Law, June 15-August 8, 1959, $300 (6-20-59).


Daron, Harlow H., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, $445 (6-10-59).


Dorenkamp, John H., Fellow in English, two months from June 16, 1959, $275 (4-24-59).


Fernelius, Nils C., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, $2200 (6-10-59).

Fitchen, Douglas B., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1959, $2200 (6-10-59).

FRAEMBS, FRANK A., Fellow in Entomology, two months from June 16, 1959, $275 (4-24-59).
FRANDSEN, HENRY, JR., Fellow in Mathematics, two months from June 16, 1959, $275 (4-24-59).
FRUCHTMAN, STANLEY A., United States Public Health Service Fellow (Trainee) in Allergy (Chicago Professional Colleges), one year from September 1, 1959, $4500 (6-17-59).
GAITHER, ROBERT B., Ford Foundation Teaching Fellow in Mechanical Engineering, nine months from September 16, 1959, $2000 (6-16-59).
GANNNS, JOSEPH L., JR., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, $500 (6-26-59).
GARRON, DAVID C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, $250 a month, supersedes (7-2-59).
GARTH, JOHN C., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, $2200 (6-10-59).
GEIGER, DAVID S., Fellow in Mathematics, two months from June 16, 1959, $275 (4-24-59).
GENTRY, DAVID K., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, $500 (6-26-59).
GOODIN, GEORGE V., Fellow in English, two months from June 16, 1959, $275 (4-24-59).
GRADY, LEE T., National Science Foundation Cooperative Fellow in Pharmaceutical Chemistry (Chicago Professional Colleges), one year from September 16, 1959, $2200 (6-10-59).
GRATCH, GERALD, United States Public Health Service Postdoctoral Fellow (Trainee) in Psychology (Chicago Professional Colleges), two months from July 1, 1959, $300 a month, supersedes (7-2-59).
GRIFFIN, CLYDE L., JR., Fellow in English, two months from June 16, 1959, $275 (4-24-59).
GRIESEN, LOREN V., Fellow in Education, two months from June 16, 1959, $275 (4-24-59).
GROTE, CHARLES N., Fellow in Education, two months from June 16, 1959, $275 (4-24-59).
GUBISCH, NANCY, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 1-September 15, 1959, $600 (6-29-59).
GUFFEY, MRS. MARY E., Fellow in Business Education, two months from June 16, 1959, $275 (4-24-59).
GUIRE, PATRICK E., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, $400 (6-24-59).
GWYNN, DONALD E., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1959, $1650 (6-10-59).
HALL, WARREN C., JR., Fellow in Economics, two months from June 16, 1959, $275 (4-24-59).
HANNEY, BURTON, Tobacco Industry Research Committee Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (6-24-59).
HARDIN, ROBERT J., Fellow in French, two months from June 16, 1959, $275 (4-24-59).

HARTE, JEROME L., National Science Foundation Cooperative Fellow in Physics, one year from August 16, 1959, $2200 (6-10-59).

HAWLEY, JOHN W., National Science Foundation Cooperative Fellow in Geology, one year from September 1, 1959, $2200 (6-10-59).

HEID, KERMIT K. W., National Science Foundation Cooperative Fellow in Electrical Engineering, nine months from September 16, 1959, $1650 (6-10-59).


HEIGOLD, WILLIAM G., Fellow in French, two months from June 16, 1959, $275 (4-24-59).


HIRSCH, JAY G., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, $300 a month (7-2-59).

HUBEY, JAMES E., Fellow in Chemistry, two months from June 16, 1959, $275 (4-24-59); National Science Foundation Cooperative Fellow in Chemistry, one year from August 16, 1959, $2200 (6-10-59).


HURST, ROBERT P., Esso Postdoctoral Fellow in Chemistry, one year from September 1, 1959, $5500 (6-25-59).

HUTSON, RICHARD E., Fellow in English, two months from June 16, 1959, $275 (4-24-59).

JEFFERSON, LOUISE M., Fellow in French, two months from June 16, 1959, $275 (4-24-59).

JOESEN, MELVIN D., Fellow in Chemistry, two months from June 16, 1959, $275 (4-24-59).

JOHNS, GORDON M., Fellow in Accountancy, two months from June 16, 1959, $275 (4-24-59).

JOHNSON, CARL R., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1959, $2200 (6-10-59).

JOHNSON, DALE R., Fellow in Architecture, two months from June 16, 1959, $275 (4-24-59).


JOHNS, ALICE J., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, $500 (6-26-59).


JULIAN, JAMES W., National Science Foundation Cooperative Fellow in Psychology, one year from September 1, 1959, $2200 (6-10-59).

KANE, ROBERT B., Fellow in Education, two months from June 16, 1959, $275 (4-24-59).


KING, PETER J., Fellow in History, two months from June 16, 1959, $275 (4-24-59).

KLANDERMAN, BRUCE H., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1959, $1650 (6-10-59).

KOKALIS, G, Fellow in Chemistry, two months from June 16, 1959, $275 (4-24-59).


LEHANN, WILMA H., Fellow in Zoology, two months from June 16, 1959, $275 (4-24-59).

LECH, HAROLD H., Fellow in Education, two months from June 16, 1959, $275 (4-24-59).

LEY, LAWRENCE S., National Science Foundation Cooperative Fellow in Mathematics, one year from September 16, 1959, $2200 (6-10-59).

LINDBLAD, WILLIAM E., Fellow in English, two months from June 16, 1959, $275 (4-24-59).


LONG, CLIFFORD A., National Science Foundation Summer Fellow, June 16-August 25, 1959, $750, supersedes (6-20-59).

LOUGHNAN, FREDERICK, Postdoctoral Fellow in Geology, nine months from September 16, 1959, $3000, supersedes (6-15-59).


MATHES, WESLEY N., Jr., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, $2200 (6-10-59).

MCQUEEN, WILLIAM A., Fellow in English, two months from June 16, 1959, $275 (4-24-59).

MCQUEEN, WILLIAM A., Fellow in English, two months from June 16, 1959, $275 (4-24-59).

MICHELS, LEO C., National Science Foundation Cooperative Fellow in Metallurgy, nine months from September 16, 1959, $1650 (6-10-59).

MILLER, AUDREY E., National Science Foundation Cooperative Fellow in Chemistry, one year from September 16, 1959, $2200 (6-10-59).

MINARD, RUSSELL L., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, $500 (6-26-59).


MYERS, NORMAN J., Fellow in Speech, two months from June 16, 1959, $275 (4-24-59).

NARUKE, MASAO, Postdoctoral Fellow in Civil Engineering, nine months from September 16, 1959, $3000, supersedes (6-15-59).

NORDELL, WILLIAM J., National Science Foundation Cooperative Fellow in Civil Engineering, nine months from September 16, 1959, $1650 (6-10-59).

OPEWAL, DONALD, Fellow in Education, two months from June 16, 1959, $275 (4-24-59).

PAISLEY, NANCY, Research Corporation Fellow in Chemistry, two months from June 16, 1959, $334 (6-10-59).


PROCTOR, FRANKLIN M., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1959, $1650 (6-10-59).
REINKE, JOHN A., Fellow in Business, two months from June 16, 1959, $275 (4-24-59).
REINHART, HELEN K., Fellow in History, two months from June 16, 1959, $275 (4-24-59).
RIGGS, ELLIOTT A., Fellow in Geology, two months from June 16, 1959, $275 (4-24-59).
RIGGS, ROBERT M., Fellow in French, two months from June 16, 1959, $275 (4-24-59).
RILEY, WILLIAM H., Jr., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, $400 (6-24-59).
RIVA, RAYMOND T., Fellow in French, two months from June 16, 1959, $275 (4-24-59).
ROBERTS, JOHN R., Fellow in English, two months from June 16, 1959, $275 (4-24-59).
ROBINSON, GEORGE A., Jr., Fellow in Education, two months from June 16, 1959, $275 (4-24-59).
ROSSINCK, ESTHER P., Fellow in Education, two months from June 16, 1959, $275 (4-24-59).
SINGH, RAJINDER, Fellow in Mathematics, two months from June 16, 1959, $275 (4-24-59).
STAFFORD, ROGER A., National Science Foundation Cooperative Fellow in Mathematics, one year from September 16, 1959, $2200 (6-10-59).
STEIN, NELSON, National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1959, $2200 (6-10-59).
STENMETZ, DONALD K., United States Department of Health, Education, and Welfare Fellow (Trainee), two months from June 16, 1959, $300 (6-26-59).
STEMKE, GERALD W., Charles Pfizer Fellow in Chemistry, two months from June 16, 1959, $400 (6-29-59).
SYED, ANNA K., Fellow in Education, two months from June 16, 1959, $275 (4-24-59).
TANAKA, SHIGERU, Postdoctoral Fellow in Civil Engineering, two months from June 16, 1959, $300 a month (6-6-59).
THOMAS, MITCHELL, Jr., Fellow in Physics, two months from June 16, 1959, $275 (4-24-59).
TURNER, FRED A., National Science Foundation Fellow in Pharmaceutical Chemistry (Chicago Professional Colleges), one year from October 1, 1959, $2200 (6-10-59).

Verdeyen, Joseph T., Bendix Aviation Corporation Teaching Fellow in Electrical Engineering, nine months from September 16, 1959, $3000 (6-19-59).

Wagers, Fair, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), July 1-September 15, 1959, $600 (6-29-59).

Wakstein, Allen M., Fellow in History, two months from June 16, 1959, $275 (4-24-59).

Wenzel, Joseph W., Fellow in Speech, two months from June 16, 1959, $275 (4-24-59).

Whitlatch, Robert C., Fellow in Speech, two months from June 16, 1959, $275 (4-24-59).

Williams, John E., National Science Foundation Cooperative Fellow in Zoology, one year from September 1, 1959, $2200 (6-10-59).


Wolfe, James E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, $500 (6-26-59).

Wolford, Beverley K., Fellow in Music, two months from June 16, 1959, $275 (4-24-59).

Woloshin, Arthur A., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from July 1, 1959, $300 a month (7-2-59).


Wright, Robert E., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, two months from June 16, 1959, $500 (6-26-59).

Yarrington, Eugene N., Jr., Fellow in English, two months from June 16, 1959, $275 (4-24-59).

Zahner, John C., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from August 16, 1959, $2200 (6-10-59).

Resignations and Declinations

Adachi, Chizuko, Research Assistant in Psychiatry (Medicine) — resignation effective July 4, 1959.

Adams, Maud, Assistant Professor of Nursing — resignation effective July 22, 1959.


Berg, Eric R., Assistant Professor of Agricultural Economics — resignation effective July 27, 1959.

Birge, Wesley J., Assistant Professor of Zoology (Summer Session of 1959) — resignation effective June 15, 1959.

Blackmer, Roy H., Jr., Research Associate in the State Water Survey — resignation effective July 29, 1959.

Bonsignore, Patrick V., Research Associate in Chemistry — resignation effective July 1, 1959.


Cho, Kang Ok, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges — declination effective July 1, 1959.

Coates, Marie, Visiting Research Associate Professor of Animal Science — declination effective September 1, 1959.


Corey, Elias J., Professor of Organic Chemistry — resignation effective September 1, 1959.

Czarnecki, Barbara, Research Assistant in Biological Chemistry (Medicine) — resignation effective July 23, 1959.

Davis, Gerald D., Instructor in Mechanical Engineering (Summer Session of 1959) — resignation effective June 15, 1959.
DUBERG, JOHN E., Professor of Civil Engineering—resignation effective July 9, 1959.
DUFF, DONNA J., Assistant Reference Librarian, with rank of Instructor (Chicago Undergraduate Division)—resignation effective September 1, 1959.
FARRAR, NORMA E., Head Resident, Allen Hall (South)—resignation effective July 1, 1959.
FRANK, EVELYN, Professor of Mathematics (Chicago Undergraduate Division)—resignation effective June 19, 1959.
GALANOS, DEMETRIOS S., Research Associate in Chemistry—resignation effective May 1, 1959.
GEORGIOU, GEORGE T., Physician in the Health Service (Chicago Professional Colleges)—resignation effective July 14, 1959.
GRAFFAM, SHIRLEY R., Instructor in Nursing—resignation effective October 19, 1959.
INGIMARSSON, JON, Fellow in Law—declination effective September 16, 1959.
JESSEN, RONALD C., Instructor in Pathology (Medicine)—resignation effective July 1, 1959.
KAPLAN, MARVIN, Tobacco Industry Research Committee Fellow (Chicago Professional Colleges)—resignation effective July 1, 1959.
KING, CHARLES E., Assistant Professor of Architecture—resignation effective September 1, 1959.
LACE, GUSTAVO A., Psychiatric Consultant in the Health Service (Chicago Professional Colleges)—resignation effective August 1, 1959.
LEDBERG, DANIEL, Postdoctoral Fellow in Chemistry—resignation effective August 1, 1959.
LESCH, HAROLD H., Fellow in Education—declination effective June 16, 1959.
LURIA, SALVADOR E., Professor of Bacteriology—resignation effective September 1, 1959.
MACFADYEN, DOUGLAS A., Professor of Biological Chemistry (Medicine)—resignation effective July 1, 1959.
MANGELSDF, CLARK P., Instructor in Civil Engineering—resignation effective September 1, 1959.
MANNING, MRS. MARY K., Research Assistant in the State Water Survey—resignation effective June 10, 1959.
MOLL, FREDERIC C., Professor of Pediatrics (Medicine)—resignation effective April 17, 1959.
NAKABAYASHI, NICHOLAS T., Assistant in Dairy Science (S)—resignation effective July 10, 1959.
OVERPECK, ROBERT E., Ford Foundation Fellow (Trainee) in Electrical Engineering—resignation effective September 16, 1959.
PATE, MARY LOU, Assistant in Home Economics—resignation effective June 16, 1959.
PUGH, ROBERT C., Counselor in the Student Counseling Service—resignation effective July 1, 1959.
RAUB, LUCILLE J., Assistant Serials and Acquisitions Librarian, and Instructor in Library Science (Chicago Undergraduate Division)—resignation effective September 1, 1959.
REDDY, VASUNDRA, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges)—resignation effective July 1, 1959.
SAMP, BERNARD A., Assistant Professor of Hygiene, Medical Adviser, and Special Duty Physician in the Health Service—resignation effective September 1, 1959.
SAUER, DAVID A., Assistant Professor of Architecture — resignation effective
September 1, 1959.
SKOLD, RONALD V., Research Associate in the State Water Survey — resignation
effective June 30, 1959.
SMOLLER, MRS. CAROLYN G., Research Assistant in Anatomy (Medicine) — resig-
nation effective July 1, 1959.
SOWERBY, DAVID B., Research Associate in Chemistry — resignation effective July
11, 1959.
STEIN, HERBERT J., Fellow in Electrical Engineering — resignation effective Sep-
tember 16, 1959.
TESI, GIORGIO, Research Associate in Chemistry — resignation effective July 1, 1959.
VON BOSE, MARLENE J., Assistant Extension Editor, with rank of Instructor —
resignation effective July 22, 1959.
WESMAN, ROBERT A., Assistant Professor of Mathematics (Summer Session of
WOLIN, EILEEN, Research Assistant in Bacteriology — resignation effective July 4,
1959.
WORLEY, WILL J., Associate Professor of Theoretical and Applied Mechanics
(Summer Session of 1959) — resignation effective June 15, 1959.
YOUNGMAN, WILLIAM R., Fellow in Art — declination effective June 16, 1959.

LEAVES OF ABSENCE
BRUNNEMEYER, HENRY R., Assistant State Leader for Farm Advisers and Asso-
ciate Professor of Agricultural Extension (E) — disability leave of absence on
full pay, six months from September 1, 1959, and that he be permitted to
retire from active service as of March 1, 1960.
CURTIS, JAMES O., Assistant Professor of Agricultural Engineering (C and S) —
leave of absence without pay, for one year beginning September 14, 1959, so
that he may accept the award of a National Science Foundation Science
Faculty Fellowship to work toward completion of the requirements of a
Doctor of Philosophy degree.
GRAHAM, MARY F., Instructor in Pediatrics (Medicine) — leave of absence with-
out pay, for two months beginning August 1, 1959.
MILLER, WENDELL E., Professor of Electrical Engineering and Associate Head of
the Department (C and S) — leave of absence without pay, beginning July 15
and continuing through August 31, 1959.

The Board reconvened in open session.

ADDRESS BY PROFESSOR H. O. HALVORSON AND
INSPECTION OF BURRILL HALL
President Henry introduced Professor H. O. Halvorson, Professor of
Microbiology and Head of the Department, and recently appointed
Director of the new School of Life Sciences, who addressed the Board
on educational and research programs of the departments comprising
the School of Life Sciences.
At the conclusion of his presentation, the meeting recessed for an
inspection of Burrill Hall and for luncheon.

ADDRESS BY DEAN WILLIAM L. EVERITT
Following luncheon, President Henry introduced Dean William L.
Everitt of the College of Engineering who addressed the Board on
the Ford Foundation grant for teacher training in engineering.

On motion of Mrs. Watkins, the Board adjourned.
EXPLANATORY NOTES

This budget consists of three volumes:

I. Summaries of all divisions; Urbana-Champaign divisions and general University administration — academic and administrative salaries, wages, expense, and equipment.

II. Chicago Professional Colleges (including Division of Services for Crippled Children), and Chicago Undergraduate Division — academic and administrative salaries, wages, expense, and equipment.

III. Nonacademic salaries, all divisions.

Appropriations for salaries are available for the term indicated in each case but not for more than one year from September 1, 1959.

When appointments are made at salary rates less than the amounts provided in the budget, the unused balance is lapsed at that time, resulting in a reduction in the budget.

Funds appropriated for positions in the salary budget which are not yet filled may be used to hire employees temporarily engaged to do the work contemplated by the position upon proper authorization of the Bursar or Office of Nonacademic Personnel, so long as such temporary charges do not exceed the amount of time provided by the position.

All unexpended balances remaining in the salary budget lapse at the close of each calendar month unless previously assigned or encumbered. Such lapses do not result in a reduction in the budget.

Departmental appropriations are made under the captions "Salaries" and "Wages, Expense, and Equipment." Transfers may be made between "Salaries" and "Wages, Expense, and Equipment" upon approval of the Vice-President and Provost, except that transfers between salaries and wages may be made by the Vice-President and Comptroller to the extent of the full-time equivalence of the salary positions. All requests for transfers should be submitted through the Vice-President and Comptroller, with the reason for the transfer. Nonrecurring unassigned items may be assigned to departments for equipment or minor remodeling projects merely upon notice to the Accounting Division, except that any assignment of more than $1,000 must first be approved by the Vice-President and Provost.

Appropriations for expense, equipment, and wages are available for one year beginning July 1, 1959. All balances and overdrafts in regular appropriations will be carried forward to 1960-61 unless otherwise notified by the Business Office.

All budgets of auxiliary enterprises, cooperative investigations, other trust funds and restricted budgets are on an estimated basis. Appropriations are limited to actual income, but any balances or receipts in excess of the estimate are appropriated for the operation of the activity. Salary appointments may be cancelled if the funds for cooperative investigations are withdrawn.

Explanatory Notes on the Salary Budget

1. The services required for members of the academic and administrative staff are in accordance with Section 37 of the University of Illinois Statutes and Section 26 of the General Rules Concerning University Organization and Procedure.

   a. For positions or portion of positions indicated as "Y," services are required for twelve months, with one month for vacation. No additional compensation is allowed for summer services for any salary or portion of salary indicated as "Y."

   b. For positions or portion of positions not indicated as "Y," services are required only during the academic year of two semesters (three terms in Chicago Professional Colleges). Summer session teaching, if required, will be covered by an additional appointment with salary.

2. Services of the nonacademic staff are in accordance with Civil Service regulations.

Tenure Symbols (a number following indicates percentage of time)

A — Indefinite tenure, payable in twelve monthly installments.
B — Two years from September, 1959, payable in twelve installments annually.
D — One year, payable in twelve installments from September 1, 1959.
E — The academic year 1959-60, payable during nine months from September 16.
F — One year from effective date indicated (other than September 1).
G — For the period indicated (less than one year and not on "Y" status).
Y — Indicates that services are required throughout the year, except for allowable
vacation, without additional compensation.
N — In accordance with Civil Service regulations, effective July 1, 1959, with
payments on a monthly basis.
NS — Same as N, except work week is five and one-half days.
H — Same as N, but with payments on an hourly basis. Amount indicated is
estimated annual salary based on normal number of hours.
P — Same as H, but at prevailing rates.
Z — Indicates person's name appears in two or more budgets.
R — On retirement annuity from University Retirement System.
RA — Receiving retiring allowance from the University (old system).

In the College of Agriculture, additional symbols are used to designate fund, as
explained in the Agriculture Summary. In Engineering, "C" and "S" indicate
College and Station.

Perquisite Designation
Perquisites University — Perquisites for the convenience of the University.
Perquisites Employee — Perquisites for the convenience of the employee.
Meals may be abbreviated "M," or "MM" for two meals. "R" indicates
room.
Dollar amounts do not include any perquisites for the convenience of the University.

COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS

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<th>1958-59</th>
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<tr>
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<td>Revised</td>
<td>Proposed</td>
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<tr>
<td>General</td>
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<td>Restricted</td>
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<td>Total, Estimated Income</td>
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<td>Appropriations by Board of Trustees</td>
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<td>From General Income</td>
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<td>From Restricted Income</td>
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Income by Source

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<td>Federal Appropriations</td>
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<td>Reserved for 1960-61</td>
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<td>Total, Educational and General</td>
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<td>Total, Income</td>
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Appropriations by Function

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<tr>
<td>Total, Educational and General</td>
<td>$77,307</td>
<td>88.0</td>
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<tr>
<td>Auxiliary Enterprises</td>
<td>8,929</td>
<td>10.2</td>
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<tr>
<td>Student Aid and Noneducational</td>
<td>1,625</td>
<td>1.8</td>
</tr>
<tr>
<td>Total, Appropriations</td>
<td>$87,862</td>
<td>100.0</td>
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</table>
### Appropriations by Location

<table>
<thead>
<tr>
<th>Location</th>
<th>1959-60</th>
<th>Proposed</th>
<th>Per Cent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbana-Champaign (includes state-wide services)</td>
<td>$62 662 872</td>
<td>71.3</td>
<td></td>
</tr>
<tr>
<td>Chicago Professional Colleges (includes Crippled Children)</td>
<td>$20 681 321</td>
<td>23.5</td>
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<tr>
<td>Chicago Undergraduate Division</td>
<td>4 518 681</td>
<td>5.2</td>
<td></td>
</tr>
<tr>
<td><strong>Total, Appropriations</strong></td>
<td>$87 862 874</td>
<td>100.0</td>
<td></td>
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</table>

### SUMMARY OF CHANGES IN APPROPRIATIONS FROM GENERAL FUNDS

<table>
<thead>
<tr>
<th>Category</th>
<th>1958-59</th>
<th>Increase</th>
<th>1959-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbana-Champaign</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td>$5 370 307</td>
<td>$525 280</td>
<td>$5 895 587</td>
</tr>
<tr>
<td>Commerce and Business Administration</td>
<td>1 310 123</td>
<td>132 617</td>
<td>1 442 740</td>
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<tr>
<td>Education</td>
<td>1 275 036</td>
<td>142 826</td>
<td>1 417 862</td>
</tr>
<tr>
<td>Engineering</td>
<td>3 963 982</td>
<td>480 117</td>
<td>4 444 099</td>
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<tr>
<td>Fine and Applied Arts</td>
<td>1 591 225</td>
<td>271 860</td>
<td>1 863 085</td>
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<tr>
<td>Graduate College</td>
<td>746 157</td>
<td>235 735</td>
<td>981 892</td>
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<tr>
<td>Journalism and Communications</td>
<td>548 416</td>
<td>47 380</td>
<td>595 796</td>
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<tr>
<td>Law</td>
<td>277 440</td>
<td>22 670</td>
<td>300 110</td>
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<tr>
<td>Liberal Arts and Sciences</td>
<td>5 860 332</td>
<td>881 835</td>
<td>6 742 167</td>
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<tr>
<td>Physical Education</td>
<td>590 260</td>
<td>94 170</td>
<td>684 430</td>
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<tr>
<td>University Extension</td>
<td>491 160</td>
<td>98 555</td>
<td>589 715</td>
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<tr>
<td>Veterinary Medicine</td>
<td>378 515</td>
<td>73 515</td>
<td>452 030</td>
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<td>Armed Forces</td>
<td>32 635</td>
<td>2 185</td>
<td>34 820</td>
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<tr>
<td>Institute of Aviation</td>
<td>358 296</td>
<td>29 884</td>
<td>388 180</td>
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<tr>
<td>Government and Public Affairs</td>
<td>58 600</td>
<td>13 220</td>
<td>71 910</td>
</tr>
<tr>
<td>Labor and Industrial Relations</td>
<td>233 880</td>
<td>26 580</td>
<td>260 460</td>
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<tr>
<td>Social Work</td>
<td>129 800</td>
<td>13 300</td>
<td>143 190</td>
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<tr>
<td>Special Services for War Veterans</td>
<td>18 400</td>
<td>100</td>
<td>18 500</td>
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<tr>
<td>Summer Session</td>
<td>741 600</td>
<td>46 690</td>
<td>788 290</td>
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<tr>
<td>University Press</td>
<td>93 783</td>
<td>8 520</td>
<td>102 303</td>
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<tr>
<td>Library and Library School</td>
<td>1 596 100</td>
<td>278 088</td>
<td>1 874 188</td>
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<td>Physical Plant</td>
<td>3 978 919</td>
<td>506 305</td>
<td>4 485 224</td>
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<tr>
<td>Administration and General</td>
<td>2 850 002</td>
<td>496 744</td>
<td>3 346 746</td>
</tr>
<tr>
<td>Retirement System (all campuses)</td>
<td>1 620 790</td>
<td>498 600</td>
<td>2 119 350</td>
</tr>
<tr>
<td>Negotiated and Prevailing Rate Increases</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(all campuses)</td>
<td>430 000</td>
<td></td>
<td>430 000</td>
</tr>
<tr>
<td><strong>Total, Urbana-Champaign</strong></td>
<td>(34 116 098)</td>
<td>(5 356 776)</td>
<td>(39 472 874)</td>
</tr>
</tbody>
</table>

### Chicago Professional Colleges

<table>
<thead>
<tr>
<th>Category</th>
<th>1958-59</th>
<th>Increase</th>
<th>1959-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medicine</td>
<td>3 140 417</td>
<td>366 241</td>
<td>3 506 658</td>
</tr>
<tr>
<td>Dentistry</td>
<td>811 815</td>
<td>99 458</td>
<td>911 273</td>
</tr>
<tr>
<td>Pharmacy</td>
<td>459 124</td>
<td>54 420</td>
<td>513 544</td>
</tr>
<tr>
<td>Graduate College</td>
<td>45 760</td>
<td>2 860</td>
<td>48 620</td>
</tr>
<tr>
<td>Nursing</td>
<td>146 803</td>
<td>23 395</td>
<td>170 198</td>
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<tr>
<td>Broadcasting</td>
<td>20 850</td>
<td>1 110</td>
<td>21 960</td>
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<tr>
<td>Crippled Children</td>
<td>1 539 990</td>
<td>111 330</td>
<td>1 651 320</td>
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<tr>
<td>Physical Education</td>
<td>15 770</td>
<td>1 120</td>
<td>16 890</td>
</tr>
<tr>
<td>Aeromedical and Physical Environment Laboratory</td>
<td>82 880</td>
<td>8 580</td>
<td>91 460</td>
</tr>
<tr>
<td>Research and Educational Hospitals</td>
<td>5 354 412</td>
<td>498 156</td>
<td>5 852 568</td>
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<tr>
<td>Library</td>
<td>105 585</td>
<td>28 555</td>
<td>134 140</td>
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<tr>
<td>Physical Plant</td>
<td>2 436 867</td>
<td>362 013</td>
<td>2 798 880</td>
</tr>
<tr>
<td>Administration and General</td>
<td>693 082</td>
<td>100 299</td>
<td>793 381</td>
</tr>
<tr>
<td><strong>Total, Chicago Professional Colleges</strong></td>
<td>(14 853 355)</td>
<td>(1 657 537)</td>
<td>(16 510 802)</td>
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</table>

### Chicago Undergraduate Division

<table>
<thead>
<tr>
<th>Category</th>
<th>1958-59</th>
<th>Increase</th>
<th>1959-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Divisions</td>
<td>2 040 793</td>
<td>233 595</td>
<td>2 274 388</td>
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<tr>
<td>Library</td>
<td>153 086</td>
<td>15 884</td>
<td>168 970</td>
</tr>
<tr>
<td>Physical Plant</td>
<td>888 009</td>
<td>19 000</td>
<td>907 009</td>
</tr>
<tr>
<td>Administration and General</td>
<td>475 734</td>
<td>82 866</td>
<td>558 600</td>
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<tr>
<td><strong>Total, Chicago Undergraduate Division</strong></td>
<td>(3 557 622)</td>
<td>(351 345)</td>
<td>(3 908 967)</td>
</tr>
</tbody>
</table>

### Refunds and Reappropriations

| Category                                      | 225 000  | 150 000  | 375 000   |

### Unappropriated

| Category                                      | 21 725   | 165 542  | 187 267   |

**Total, Entire University** $52 773 800 $7 681 200 $60 455 000
### SUMMARY OF SALARY POSITIONS, WITH CHANGES FROM 1958-59, GENERAL FUNDS ONLY

<table>
<thead>
<tr>
<th></th>
<th>Academic Staff</th>
<th>Nonacademic Staff</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Full Time Change</td>
<td>Full Time Change</td>
</tr>
<tr>
<td></td>
<td>Equivalent from</td>
<td>Equivalent from</td>
</tr>
<tr>
<td><strong>Urbana-Champaign</strong></td>
<td></td>
<td></td>
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<tr>
<td>Agriculture</td>
<td>499.77</td>
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<td>Commerce and Business Administration</td>
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<td>Graduate College</td>
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<td>Law</td>
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<td>42.46</td>
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<tr>
<td>Physical Education</td>
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<td>5.75</td>
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<tr>
<td>University Extension</td>
<td>22.70</td>
<td>-1.25</td>
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<tr>
<td>Veterinary Medicine</td>
<td>32.60</td>
<td>4.08</td>
</tr>
<tr>
<td>Armed Forces</td>
<td>30.00</td>
<td>0.00</td>
</tr>
<tr>
<td>Institute of Aviation</td>
<td>18.50</td>
<td>0.00</td>
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<tr>
<td>Government and Public Affairs</td>
<td>6.27</td>
<td>1.14</td>
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<tr>
<td>Labor and Industrial Relations</td>
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<td>1.10</td>
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<tr>
<td>Social Work</td>
<td>10.50</td>
<td>0.00</td>
</tr>
<tr>
<td>Special Services for War Veterans</td>
<td>1.50</td>
<td>0.00</td>
</tr>
<tr>
<td>Summer Session</td>
<td>30.00</td>
<td>0.00</td>
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<tr>
<td>University Press</td>
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<td>0.00</td>
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<tr>
<td>Library and Library School</td>
<td>131.50</td>
<td>1.00</td>
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<tr>
<td>Physical Plant</td>
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<td>1.00</td>
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<td>Administration and General</td>
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<td>9.67</td>
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<tr>
<td><strong>Total, Urbana-Champaign</strong></td>
<td><strong>(2,693.00)</strong></td>
<td><strong>(129.30)</strong></td>
</tr>
</tbody>
</table>

|                      |          |          |          |          |
| **Chicago Professional Colleges** |          |          |          |          |
| Medicine              | 233.03   | 11.50    | 153.77   | 1.20     |
| Dentistry             | 50.76    | 1.17     | 55.23    | 0.00     |
| Pharmacy              | 50.57    | 1.50     | 19.00    | 0.00     |
| Graduate College      | 10.00    | 0.00     | 1.00     | 0.00     |
| Nursing               | 19.10    | 1.10     | 4.00     | 0.00     |
| Broadcasting          | 0.00     | 0.00     | 1.00     | 0.00     |
| Crippled Children     | 1.73     | 0.00     | 49.00    | -17.00   |
| Physical Education    | 1.00     | 0.00     | 1.00     | 0.00     |
| Aeromedical and Physical Environment Laboratory | 4.00 | 0.00 | 5.00 | 0.00 |
| Research and Educational Hospitals | 4.67 | 0.00 | 683.00 | 28.00 |
| Library               | 7.00     | 0.00     | 7.00     | 0.00     |
| Physical Plant        | 1.00     | 0.00     | 34.72    | 2.00     |
| Administration and General | 15.10  | 0.00     | 88.24    | 3.00     |
| **Total, Chicago Professional Colleges** | **(388.06)** | **(14.27)** | **(1,100.96)** | **(17.20)** |

|                      |          |          |          |          |
| **Chicago Undergraduate Division** |          |          |          |          |
| Academic Divisions    | 275.14   | 9.95     | 32.88    | -1.00    |
| Library               | 10.00    | 0.00     | 15.00    | 0.00     |
| Physical Plant        | 0.00     | 0.00     | 7.88     | 0.00     |
| Administration and General | 21.29  | -0.50    | 46.66    | 2.00     |
| **Total, Chicago Undergraduate Division** | **(306.43)** | **(9.45)** | **(102.22)** | **(1.00)** |

|                      |          |          |          |          |
| **Total, Entire University** |          |          |          |          |
|                      | 5,387.49 | 153.02   | 2,500.25 | 50.30    |

1. Not including approximately 1,400 full-time equivalent paid from wages.
## Estimated Income

### Education and General

<table>
<thead>
<tr>
<th>Public Appropriations</th>
<th>General Income</th>
<th>Restricted Income</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>State</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Current Operations</td>
<td>$55,905,000</td>
<td></td>
<td>$55,905,000</td>
</tr>
<tr>
<td>For Tuberculosis Research</td>
<td></td>
<td>$71,150</td>
<td>71,150</td>
</tr>
<tr>
<td>For Horseradish Research</td>
<td></td>
<td>5,000</td>
<td>5,000</td>
</tr>
<tr>
<td>Smith-Hughes Act</td>
<td>60,000</td>
<td></td>
<td>60,000</td>
</tr>
<tr>
<td><strong>Total, State</strong></td>
<td>(55,965,000)</td>
<td>(76,150)</td>
<td>(56,041,150)</td>
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</tbody>
</table>

### Federal

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Morrill-Nelson Acts</td>
<td>50,000</td>
<td></td>
<td>50,000</td>
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<tr>
<td>Bankhead-Jones Act (Teaching)</td>
<td>106,905</td>
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<tr>
<td>Hatch Acts</td>
<td>690,170</td>
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<tr>
<td>Regional Research Act</td>
<td>158,175</td>
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<tr>
<td>Agricultural Marketing Act Title II</td>
<td>6,150</td>
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<td>6,150</td>
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<tr>
<td>Research and Marketing Extension Act</td>
<td>28,900</td>
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<tr>
<td>Smith-Lever Act</td>
<td>1,582,382</td>
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<tr>
<td><strong>Social Security Act — Services for Crippled Children</strong></td>
<td>532,000</td>
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<tr>
<td><strong>Total, Federal</strong></td>
<td>(156,905)</td>
<td>(2,997,777)</td>
<td>(3,154,682)</td>
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### Fees

<p>| | | | |</p>
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<tr>
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</thead>
<tbody>
<tr>
<td>Student Fees</td>
<td>4,256,000</td>
<td>255,000</td>
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<tr>
<td>Less Fees for Housing</td>
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<tr>
<td>Net Student Fees</td>
<td>(3,920,000)</td>
<td>(255,000)</td>
<td>(4,175,000)</td>
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<tr>
<td>Extension Fees</td>
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<tr>
<td><strong>Total, Fees</strong></td>
<td>(4,145,000)</td>
<td>(255,000)</td>
<td>(4,400,000)</td>
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### Sales and Service of Educational Departments and Miscellaneous Current Income

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Research and Educational Hospitals</td>
<td>800,000</td>
<td>238,087</td>
<td>1,038,087</td>
</tr>
<tr>
<td>Dentistry</td>
<td>120,000</td>
<td>10,000</td>
<td>130,000</td>
</tr>
<tr>
<td>Aviation</td>
<td>341,240</td>
<td></td>
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<tr>
<td>Agriculture</td>
<td>124,500</td>
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<td>567,758</td>
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<td>Education</td>
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<tr>
<td>Investment Income</td>
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<td>100,000</td>
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<tr>
<td>Veterinary Medicine</td>
<td>59,720</td>
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<tr>
<td>University Press</td>
<td>85,260</td>
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<td>85,260</td>
</tr>
<tr>
<td>University Extension</td>
<td>510,600</td>
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<td>510,600</td>
</tr>
<tr>
<td><strong>All Other</strong></td>
<td>168,595</td>
<td>245,775</td>
<td>414,370</td>
</tr>
<tr>
<td><strong>Total, Sales and Service of Educational Departments and Miscellaneous Current Income</strong></td>
<td>(1,313,095)</td>
<td>(2,022,580)</td>
<td>(3,335,675)</td>
</tr>
</tbody>
</table>

### Income Reserved for 1960-61

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<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Trust Income for Educational Purposes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endowment Income</td>
<td>104,100</td>
<td></td>
<td>104,100</td>
</tr>
<tr>
<td>Gifts from Private Sources, Urbana</td>
<td>75,000</td>
<td>2,518,000</td>
<td>2,593,000</td>
</tr>
<tr>
<td>Gifts from Private Sources, Chicago</td>
<td>40,000</td>
<td>726,000</td>
<td>766,000</td>
</tr>
<tr>
<td>U.S. Contracts</td>
<td>8,102,300</td>
<td></td>
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</tr>
<tr>
<td>Indirect Costs, Urbana</td>
<td>200,000</td>
<td>795,258</td>
<td>995,258</td>
</tr>
<tr>
<td>Indirect Costs, Chicago</td>
<td>85,000</td>
<td>116,185</td>
<td>201,185</td>
</tr>
<tr>
<td><strong>Total, Trust Income for Educational Purposes</strong></td>
<td>(400,000)</td>
<td>(12,361,843)</td>
<td>(12,761,843)</td>
</tr>
<tr>
<td><strong>Total, Education and General</strong></td>
<td>(60,080,000)</td>
<td>(17,713,350)</td>
<td>(77,793,350)</td>
</tr>
</tbody>
</table>

### Auxiliary Enterprises and Activities

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Income from Operations</td>
<td>8,929,291</td>
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<td>8,929,291</td>
</tr>
<tr>
<td><strong>Student Aid</strong></td>
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</tr>
<tr>
<td>Endowment Income</td>
<td>117,500</td>
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<td>117,500</td>
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<tr>
<td>Gifts</td>
<td>508,000</td>
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<td>U.S. Contracts</td>
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<tr>
<td>Indirect Costs</td>
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<td>40,000</td>
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<tr>
<td><strong>Total, Student Aid</strong></td>
<td>(952,500)</td>
<td></td>
<td>(952,500)</td>
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<tr>
<td>Refunds and Reappropriations</td>
<td>375,000</td>
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<td>375,000</td>
</tr>
</tbody>
</table>

**Grand Total, Estimated Income** | $60,455,000 | $27,595,141 | $88,050,141
### APPROPRIATIONS

#### General

<table>
<thead>
<tr>
<th>Administration and General</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbana-Champaign</td>
<td>$2,430,841</td>
<td>$3,035,255</td>
<td>$5,466,096</td>
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<tr>
<td>Chicago Professional Colleges</td>
<td>664,581</td>
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<td>793,381</td>
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<td>Chicago Undergraduate Division</td>
<td>434,900</td>
<td>123,700</td>
<td>558,600</td>
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<td><strong>Total, Administration and General</strong></td>
<td>(3,530,322)</td>
<td>(3,287,755)</td>
<td>(6,818,077)</td>
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</tbody>
</table>

**Instruction**

| Urbana-Champaign | $17,089,031 | $1,907,028 | 18,996,059 |
| Chicago Professional Colleges | 4,516,128 | 611,635 | 5,127,183 |
| Chicago Undergraduate Division | 2,136,978 | 137,470 | 2,274,488 |
| **Total, Instruction** | (23,742,137) | (2,655,493) | (26,397,630) |

**Organized Activities Relating to Instruction**

| Urbana-Champaign | 161,934 | 13,300 | 175,234 |
| Chicago Professional Colleges | 3,064,240 | 2,788,328 | 5,852,568 |
| **Total, Organized Activities Relating to Instruction** | (3,226,174) | (2,801,628) | (6,027,802) |

**Organized Research**

| Urbana-Champaign | 3,856,910 | 974,724 | 4,831,634 |
| Chicago Professional Colleges | 72,660 | 38,800 | 111,460 |
| **Total, Organized Research** | (3,929,570) | (1,013,524) | (4,943,094) |

**Extension and Public Services**

| Urbana-Champaign | 2,600,389 | 452,295 | 3,052,684 |
| Chicago Professional Colleges | 361,760 | 1,311,520 | 1,673,280 |
| **Total, Extension and Public Services** | (2,962,149) | (1,763,815) | (4,725,964) |

**Libraries**

| Urbana-Champaign | 1,114,505 | 643,338 | 1,757,843 |
| Chicago Professional Colleges | 78,540 | 55,600 | 134,140 |
| Chicago Undergraduate Division | 126,270 | 42,700 | 168,970 |
| **Total, Libraries** | (1,319,315) | (741,638) | (2,060,953) |

**Physical Plant**

| Urbana-Champaign | 339,560 | 4,440,664 | 4,780,224 |
| Chicago Professional Colleges | 240,047 | 2,558,833 | 2,798,880 |
| Chicago Undergraduate Division | 52,101 | 854,908 | 907,009 |
| **Total, Physical Plant** | (631,708) | (7,854,405) | (8,486,113) |

**Student Aid**

| Urbana-Champaign | 278,100 | 278,100 |
| Chicago Professional Colleges | 20,000 | 20,000 |
| **Total, Student Aid** | (298,100) | (298,100) |

**Unclassified**

| Nonacademic Balances | 135,000 | 135,000 |
| Refunds and Reappropriations | 375,000 | 375,000 |
| **Total, Unclassified** | (135,000) | (375,000) | (510,000) |
| **Total, General** | $39,476,375 | $20,791,358 | $60,267,733 |

### Restricted

<table>
<thead>
<tr>
<th>Administration and General</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbana-Champaign</td>
<td>$175,333</td>
<td>$88,250</td>
<td>$263,583</td>
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<td>Chicago Professional Colleges</td>
<td>28,035</td>
<td>19,930</td>
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<tr>
<td>Chicago Undergraduate Division</td>
<td>720</td>
<td>2,500</td>
<td>3,220</td>
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<td><strong>Total, Administration and General</strong></td>
<td>(204,088)</td>
<td>(110,680)</td>
<td>(314,768)</td>
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</tbody>
</table>

**Instruction**

| Urbana-Champaign | 401,700 | 748,200 | 1,149,900 |
| Chicago Professional Colleges | 99,020 | 53,300 | 152,320 |
| **Total, Instruction** | (500,720) | (801,500) | (1,302,220) |

**Organized Activities Relating to Instruction**

| Urbana-Champaign | 70,660 | 392,500 | 463,160 |
|
### Wages, Expense, and Salaries

<table>
<thead>
<tr>
<th>Category</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago Professional Colleges</td>
<td>118,282</td>
<td>137,805</td>
<td>256,087</td>
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<td>(530,305)</td>
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<td>Organized Research</td>
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<td>Urbana-Champaign</td>
<td>4,548,710</td>
<td>4,032,143</td>
<td>8,580,853</td>
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<td>1,066,790</td>
<td>843,360</td>
<td>1,910,150</td>
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<td>(4,875,503)</td>
<td>(10,491,003)</td>
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<tr>
<td>Urbana-Champaign</td>
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<td>2,408,492</td>
<td>4,027,852</td>
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<td>Chicago Professional Colleges</td>
<td>314,520</td>
<td>277,480</td>
<td>592,000</td>
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<td><strong>Total, Extension and Public Services</strong></td>
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<td>(2,685,972)</td>
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<tr>
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<td>2,760</td>
<td>3,500</td>
<td>6,260</td>
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</tr>
<tr>
<td>Urbana-Champaign</td>
<td></td>
<td>5,000</td>
<td>5,000</td>
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<tr>
<td>Chicago Professional Colleges</td>
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<td>255,000</td>
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<tr>
<td><strong>Total, Physical Plant</strong></td>
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<td>(260,000)</td>
<td>(260,000)</td>
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<tr>
<td>Auxiliary Enterprises</td>
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<td></td>
<td></td>
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<td>6,777,192</td>
<td>7,413,390</td>
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<td>909,407</td>
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<td>606,494</td>
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<td>(8,929,291)</td>
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<td>Urbana-Champaign</td>
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<td>905,000</td>
<td>905,000</td>
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<tr>
<td>Chicago Professional Colleges</td>
<td></td>
<td>47,500</td>
<td>47,500</td>
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<tr>
<td><strong>Total, Student Aid</strong></td>
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<td>(952,500)</td>
<td>(952,500)</td>
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<td><strong>Total, Restricted</strong></td>
<td>$9,225,869</td>
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<tr>
<td><strong>Grand Total</strong></td>
<td>$48,702,244</td>
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<td>$87,862,874</td>
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### URBANA-CHAMPAIGN

#### APPROPRIATIONS

### General

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<tr>
<th>Category</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration and General</td>
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<td></td>
</tr>
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<td>General Administrative Offices</td>
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<td>$311,160</td>
<td>$1,592,473</td>
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<td>1,007,532</td>
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<td>2,215,151</td>
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<td><strong>Total, Administration and General</strong></td>
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<td>(3,035,255)</td>
<td>(5,466,096)</td>
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</table>

#### Instruction

<table>
<thead>
<tr>
<th>Category</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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</thead>
<tbody>
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<td>Agriculture</td>
<td>1,198,174</td>
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<td>1,283,715</td>
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<td>866,273</td>
<td>121,880</td>
<td>988,153</td>
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<td>Engineering</td>
<td>2,269,519</td>
<td>309,500</td>
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<td>Fine and Applied Arts</td>
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<td>1,710,475</td>
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<td>202,365</td>
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<td>684,430</td>
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<td>7,200</td>
<td>31,260</td>
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<td>494,620</td>
<td>47,410</td>
<td>542,030</td>
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<td>25,170</td>
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<td>34,820</td>
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<td>309,780</td>
<td>78,400</td>
<td>388,180</td>
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<td>Special Services for War Veterans</td>
<td>16,000</td>
<td>2,500</td>
<td>18,500</td>
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### General (Concluded)

<table>
<thead>
<tr>
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<tr>
<td><strong>Summer Session</strong></td>
<td>757 990</td>
<td>30 300</td>
<td>788 290</td>
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<tr>
<td><strong>Library and Library School</strong></td>
<td>109 445</td>
<td>6 900</td>
<td>116 345</td>
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<td><strong>Total, Instruction</strong></td>
<td>(1 089 031)</td>
<td>(1 907 028)</td>
<td>(1 996 059)</td>
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#### Organized Activities Relating to Instruction

<table>
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<tr>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td><strong>Education</strong></td>
<td>161 934</td>
<td>13 300</td>
<td>175 234</td>
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#### Organized Research

<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Agriculture</strong></td>
<td>2 079 209</td>
<td>490 844</td>
<td>2 570 053</td>
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<tr>
<td><strong>Commerce and Business Administration</strong></td>
<td>72 215</td>
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<tr>
<td><strong>Education</strong></td>
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<td>15 710</td>
<td>189 925</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>778 719</td>
<td>146 370</td>
<td>925 089</td>
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<tr>
<td><strong>Fine and Applied Arts</strong></td>
<td>66 350</td>
<td>7 900</td>
<td>74 250</td>
</tr>
<tr>
<td><strong>Graduate College</strong></td>
<td>327 902</td>
<td>258 850</td>
<td>586 752</td>
</tr>
<tr>
<td><strong>Journalism and Communications</strong></td>
<td>88 380</td>
<td>3 100</td>
<td>91 480</td>
</tr>
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<td><strong>Government and Public Affairs</strong></td>
<td>62 160</td>
<td>9 750</td>
<td>71 910</td>
</tr>
<tr>
<td><strong>Labor and Industrial Relations</strong></td>
<td>237 760</td>
<td>22 700</td>
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</tr>
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<td><strong>Total, Organized Research</strong></td>
<td>(3 856 910)</td>
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<td>(4 831 634)</td>
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#### Extension and Public Services

<table>
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<th>Total</th>
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</thead>
<tbody>
<tr>
<td><strong>Libraries</strong></td>
<td>1 114 505</td>
<td>643 338</td>
<td>1 757 843</td>
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<tr>
<td><strong>Physical Plant</strong></td>
<td>339 560</td>
<td>4 440 664</td>
<td>4 780 224</td>
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</table>

#### Student Aid

<table>
<thead>
<tr>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fine and Applied Arts</strong></td>
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<td>11 000</td>
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<tr>
<td><strong>Graduate College</strong></td>
<td>262 500</td>
<td>262 500</td>
<td>262 500</td>
</tr>
<tr>
<td><strong>Law</strong></td>
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<tr>
<td><strong>Total, Student Aid</strong></td>
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<td>(278 100)</td>
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#### Unclassified

<table>
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<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Administration and General</strong></td>
<td>135 000</td>
<td>375 000</td>
<td>510 000</td>
</tr>
<tr>
<td><strong>Refunds and Reappropriations</strong></td>
<td>375 000</td>
<td>375 000</td>
<td>375 000</td>
</tr>
<tr>
<td><strong>Total, Unclassified</strong></td>
<td>(135 000)</td>
<td>(375 000)</td>
<td>(510 000)</td>
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<tr>
<td><strong>Total, General</strong></td>
<td>(27 728 170)</td>
<td>(12 119 704)</td>
<td>(39 847 874)</td>
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#### Restricted

<table>
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<th>Total</th>
</tr>
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<tbody>
<tr>
<td><strong>Administration and General</strong></td>
<td>$ 175 333</td>
<td>$ 88 250</td>
<td>$ 263 583</td>
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#### Instruction

<table>
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<th>Total</th>
</tr>
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<td>3 300</td>
<td>2 000</td>
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<td><strong>Commerce and Business Administration</strong></td>
<td>1 200</td>
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<td>29 400</td>
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<tr>
<td><strong>Education</strong></td>
<td>12 640</td>
<td>16 900</td>
<td>29 540</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>106 000</td>
<td>106 000</td>
<td>106 000</td>
</tr>
<tr>
<td><strong>Fine and Applied Arts</strong></td>
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<td>20 200</td>
<td>20 200</td>
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<tr>
<td><strong>Graduate College</strong></td>
<td>340 000</td>
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<td><strong>Journalism and Communications</strong></td>
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<tr>
<td><strong>Liberal Arts and Sciences</strong></td>
<td>25 060</td>
<td>23 400</td>
<td>48 460</td>
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<tr>
<td><strong>Physical Education</strong></td>
<td>1 000</td>
<td>1 000</td>
<td>1 000</td>
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<tr>
<td><strong>Veterinary Medicine</strong></td>
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<td>5 000</td>
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<tr>
<td><strong>Armed Forces</strong></td>
<td>24 500</td>
<td>24 500</td>
<td>24 500</td>
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<tr>
<td><strong>Government and Public Affairs</strong></td>
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<tr>
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<td>20 000</td>
</tr>
<tr>
<td>Summer Session</td>
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<td>6 000</td>
<td>10 000</td>
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<td>Library and Library School</td>
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<td>12 500</td>
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<td><strong>Total, Instruction</strong></td>
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<td><strong>(748 200)</strong></td>
<td><strong>(1 149 900)</strong></td>
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</tr>
<tr>
<td>Veterinary Medicine</td>
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<td>59 720</td>
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<tr>
<td>Institute of Aviation</td>
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<td><strong>Total, Organized Activities Relating to Instruction</strong></td>
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<td><strong>Organized Research</strong></td>
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<td>801 210</td>
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<td>70 200</td>
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<td>Education</td>
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<tr>
<td>Fine and Applied Arts</td>
<td>8 000</td>
<td>8 000</td>
<td>16 000</td>
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<td>Journalism and Communications</td>
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<td>Liberal Arts and Sciences</td>
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<td>31 000</td>
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<td>Government and Public Affairs</td>
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<td>5 000</td>
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<tr>
<td>Labor and Industrial Relations</td>
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<td>24 600</td>
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<tr>
<td><strong>Total, Organized Research</strong></td>
<td><strong>(4 548 710)</strong></td>
<td><strong>(4 032 143)</strong></td>
<td><strong>(8 580 853)</strong></td>
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<td><strong>Extension and Public Services</strong></td>
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<tr>
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<td>1 408 540</td>
<td>1 496 842</td>
<td>2 905 382</td>
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<td>11 500</td>
<td>12 940</td>
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<td><strong>Total, Extension and Public Services</strong></td>
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<td>3 500</td>
<td>6 260</td>
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<td><strong>Physical Plant</strong></td>
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<tr>
<td>Physical Plant</td>
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<td>5 000</td>
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<tr>
<td><strong>Auxiliary Enterprises</strong></td>
<td></td>
<td></td>
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<tr>
<td>Administration and General</td>
<td>169 019</td>
<td>539 800</td>
<td>708 819</td>
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<td>4 380</td>
<td>42 400</td>
<td>46 780</td>
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<td>Engineering</td>
<td></td>
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<td>Physical Plant</td>
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<td>6 513 327</td>
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<td><strong>Total, Auxiliary Enterprises</strong></td>
<td><strong>(636 198)</strong></td>
<td><strong>(6 777 192)</strong></td>
<td><strong>(7 413 390)</strong></td>
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<td><strong>Student Aid</strong></td>
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<tr>
<td>Gifts and Endowments</td>
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<tr>
<td><strong>Total, Restricted</strong></td>
<td><strong>$7 454 721</strong></td>
<td><strong>$15 360 277</strong></td>
<td><strong>$22 814 998</strong></td>
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### ADMINISTRATION AND GENERAL

<table>
<thead>
<tr>
<th>General Administrative Offices</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td>Board of Trustees</td>
<td>$ 27 050</td>
<td>$ 31 800</td>
<td>$ 58 850</td>
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<td>President's Office</td>
<td>132 240</td>
<td>31 000</td>
<td>163 240</td>
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<td>Provost's Office</td>
<td>63 100</td>
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<td>Committee on Community Problems</td>
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## General (Concluded)

<table>
<thead>
<tr>
<th>Department</th>
<th>Salaries</th>
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<td><strong>Business Office</strong></td>
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<tr>
<td>Comptroller</td>
<td>72,640</td>
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<td>90,040</td>
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<tr>
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<td>Chest X-rays</td>
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<td>(324,657)</td>
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</tr>
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<td>Bureau of Institutional Research</td>
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<td>(229,550)</td>
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<tr>
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## Death and Disability Benefits

### Total, Security Benefits

<table>
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<th>Account Type</th>
<th>Balance</th>
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<tbody>
<tr>
<td>(47 301)</td>
<td>2 167 850</td>
</tr>
<tr>
<td>(2 215 151)</td>
<td>6 500</td>
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### Nonclassified

<table>
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<td>(47 301)</td>
<td>2 167 850</td>
</tr>
<tr>
<td>(2 215 151)</td>
<td>6 500</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Account Type</th>
<th>Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>(47 301)</td>
<td>2 167 850</td>
</tr>
<tr>
<td>(2 215 151)</td>
<td>6 500</td>
</tr>
</tbody>
</table>

## Wages, Expense, and Equipment

### Total, General

<table>
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<tr>
<th>Account Type</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>(47 301)</td>
<td>2 167 850</td>
<td>6 500</td>
<td>6 500</td>
<td>2 167 850</td>
</tr>
<tr>
<td>(2 215 151)</td>
<td>6 500</td>
<td>6 500</td>
<td>6 500</td>
<td>6 500</td>
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### Restricted

<table>
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<tr>
<th>Account Type</th>
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<th>Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>(47 301)</td>
<td>2 167 850</td>
<td>6 500</td>
<td>6 500</td>
<td>2 167 850</td>
</tr>
<tr>
<td>(2 215 151)</td>
<td>6 500</td>
<td>6 500</td>
<td>6 500</td>
<td>6 500</td>
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## Administration and General

### Account Number 00-10-01-000

1. A. J. Janata, Secretary
   - Total Salary: ZDY50 $10 250
2. H. E. Cunningham, Secretary, Emeritus
   - Total Salary: ZR
3. Nonacademic Salaries
   - Total, Salaries: 16 800
4. Wages
   - Total, Wages: 30 000
5. Expense
   - Total, Expense: 30 000
6. Equipment
   - Total, Equipment: 500

### Total, Wages, Expense, and Equipment

- Total, Board of Trustees: $58 850

## President's Office

<table>
<thead>
<tr>
<th>Account Number 00-10-02-000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. David D. Henry, President</td>
</tr>
<tr>
<td>- Total Salary: Y $36 000</td>
</tr>
<tr>
<td>2. Lloyd Morey, President, Emeritus</td>
</tr>
<tr>
<td>- Total Salary: ZR</td>
</tr>
<tr>
<td>3. Arthur Cutts Willard, President, Emeritus</td>
</tr>
<tr>
<td>- Total Salary: R</td>
</tr>
<tr>
<td>4. A. J. Janata, Executive Assistant to the President</td>
</tr>
<tr>
<td>- Total Salary: ZDY50 $10 250</td>
</tr>
<tr>
<td>5. George H. Bargh, Administrative Assistant</td>
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<tr>
<td>- Total Salary: ZDY 9 200</td>
</tr>
<tr>
<td>6. Joseph S. Begando, Assistant to the President</td>
</tr>
<tr>
<td>- Total Salary: DY 16 000</td>
</tr>
<tr>
<td>7. Eunice C. Parker, Research Associate</td>
</tr>
<tr>
<td>- Total Salary: DY60 5 500</td>
</tr>
<tr>
<td>8. W. H. Rice, Administrative Assistant</td>
</tr>
<tr>
<td>- Total Salary: ZDY</td>
</tr>
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### Nonacademic Salaries

- Total, Salaries: 55 290

### Wages

- Total, Wages: 132 240

### Program Costs — President's Office

- Total, Program Costs: $163 240

## Indirect Costs — President's Office

<table>
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<th>Account Number 40-10-02-000</th>
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</thead>
<tbody>
<tr>
<td>Nonacademic Salaries $3 420</td>
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<tr>
<td>Equipment 850</td>
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### Total, Indirect Costs — President's Office

- Total, Indirect Costs: $4 270
Vice-President and Provost's Office

Account Number 00-10-04-000
1. Gordon N. Ray, Vice-President and Provost .................. ZBY $ 24,500
2. Henning Larsen, Vice-President and Provost, Emeritus ZR ..... 
3. Royden Dangerfield, Associate Provost and Dean of Administration. ZBY $ 20,000
Nonacademic Salaries ........................................... 18,600
Total, Salaries .................................................. (63,100)
Wages .................................................................. 500
Expense .............................................................. 8,000
Expense, Community Problems .................................. 6,300
Convention Travel .................................................. 500
Equipment ................................................................ 300
Total, Wages, Expense, and Equipment ....................... (15,600)
Total, Vice-President and Provost's Office ................... $ 78,700

Vice-President and Comptroller's Office

Account Number 00-10-06-000
1. Herbert O. Farber, Vice-President and Comptroller ...... DY $ 22,500
(Includes Service to the Retirement System)
2. Morris S. Keeler, Assistant Comptroller .................. DY $ 12,000
Nonacademic Salaries ............................................. 38,140
Total, Salaries ................................................... (72,640)
Wages .................................................................. 1,500
Expense .............................................................. 14,300
Convention Travel .................................................. 300
Equipment ................................................................ 1,300
Total, Wages, Expense, and Equipment ....................... (17,400)
Total, Vice-President and Comptroller's Office ........... $ 90,040

Auxiliary — Hospital Insurance Administration

Account Number 18-10-06-701
Nonacademic Salaries .............................................. $ 18,200
Total, Salaries ..................................................... (18,200)
Wages .................................................................. 300
Expense .................................................................. 9,000
Premiums, Staff ...................................................... 19,000
Premiums, Student .................................................. 300,000
Total, Wages, Expense, and Equipment ....................... (499,300)
Total, Auxiliary — Hospital Insurance Administration $517,500

Accounting Division

Account Number 00-10-08-000
1. Lyle M. Dahlenburg, Chief Accountant ..................... DY $ 13,200
2. C. H. Pratt, Chief Accountant, Emeritus .................. R $ 95,040
Nonacademic Salaries .............................................. (108,240)
Wages .................................................................. 2,200
Expense .............................................................. 12,900
Equipment ........................................................... 500
Total, Wages, Expense, and Equipment ....................... (15,600)
Total, Accounting Division ...................................... $123,840

INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000
Nonacademic Salaries .............................................. $ 17,010
Expense .............................................................. 1,800
Total, Indirect Costs — Accounting Division .............. $ 18,810

Auditing Division

Account Number 00-10-09-000
1. , Auditor ....................................................... DY $ 11,600
2. S. C. Smith, Auditor, Emeritus ............................. R $ 11,600
Nonacademic Salaries ........................................ 59,600
Total, Salaries ............................................ (71,200)
Wages ................................................................. 6,800
Expense ............................................................... 2,000
Expense, microfilm ........................................... (7,000)
Equipment ............................................................ 500
Total, Wages, Expense, and Equipment ......................... (9,300)
Total, Auditing Division .................................... $80,500

Indirect Costs — Auditing Division
Account Number 40-10-09-000
Nonacademic Salaries ........................................... $9,840
Expense ............................................................... 1,300
Total, Indirect Costs — Auditing Division ....................... $11,140

Bursar’s Division
Account Number 00-10-10-000
1. C. C. DeLong, Bursar ....................................... ZDY $14,500
Nonacademic Salaries ........................................... 104,470
Total, Salaries .................................................. (118,970)
Wages ................................................................. 4,700
Expense ............................................................... 25,700
Equipment ............................................................ 800
Total, Wages, Expense, and Equipment ......................... (31,200)
Total, Bursar’s Division ...................................... $150,170

Indirect Costs — Bursar’s Division
Account Number 40-10-10-000
Nonacademic Salaries ........................................... $41,190
Expense ............................................................... 8,000
Total, Indirect Costs — Bursar’s Division ....................... $49,190

Purchasing Division
Account Number 00-10-11-000
1. James E. Osborn, Director of Purchases ...................... DY $12,200
2. H. M. Edwards, Director of Purchases, Emeritus ......................... ZR
Nonacademic Salaries ........................................... 126,158
Total, Salaries .................................................. (138,358)
Wages ................................................................. 1,000
Expense ............................................................... 14,900
Equipment ............................................................ 500
Total, Wages, Expense, and Equipment ......................... (16,400)
Total, Purchasing Division ................................ $154,758

Indirect Costs — Purchasing Division
Account Number 40-10-11-000
Nonacademic Salaries ........................................... $35,978
Expense ............................................................... 3,600
Total, Indirect Costs — Purchasing Division ....................... $38,678

Admissions and Records
Account Number 00-10-13-000
1. C. W. Sanford, Dean of Admissions and Records ............ ZBY $19,500
2. George P. Tuttle, Director, Emeritus ......................... R
3. D. A. Grossman, Director of Undergraduate Scholarship Program .................. ZDY $6,750
   (Total Salary) ................................................... (13,500)
4. E. C. Seyler, Associate Dean ................................. DY $14,950
5. L. B. Fisher, Coordinator of School and University Articulation .................. ZDY $5,825
   (Total Salary) ................................................... (11,650)
6. E. T. Sanford, Coordinator of Veterans’ Educational Benefits ................ DY $8,500
<table>
<thead>
<tr>
<th>Account Number</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>(Total Salary)</th>
<th>Wages</th>
<th>Expense</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Admissions and Records</th>
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<tr>
<td>40-10-13-000</td>
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<td>$1700</td>
<td>$500</td>
<td>$18500</td>
<td>$82530</td>
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Nonacademic Personnel

Account Number 00-10-16-000

1. Donald E. Dickason, Director.......................... BY 75 $12,750
   (Also paid $4,250 by Merit Board)
2. Robert E. Hartz, Associate Director................... DY 13,100

Nonacademic Salaries ........................................... 73,890
Total, Salaries .................................................. (99,740)
Wages ............................................................... 2,100
Expense ........................................................... 10,300
Convention Travel ................................................. 200
Equipment ......................................................... 1,500
Total, Wages, Expense, and Equipment ..................... (14,100)
Total, Nonacademic Personnel ............................... $113,840

Nonacademic Free Budget Balances

Account Number 00-10-16-910

Nonacademic Salaries ............................................ $135,000
Total, Nonacademic Free Budget Balances .................... $135,000

Indirect Costs — Nonacademic Personnel

Account Number 40-10-16-000

Nonacademic Salaries ............................................ $3,300
Expense ........................................................... 400
Total, Indirect Costs — Nonacademic Personnel ............ $3,700

Public Information

Account Number 00-10-18-000

1. Charles E. Flynn, Director.............................. BY $16,500
2. Josef F. Wright, Director, Emeritus ...................... ZR
3. W. Scott Tyler, Editor of Alumni News .................. DY 9,500
4. 1.00 Full Time Equivalent Assistants .................... E 3,700
Nonacademic Salaries ........................................... 39,700
Total, Salaries .................................................. (69,400)
Wages ............................................................... 200
Expense ........................................................... 17,000
Convention Travel ................................................. 200
Equipment ......................................................... 500
Total, Wages, Expense, and Equipment ..................... (17,900)
Total, Public Information ..................................... $87,300

Dean of Students

Account Number 00-10-20-000

1. Fred H. Turner, Dean of Students....................... BY $17,000
2. E. E. Stafford, Associate Dean of Students............ BY 12,000
3. Arthur Hamilton, Assistant Dean of Foreign Students, Emeritus

4. John R. Griffin, Assistant Dean of Students............ ZDY 4,000
   (Total Salary) ............................................... (8,000)
5. V. J. Hampton, Assistant Dean of Students............. DY 9,800
6. Robert A. Schuiteman, Assistant Dean of Foreign Students
   7. Calvin S. Sifferd, Assistant Dean of Students........ ZDY 4,150
   (Total Salary) ............................................... (8,300)
Nonacademic Salaries ........................................... 30,480
Total, Salaries .................................................. (85,930)
Wages, General .................................................. 3,100
Wages, Freshman Week ........................................... 350
Wages, Foreign Students ....................................... 700
Wages, Student Activities ...................................... 750
Wages, Student Employment ................................... 4,300
Expense, General ............................................... 2,600
Expense, Freshman Week ...................................... 3,900
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<th>Expense, Foreign Students</th>
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<td>Contingency</td>
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<tr>
<td>Convention Travel</td>
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<td>Equipment, General</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Dean of Students — General</strong></td>
<td><strong>$109,440</strong></td>
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### Dean of Men

Account Number 00-10-21-000

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. Carl W. Knox, Dean of Men</td>
<td>$12,750</td>
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<tr>
<td>2. Robert W. Culp, Assistant Dean of Men</td>
<td>6,800</td>
</tr>
<tr>
<td>3. Eldon E. Park, Assistant Dean of Men</td>
<td>5,000</td>
</tr>
<tr>
<td>4. Charles E. Warwick, Assistant Dean of Men</td>
<td>6,000</td>
</tr>
</tbody>
</table>

Nonacademic Salaries: 8,490

| Total, Salaries | (39,040) |
| Wages | 8,600 |
| Expense | 4,700 |
| Equipment | 800 |
| **Total, Wages, Expense, and Equipment** | (14,100) |
| **Total, Dean of Men** | **$53,140** |

### Dean of Women

Account Number 00-10-22-000

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. Miriam A. Shelden, Dean of Women</td>
<td>$12,750</td>
</tr>
<tr>
<td>2. Maria Leonard, Dean of Women, Emerita</td>
<td>...</td>
</tr>
<tr>
<td>3. K. Patricia Cross, Associate Dean of Women</td>
<td>5,800</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(8,050)</td>
</tr>
<tr>
<td>(Includes full time in summer)</td>
<td></td>
</tr>
<tr>
<td>4. Eunice M. Dowse, Assistant Dean of Women</td>
<td>8,300</td>
</tr>
<tr>
<td>5. Mary E. Harrison, Assistant Dean of Women</td>
<td>6,200</td>
</tr>
<tr>
<td>6. Ann J. McNamara, Assistant Dean of Women</td>
<td>6,000</td>
</tr>
<tr>
<td>7. Mary E. Garrard, House Director of Gamma House</td>
<td>650</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(1,900)</td>
</tr>
<tr>
<td>(Ten months from September 1, 1959)</td>
<td></td>
</tr>
<tr>
<td>8. Ruth C. Anderson, House Director of Beta House</td>
<td>650</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(1,900)</td>
</tr>
<tr>
<td>(Ten months from September 1, 1959)</td>
<td></td>
</tr>
<tr>
<td>9. Mae Real, House Director of Alpha House</td>
<td>650</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(1,900)</td>
</tr>
<tr>
<td>(Ten months from September 1, 1959)</td>
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</tr>
<tr>
<td>10. 1.00 Full Time Equivalent Assistants</td>
<td>3,800</td>
</tr>
<tr>
<td>11. Summer Assistants</td>
<td>800</td>
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<tr>
<td>Nonacademic Salaries</td>
<td>23,490</td>
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<td><strong>Total, Salaries</strong></td>
<td>(69,090)</td>
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<tr>
<td>Wages</td>
<td>4,800</td>
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<tr>
<td>Expense</td>
<td>5,400</td>
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<tr>
<td>Equipment</td>
<td>600</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>(10,800)</td>
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<td><strong>Total, Dean of Women</strong></td>
<td><strong>$79,890</strong></td>
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### Housing Division

Account Number 00-10-24-000

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. V. L. Kretschmer, Director of Illini Union and of Housing Division</td>
<td>$7,750</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(15,500)</td>
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<tr>
<td>Nonacademic Salaries</td>
<td>29,100</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td>(38,850)</td>
</tr>
<tr>
<td>Wages</td>
<td>1,100</td>
</tr>
<tr>
<td>Expense</td>
<td>3,350</td>
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</tbody>
</table>
Equipment ................................................. 250
Total, Wages, Expense, and Equipment .................. (4,700)
Total, Housing Division .................................... $ 41,550

Coordinating Placement Office
Account Number 00-10-26-000
1. G. W. Peck, Coordinating Placement Officer ....... BY $ 11,500
2. John R. Griffin, Assistant Coordinating Placement
   Officer .............................................. ZDY 4,000
   (Total Salary) ..................................... (8,000)
3. Robert S. Holty, Chicago Coordinating Placement
   Officer ............................................. DY 10,500
Nonacademic Salaries ..................................... 8,700
Total, Salaries ........................................... (34,700)
Wages ....................................................... 2,600
Expense .................................................. 4,000
Equipment ................................................ 500
Total, Wages, Expense, and Equipment .................. (7,100)
Total, Coordinating Placement Office .................... $ 41,800

Security Office
Account Number 00-10-28-000
1. William T. Morgan, Security Officer ............... DY $ 10,400
2. Max A. Irvin, Assistant Security Officer .......... DY 9,200
Nonacademic Salaries .................................... 27,075
Total, Salaries .......................................... (46,675)
Wages ....................................................... 4,500
Wages, Motor Vehicle Office ............................. 6,500
Expense .................................................. 6,500
Expense, Motor Vehicle Office ........................... 6,000
Equipment ................................................ 1,000
Total, Wages, Expense, and Equipment .................. (24,500)
Total, Security Office ................................... $ 71,175

Health Service
Account Number 00-10-30-000
1. Orville S. Walters, Director of Health Services ...... DY $ 18,500
   Lecturer in Psychiatry and Professor of Hygiene .... AY
2. Henry I. Teigler, Staff Physician in the Health Center
   and Professor of Hygiene ............................. AY 12,700
3. Marion D. Kinzie, Associate Director of Health Serv-
   ices; Associate Professor of Hygiene and Staff Physi-
   cian in the Health Center and McKinley Hospital .... {AY
   {BY 13,500
   2,000
4. Elmer W. Cavins, Associate Professor of Hygiene and
   Staff Physician in the Health Center and McKinley
   Hospital ................................................ {AY
   {BY 12,500
   2,000
5. Dorothy F. Dunn, Associate Professor of Hygiene and
   Public Health ......................................... A 8,000
6. G. F. Kolar, Dental Adviser, Oral Hygienist, and
   Associate Professor of Hygiene ........................ AY 9,700
7. L. D. Lewis, Staff Physician in the Health Center
   and Associate Professor of Hygiene .................... AY 12,500
8. May I. Millbrook, Staff Physician in the Health Center
   and Associate Professor of Hygiene .................... AY 10,800
9. Charles H. Nichols, Associate Professor of Hygiene and
   Staff Physician in the Health Center and McKinley
   Hospital ................................................ {AY
   {BY 12,500
   2,000
10. Jack Otis, Psychiatric Social Work Supervisor and
    Associate Professor of Hygiene ....................... A 8,700
11. Marjorie M. Smarzo, Staff Physician in the Health
    Center and Associate Professor of Hygiene .......... AY 10,800
12. ————, Psychologist and Assistant Professor of Mental Health ........................................... BY 9,500
13. Loren W. Akers, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital ........................................... 10,000
14. Robert B. Montgomery, Medical Adviser and Assistant Professor of Hygiene ................................. G .........
   (On disability leave without pay—University Retirement System)
15. Helen C. Sharp, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital ........................................... 10,000
16. Anthony J. Vinci, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital ........................................... 10,000
17. Robert W. Whitener, Psychiatrist and Assistant Professor of Mental Health ........................................... BY 14,200
18. ————, Staff Physician in the Health Center and McKinley Hospital ........................................... BY 10,500
19. ————, Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital ........................................... BY 10,500
20. ————, Psychiatrist and Assistant Professor of Mental Hygiene ........................................... BY 15,000
21. G. R. Blackstone, Associate, Emeritus ........................................... R .........
22. LeRoy L. Fatherree, Consultant ........................................... BY 25 5,000

Nonacademic Salaries ........................................... 84,690

Total, Salaries ........................................... (324,657)
Wages, General ........................................... 14,600
Wages, Chest X-ray ........................................... 4,000
Expense, General ........................................... 10,650
Expense, Chest X-ray ........................................... 4,000
Convention Travel ........................................... 1,250
Equipment ........................................... 1,700

Total, Wages, Expense, and Equipment ........................................... (42,200)
Total, Health Service ........................................... $366,857

McKinley Hospital Support
Account Number 00-10-31-000
Expense ........................................... $ 40,000
Total, McKinley Hospital Support ........................................... $ 40,000

Auxiliary — McKinley Hospital
Account Number 18-10-31-720
Nonacademic Salaries ........................................... $150,819
Total, Salaries ........................................... (150,819)
Wages ........................................... 10,000
Expense ........................................... 30,500
Total, Wages, Expense, and Equipment ........................................... (40,500)
Total, Auxiliary—McKinley Hospital ........................................... $191,319

Provost's Office

Student Counseling Service
Account Number 00-10-34-000
1. William M. Gilbert, Director ........................................... ZBY $ 13,700
2. John A. Henry, Counselor ........................................... ZD25 2,400
   (Total Salary) ........................................... (9,600)
   (On leave without pay first semester 1959-60)
3. Paul S. Pettinga, Counselor ........................................... ZD25 2,450
   (Total Salary) ........................................... (9,800)
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<tr>
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<th>Name</th>
<th>Salary (in $)</th>
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<tbody>
<tr>
<td>Associate Director</td>
<td>Thomas N. Ewing</td>
<td>11,600</td>
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<tr>
<td>Counselor</td>
<td>Frank Costin</td>
<td>4,050</td>
</tr>
<tr>
<td>Counselor</td>
<td>Alice K. Jonietz</td>
<td>9,450</td>
</tr>
<tr>
<td>Clinical Counselor</td>
<td>Robert P. Larsen</td>
<td>7,050</td>
</tr>
<tr>
<td>Clinical Counselor</td>
<td>Louis C. Ate, Jr.</td>
<td>8,000</td>
</tr>
<tr>
<td>Clinical Counselor and Supervisor of</td>
<td>James F. Kamman</td>
<td>9,200</td>
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<tr>
<td>Testing</td>
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<tr>
<td>Counselor</td>
<td>Robert C. Pugh</td>
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<td>Counselor</td>
<td>Pearl Schroeder</td>
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<td>Clinical Counselor</td>
<td>Morton Wagman</td>
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<tr>
<td>Clinical Counselor</td>
<td>Joan C. Graham</td>
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<tr>
<td>Counselor</td>
<td>Claude Channapragada</td>
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<tr>
<td>Clinical Counselor</td>
<td>William Gerler</td>
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<tr>
<td>Clinical Counselor and Supervisor of</td>
<td>Boyd B. Jackson</td>
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<tr>
<td>Reading and Study Programs</td>
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<tr>
<td>Clinical Counselor</td>
<td>John C. Langdon</td>
<td>6,600</td>
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<tr>
<td>Assistant Supervisor of Reading</td>
<td>Richard S. Seaman</td>
<td>3,850</td>
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<td>(Effective September 1, 1959, through May 31, 1960)</td>
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<tr>
<td>Clinical Counselor</td>
<td>Miriam Sperber</td>
<td>7,050</td>
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<td>(Total Salary)</td>
<td>Edward H. Heath</td>
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<td>4.00 Full Time Equivalent Assistants</td>
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**Bureau of Institutional Research**

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<tr>
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<th>Name</th>
<th>Salary (in $)</th>
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<tbody>
<tr>
<td>Director</td>
<td>Edward F. Potthoff</td>
<td>11,480</td>
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<tr>
<td>(Total Salary)</td>
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<td>(15,000)</td>
</tr>
<tr>
<td>Assistant Director</td>
<td>G. J. Froehlich</td>
<td>10,000</td>
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<tr>
<td>With rank of Associate Professor</td>
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<td></td>
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<tr>
<td>Administrative Assistant</td>
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<td>2,900</td>
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<tr>
<td>Nonacademic Salaries</td>
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<td>22,560</td>
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<td>1,200</td>
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<td>4,600</td>
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<td>6,300</td>
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<td>Total, Bureau of Institutional Research</td>
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<td>$53,240</td>
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**Statistical Service Unit**

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<tr>
<th>Position</th>
<th>Name</th>
<th>Salary (in $)</th>
</tr>
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<tbody>
<tr>
<td>Director</td>
<td>John F. Chaney</td>
<td>13,500</td>
</tr>
<tr>
<td>With rank of Associate Professor</td>
<td></td>
<td>8,500</td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td></td>
<td>103,800</td>
</tr>
<tr>
<td>Total, Salaries</td>
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<td>125,800</td>
</tr>
<tr>
<td>Wages</td>
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<td>3,000</td>
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<tr>
<td>Expense</td>
<td></td>
<td>68,000</td>
</tr>
<tr>
<td>Total, Wages, Expense, and Equipment</td>
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<td>71,000</td>
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<tr>
<td>Total, Statistical Service Unit</td>
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<td>$196,800</td>
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**INDIRECT COSTS—STATISTICAL SERVICE UNIT**

Account Number 40-10-41-000

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<th>Amount</th>
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<tbody>
<tr>
<td>F. H. Flerchinger, Assistant Director for Research</td>
<td>DY</td>
<td>$9,700</td>
</tr>
<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>$17,670</td>
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<td><strong>Total, Salaries</strong></td>
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<td>(27,370)</td>
</tr>
<tr>
<td>Expense</td>
<td></td>
<td>2,700</td>
</tr>
<tr>
<td>Machine Rentals</td>
<td></td>
<td>10,000</td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(12,700)</td>
</tr>
<tr>
<td><strong>Total, Indirect Costs—Statistical Service Unit</strong></td>
<td></td>
<td><strong>$40,070</strong></td>
</tr>
</tbody>
</table>

**Courses and Curricula**

Account Number 00-10-42-000

<table>
<thead>
<tr>
<th>Description</th>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jessie Howard, Research Specialist with rank of Assistant Professor</td>
<td>ZB</td>
<td>$8,300</td>
</tr>
<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
<td>(8,300)</td>
</tr>
<tr>
<td>Wages</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td>Expense</td>
<td></td>
<td>100</td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(200)</td>
</tr>
<tr>
<td><strong>Total, Courses and Curricula</strong></td>
<td></td>
<td><strong>$8,500</strong></td>
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**Central Office on the Use of Space**

Account Number 00-10-43-000

<table>
<thead>
<tr>
<th>Description</th>
<th>Account</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Harlan D. Bareither, Director</td>
<td>ZBY73</td>
<td>$8,800</td>
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<tr>
<td><strong>Total Salary</strong></td>
<td></td>
<td>(12,000)</td>
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<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>7,200</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
<td>(16,200)</td>
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<tr>
<td>Wages</td>
<td></td>
<td>3,000</td>
</tr>
<tr>
<td>Expense</td>
<td></td>
<td>1,200</td>
</tr>
<tr>
<td>Equipment</td>
<td></td>
<td>300</td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(4,500)</td>
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<tr>
<td><strong>Total, Central Office on the Use of Space</strong></td>
<td></td>
<td><strong>$20,500</strong></td>
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**Instructional Television**

Account Number 00-10-45-000

<table>
<thead>
<tr>
<th>Description</th>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charles J. McIntyre, Coordinator with rank of Associate Professor</td>
<td>AY</td>
<td>$14,500</td>
</tr>
<tr>
<td>0.83 Full Time Equivalent Assistants</td>
<td></td>
<td>3,100</td>
</tr>
<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>2,100</td>
</tr>
<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
<td>(19,700)</td>
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<td>Wages</td>
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<td>180</td>
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<td>Expense</td>
<td></td>
<td>180</td>
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<tr>
<td>Equipment</td>
<td></td>
<td>300</td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(38,000)</td>
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<td><strong>Total, Instructional Television</strong></td>
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<td><strong>$38,000</strong></td>
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**University Honors Programs**

Account Number 00-10-47-000

<table>
<thead>
<tr>
<th>Description</th>
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<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert E. Johnson, Director</td>
<td>ZD37</td>
<td>$6,000</td>
</tr>
<tr>
<td><strong>Total Salary</strong></td>
<td></td>
<td>(16,100)</td>
</tr>
<tr>
<td>2. Jum C. Nunnally, Jr, Associate Director</td>
<td>ZDY38</td>
<td>3,750</td>
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<tr>
<td><strong>Total Salary</strong></td>
<td></td>
<td>(10,000)</td>
</tr>
<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>3,000</td>
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<tr>
<td><strong>Total, University Honors Programs</strong></td>
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**Alumni Relations and Records**

Account Number 00-10-50-000

<table>
<thead>
<tr>
<th>Description</th>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. E. Bowen, Executive Director</td>
<td>FY</td>
<td>($16,500)</td>
</tr>
<tr>
<td>(Effective July 1, 1959)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Salary paid by Alumni Association)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. W. H. Rice, Administrative Assistant</td>
<td>ZFY</td>
<td>(12,600)</td>
</tr>
<tr>
<td>(Effective July 1, 1959)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Salary paid by Alumni Association)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3. E. E. Vance, Director of Field Activities .............. FY (10 000)
   (Effective July 1, 1959)
   (Salary paid by Alumni Association)
Nonacademic Salaries ........................................... 33 120
   Total, Salaries ............................................ (33 120)
Wages ............................................................ 4 120
Expense .......................................................... 45 960
   Total, Wages, Expense, and Equipment .............. (50 080)
   Total, Alumni Relations and Records ................ $ 83 200

University of Illinois Foundation

Account Number 00-10-52-000
1. James C. Colvin, Executive Director ....................... FY $(15 000)
   (Effective July 1, 1959)
   (Salary paid by Foundation)
2. Charles Hendricks, Jr., Faculty Consultant ........... ZD12
   (Total Salary) ............................................ 1 125
   (Salary paid by Foundation)
Total, Salaries .................................................. (1 125)
Expense .......................................................... 42 625
Expense, Nonrecurring ......................................... (2 000)
   Total, Wages, Expense and Equipment .............. (42 625)
   Total, University of Illinois Foundation ........ $ 43 750

Illini Center

Account Number 00-10-53-000
Nonacademic Salaries ........................................... $ 9 510
   Total, Salaries ............................................ (9 510)
Expense .......................................................... 2 800
Rental ............................................................ 7 800
   Total, Wages, Expense, and Equipment .............. (10 700)
   Total, Illini Center .......................................... $ 20 210

Audit of University Accounts

Account Number 00-10-60-000
Expense .......................................................... $ 18 700
   Total, Audit of University Accounts ................ $ 18 700

Building Program Committee

Account Number 00-10-62-000
Nonacademic Salaries ........................................... $ 2 520
   Total, Salaries ............................................ (2 520)
Wages ............................................................ 100
Expense .......................................................... 325
   Total, Wages, Expense, and Equipment .............. (425)
   Total, Building Program Committee ................ $ 2 945

Citizens Committee

Account Number 00-10-64-000
1. George H. Bargh, Director ................................. ZDY
   Expense .......................................................... $ 5 500
   Total, Citizens Committee ................................ $ 5 500

Commencement

Account Number 00-10-66-000
Expense .......................................................... $ 23 000
   Total, Commencement ......................................... $ 23 000

Committee on Student English

Account Number 00-10-68-000
1. Jessie Howard, Executive Secretary ...................... ZB
   Nonacademic Salaries ........................................ $ 4 080
   Total, Salaries ............................................ (4 080)
<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expense</td>
<td>1,000</td>
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<tr>
<td>Equipment</td>
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</tr>
<tr>
<td>Total, Wages, Expense, and Equipment</td>
<td>(1,100)</td>
</tr>
<tr>
<td>Total, Committee on Student English</td>
<td>$5,180</td>
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<tr>
<td><strong>General Publications</strong></td>
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</tr>
<tr>
<td>Account Number 00-10-70-000</td>
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</tr>
<tr>
<td>Expense</td>
<td>$62,000</td>
</tr>
<tr>
<td>Total, General Publications</td>
<td>$62,000</td>
</tr>
<tr>
<td><strong>General University Lectures</strong></td>
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</tr>
<tr>
<td>General University Lectures</td>
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</tr>
<tr>
<td>Account Number 00-10-72-000</td>
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</tr>
<tr>
<td>General University Lectures</td>
<td>$9,000</td>
</tr>
<tr>
<td>Total, General University Lectures</td>
<td>$9,000</td>
</tr>
<tr>
<td><strong>Honors Day</strong></td>
<td></td>
</tr>
<tr>
<td>Account Number 00-10-76-000</td>
<td></td>
</tr>
<tr>
<td>Wages</td>
<td>$750</td>
</tr>
<tr>
<td>Expense</td>
<td>1,700</td>
</tr>
<tr>
<td>Equipment</td>
<td>400</td>
</tr>
<tr>
<td>Total, Honors Day</td>
<td>$2,850</td>
</tr>
<tr>
<td><strong>Incidental and Emergency</strong></td>
<td></td>
</tr>
<tr>
<td>Account Number 00-10-80-000</td>
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</tr>
<tr>
<td>Expense</td>
<td>$4,600</td>
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<tr>
<td>Total, Incidental and Emergency</td>
<td>$4,600</td>
</tr>
<tr>
<td><strong>Memberships in Organizations</strong></td>
<td></td>
</tr>
<tr>
<td>Account Number 00-10-81-000</td>
<td></td>
</tr>
<tr>
<td>American Council on Education</td>
<td>$300</td>
</tr>
<tr>
<td>Associated Midwest Universities</td>
<td>1,000</td>
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<tr>
<td>Association of American Universities</td>
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<tr>
<td>Association of Land Grant Colleges and Universities</td>
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<tr>
<td>Institute of International Education</td>
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<tr>
<td>International Association of Universities</td>
<td>300</td>
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<tr>
<td>National Association of State Universities</td>
<td>100</td>
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<tr>
<td>National Commission on Accrediting</td>
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</tr>
<tr>
<td>North Central Association of Colleges and Secondary Schools</td>
<td>335</td>
</tr>
<tr>
<td>Campus Business Men's Association</td>
<td>10</td>
</tr>
<tr>
<td>Champaign Chamber of Commerce</td>
<td>30</td>
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<tr>
<td>Urbana Association of Commerce</td>
<td>30</td>
</tr>
<tr>
<td>Total, Memberships in Organizations</td>
<td>$5,555</td>
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<tr>
<td><strong>Public Functions</strong></td>
<td></td>
</tr>
<tr>
<td>Account Number 00-10-82-000</td>
<td></td>
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<tr>
<td>Wages</td>
<td>$1,100</td>
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<tr>
<td>Expense</td>
<td>3350</td>
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<td>Total, Public Functions</td>
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<tr>
<td><strong>University Retirement System</strong></td>
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</tr>
<tr>
<td>Account Number 00-10-90-000</td>
<td></td>
</tr>
<tr>
<td>Expense for employer Contributions (special state appropriation)</td>
<td>$211,9350</td>
</tr>
<tr>
<td>Total, University Retirement System</td>
<td>$211,9350</td>
</tr>
<tr>
<td><strong>Retiring Allowances</strong></td>
<td></td>
</tr>
<tr>
<td>Account Number 00-10-92-000</td>
<td></td>
</tr>
<tr>
<td>Salaries paid as retiring allowances to persons retired prior to September, 1942</td>
<td>$27,371</td>
</tr>
<tr>
<td>Total, Retiring Allowances</td>
<td>$27,371</td>
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</table>
## Safety and Accident Compensation

Account Number 00-10-94-000

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonacademic Salaries</td>
<td>$ 19,930</td>
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<tr>
<td>Expense</td>
<td>42,000</td>
</tr>
<tr>
<td><strong>Total, Safety and Accident Compensation</strong></td>
<td><strong>$ 61,930</strong></td>
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</table>

## Death and Disability Benefits

Account Number 00-10-96-000

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages for replacement of nonacademic staff on extended disability leave</td>
<td>2,500</td>
</tr>
<tr>
<td>Expense for death benefits to persons retired before 1942 and nonparticipants in University Retirement System</td>
<td>4,000</td>
</tr>
<tr>
<td><strong>Total, Death and Disability Benefits</strong></td>
<td><strong>$ 6,500</strong></td>
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</table>

## COLLEGE OF AGRICULTURE

### General

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$ 77,100</td>
<td>$ 8,750</td>
<td>$ 85,850</td>
</tr>
<tr>
<td>Contingent</td>
<td></td>
<td>20,000</td>
<td>20,000</td>
</tr>
<tr>
<td>Convention Travel</td>
<td></td>
<td>11,800</td>
<td>11,800</td>
</tr>
<tr>
<td>Farm and Home Week</td>
<td></td>
<td>6,400</td>
<td>6,400</td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>108,045</td>
<td>2,370</td>
<td>110,415</td>
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<tr>
<td>Agricultural Engineering</td>
<td>75,585</td>
<td>6,539</td>
<td>82,115</td>
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<tr>
<td>Agronomy</td>
<td>120,450</td>
<td>11,500</td>
<td>131,950</td>
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<tr>
<td>Animal Science</td>
<td>162,510</td>
<td>41,750</td>
<td>204,260</td>
</tr>
<tr>
<td>Horticulture</td>
<td>1,875</td>
<td></td>
<td>1,875</td>
</tr>
<tr>
<td>Dairy Science</td>
<td>132,964</td>
<td>60,810</td>
<td>193,774</td>
</tr>
<tr>
<td>Food Technology</td>
<td>57,665</td>
<td>11,220</td>
<td>68,885</td>
</tr>
<tr>
<td>Forestry</td>
<td>54,540</td>
<td>8,025</td>
<td>62,565</td>
</tr>
<tr>
<td>Home Economics</td>
<td>256,470</td>
<td>41,340</td>
<td>297,810</td>
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<tr>
<td>Horticulture</td>
<td>72,110</td>
<td>8,580</td>
<td>80,690</td>
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<tr>
<td>Plant Pathology</td>
<td>29,215</td>
<td>3,650</td>
<td>32,865</td>
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<tr>
<td>Vocational Agriculture</td>
<td>49,645</td>
<td>5,530</td>
<td>55,175</td>
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<tr>
<td><strong>Total, Instruction</strong></td>
<td>(1,198,174)</td>
<td>(248,255)</td>
<td>(1,446,429)</td>
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### Organized Research

<table>
<thead>
<tr>
<th>Program</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>90,565</td>
<td>23,855</td>
<td>114,420</td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>154,062</td>
<td>14,454</td>
<td>168,516</td>
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<tr>
<td>Agricultural Engineering</td>
<td>110,428</td>
<td>11,020</td>
<td>121,448</td>
</tr>
<tr>
<td>Entomology</td>
<td>2,440</td>
<td>200</td>
<td>2,640</td>
</tr>
<tr>
<td>Agronomy</td>
<td>410,105</td>
<td>94,565</td>
<td>504,670</td>
</tr>
<tr>
<td>Animal Science</td>
<td>279,778</td>
<td>70,200</td>
<td>349,978</td>
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<tr>
<td>Dairy Science</td>
<td>212,478</td>
<td>71,750</td>
<td>284,228</td>
</tr>
<tr>
<td>Dixon Springs</td>
<td>150,730</td>
<td>91,240</td>
<td>241,970</td>
</tr>
<tr>
<td>Food Technology</td>
<td>132,585</td>
<td>22,080</td>
<td>154,665</td>
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<tr>
<td>Forestry</td>
<td>39,555</td>
<td>12,925</td>
<td>52,480</td>
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<tr>
<td>Home Economics</td>
<td>30,645</td>
<td>3,200</td>
<td>33,845</td>
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<tr>
<td>Horticulture</td>
<td>297,285</td>
<td>39,550</td>
<td>336,835</td>
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<tr>
<td>Plant Pathology</td>
<td>83,125</td>
<td>6,490</td>
<td>89,615</td>
</tr>
<tr>
<td>Veterinary Research</td>
<td>69,425</td>
<td>28,755</td>
<td>98,180</td>
</tr>
<tr>
<td><strong>Total, Organized Research</strong></td>
<td>(2,079,209)</td>
<td>(490,844)</td>
<td>(2,570,053)</td>
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</table>

### Extension and Public Services

<table>
<thead>
<tr>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>201,180</td>
<td>38,540</td>
<td>239,720</td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>55,585</td>
<td></td>
<td>55,585</td>
</tr>
<tr>
<td>Agricultural Engineering</td>
<td>24,990</td>
<td></td>
<td>24,990</td>
</tr>
<tr>
<td>Entomology</td>
<td>12,060</td>
<td></td>
<td>12,060</td>
</tr>
<tr>
<td>Agronomy</td>
<td>50,220</td>
<td></td>
<td>50,220</td>
</tr>
<tr>
<td>Animal Science</td>
<td>30,845</td>
<td></td>
<td>30,845</td>
</tr>
<tr>
<td>County Farm Extension</td>
<td>790,845</td>
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<tr>
<td>County Home Extension</td>
<td>529,160</td>
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<tr>
<td>Dairy Science</td>
<td>25,315</td>
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<td>25,315</td>
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</tbody>
</table>
### General (Concluded)

<table>
<thead>
<tr>
<th>Program</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dixon Springs</td>
<td>13,285</td>
<td>13,285</td>
<td></td>
</tr>
<tr>
<td>Forestry</td>
<td>23,520</td>
<td>23,520</td>
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<tr>
<td>Home Economics</td>
<td>45,665</td>
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</tr>
<tr>
<td>Horticulture</td>
<td>26,025</td>
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<tr>
<td>Plant Pathology Extension</td>
<td>4,850</td>
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<tr>
<td>Veterinary Extension</td>
<td>7,020</td>
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</tr>
<tr>
<td><strong>Total, Extension and Public Services</strong></td>
<td>(1840,565)</td>
<td>(38,540) (1879,103)</td>
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<tr>
<td><strong>Total, General</strong></td>
<td>$5,117,948</td>
<td>$777,639 $895,587</td>
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### Restricted

<table>
<thead>
<tr>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td><strong>Instruction</strong></td>
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<tr>
<td>Estimated Endowment Income</td>
<td>$3,300</td>
<td>$300 $300</td>
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<tr>
<td>Estimated U.S. Contracts</td>
<td></td>
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<tr>
<td><strong>Total, Instruction</strong></td>
<td>(3,300)</td>
<td>(2,000) (5,300)</td>
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<tr>
<td><strong>Organized Activities Relating to Instruction</strong></td>
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<td></td>
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<tr>
<td>Home Economics Cafeteria Revolving</td>
<td>10,680</td>
<td>22,500 33,180</td>
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<td>Vocational Agriculture Revolving</td>
<td>4,020</td>
<td>25,000 29,020</td>
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<tr>
<td><strong>Total, Organized Activities Relating to Instruction</strong></td>
<td>(14,700)</td>
<td>(47,500) (62,200)</td>
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<td><strong>Organized Research</strong></td>
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<tr>
<td>Estimated Indirect Costs</td>
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<td>7,500 7,500</td>
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<td>Federal Research — Hatch Fund</td>
<td>349,457</td>
<td>340,713 690,170</td>
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<td>Federal Research — Regional Research Fund</td>
<td>66,485</td>
<td>91,690 158,175</td>
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<td>Agricultural Departmental Revolving</td>
<td>10,922</td>
<td>63,000 73,922</td>
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<td>Joliet Field Revolving</td>
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<td>6,800 6,800</td>
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<td>Agricultural Publications Revolving</td>
<td>4,950</td>
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<td>10,140 20,280</td>
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<td>Farm Accounting Revolving</td>
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<tr>
<td>Agricultural Engineering Income Revolving</td>
<td>6,600</td>
<td>10,000 16,600</td>
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<td>Corn Testing Revolving</td>
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<tr>
<td>Central Illinois Seed Increase Revolving</td>
<td>3,500</td>
<td>2,500 3,500</td>
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<tr>
<td>Northern Illinois Experiment Field Revolving</td>
<td>2,500</td>
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<tr>
<td>Dairy Official Testing Revolving</td>
<td>19,056</td>
<td>9,650 28,706</td>
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<tr>
<td>Agricultural Horticulture Horseradish Research</td>
<td></td>
<td>5,000 5,000</td>
<td></td>
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<tr>
<td>Federal Research — Agricultural Marketing Act Title II</td>
<td>3,600</td>
<td>2,550 6,150</td>
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<tr>
<td>Estimated Private Gifts</td>
<td>150,000</td>
<td>100,000 250,000</td>
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<td>Estimated U.S. Contracts</td>
<td>180,000</td>
<td>60,000 240,000</td>
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<td><strong>Total, Organized Research</strong></td>
<td>(801,210)</td>
<td>(933,343) (1,734,553)</td>
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### Extension and Public Services

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<tr>
<th>Program</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tr>
<td>Federal Extension — Research and Marketing Fund</td>
<td>23,900</td>
<td>5,000 28,900</td>
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<tr>
<td>Federal Extension — Smith-Lever Fund</td>
<td>843,390</td>
<td>738,992 1,582,382</td>
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<td>Soil Testing Revolving</td>
<td>3,500</td>
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<td>Estimated Endowment Income</td>
<td>36,680</td>
<td>24,350 61,030</td>
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<td>Estimated Private Gifts</td>
<td>590,000</td>
<td>725,000 1,315,000</td>
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<td>Estimated U.S. Contracts</td>
<td>4,600</td>
<td>4,600</td>
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<td><strong>Total, Extension and Public Services</strong></td>
<td>(1,408,540)</td>
<td>(1,496,842) (2,905,382)</td>
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### Auxiliary Enterprises

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<tr>
<th>Program</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<tr>
<td>Grein Farm Operation</td>
<td>6,900</td>
<td>6,900</td>
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<tr>
<td>4-H Memorial Camp Operations</td>
<td>4,380</td>
<td>35,500 39,880</td>
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<td><strong>Total, Auxiliary Enterprises</strong></td>
<td>(4,380)</td>
<td>(42,400) (46,780)</td>
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<tr>
<td><strong>Total, Restricted</strong></td>
<td>$2,232,130</td>
<td>$2,522,085 $4,754,215</td>
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## Estimated Income from Sales for the General Budget

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<th>Department</th>
<th>1958-59</th>
<th>1959-60</th>
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<td>Agricultural Engineering</td>
<td>$3,000</td>
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<tr>
<td>Agronomy</td>
<td>19,000</td>
<td>14,000</td>
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<tr>
<td>Animal Science</td>
<td>109,000</td>
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<tr>
<td>Dairy Science</td>
<td>54,000</td>
<td>54,000</td>
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<tr>
<td>Dixon Springs</td>
<td>43,000</td>
<td>45,000</td>
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<tr>
<td>Food Technology</td>
<td>1,500</td>
<td>1,500</td>
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<tr>
<td>Horticulture</td>
<td>8,000</td>
<td>8,000</td>
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<tr>
<td>Veterinary Research</td>
<td>2,000</td>
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<tr>
<td><strong>Total</strong></td>
<td>$242,000</td>
<td>$124,500</td>
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</table>

Agricultural Income realized over estimate and reserved for the use of the College of Agriculture may be assigned, upon recommendation of the Dean of the College of Agriculture and approval of the Vice-President and Comptroller, to the department earning such income. If income of $124,500 is not realized, appropriations to departments will be reduced accordingly.

### Fund Code

The following code letters are used in the Agriculture budget at the left of the tenure symbol to indicate the fund:

- **State, revolving and trust accounts:**
  - C — College
  - S — Station
  - E — Extension

- **Federal Funds, Station:**
  - H — Hatch
  - R — Regional Research
  - T — Agricultural Marketing Title II

- **Federal Funds, Extension:**
  - K — Research and Marketing Extension
  - L — Smith-Lever

### Administration

Account Number 00-15-01-100; College 00-15-01-100; Station 00-15-01-300; Extension 00-15-01-400

1. Louis B. Howard, Dean of the College, Director of Station and Extension Service...
   - C-ZBY34 $7,340
   - S-ZBY33 7,330
   - L-ZBY33 (7,330)
   - (Total Salary) $22,000

2. J. C. Blair, Dean, Director and Professor, Emeritus...
   - C-RA

3. Robert R. Hudelson, Dean, Director and Professor of Agricultural Economics, Emeritus...
   - C-R

4. W. E. Carroll, Associate Director and Professor, Emeritus...
   - S-R

5. Karl E. Gardner, Associate Dean of College...
   - C-ZBY14 000

6. Tom S. Hamilton, Associate Director of Station...
   - S-ZBY17 850

7. W. G. Kammlade, Associate Director of Extension Service and Professor of Agricultural Extension...
   - E-ZAY55 9,900
   - L-ZBY45 (8,100)
   - (Total Salary) $18,000

8. J. C. Spitler, Associate Director and Professor, Emeritus...
   - E-R
   - C-ZBY20 2,160
   - L-ZBY40 4,320

9. H. W. Bean, Assistant Director of Extension Service...
   - E-ZBY40 4,320

10. Cecil Dale Smith, Assistant Dean of College with rank of Associate Professor...
    - C-BY 11,000

11. Warren K. Wessels, Assistant to Dean of College with rank of Assistant Professor...
    - C-DY25 1,840
    - S-DY75 5,310
    - (Total Salary) $7,350

12. Anna C. Glover, Editor with rank of Associate Professor, Emeritus...
    - S-R

---

\[1\] Changed to Revolving Account basis.
<table>
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<tr>
<th>No.</th>
<th>Name and Position</th>
<th>Rank</th>
<th>Salary</th>
<th>Total Salary</th>
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<td>13.</td>
<td>A. W. Janes, Editor with rank of Associate Professor in Agriculture</td>
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<td>7350</td>
<td>10850</td>
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<td>14.</td>
<td>Hadley Read, Extension Editor and Associate Professor of Agricultural Extension</td>
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<td>7700</td>
<td>10850</td>
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<td>15.</td>
<td>John H. Behrens, Assistant Extension Editor with rank of Assistant Professor</td>
<td>4725</td>
<td>4075</td>
<td>7100</td>
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<td>16.</td>
<td>Owen F. Glissendorf, Assistant Professor of Agricultural Communications</td>
<td></td>
<td>4250</td>
<td>5700</td>
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<tr>
<td>17.</td>
<td>Harold D. Guither, Assistant Extension Editor and Assistant Professor of Agricultural Extension</td>
<td>2610</td>
<td>2610</td>
<td>5220</td>
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<td>18.</td>
<td>Jessie E. Heathman, Assistant Extension Editor and Assistant Professor of Home Economics Extension</td>
<td>2580</td>
<td>2580</td>
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<td>19.</td>
<td>Robert A. Jarnagin, Assistant Extension Editor and Assistant Professor of Agricultural Extension</td>
<td>4300</td>
<td>4300</td>
<td>8600</td>
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<td>20.</td>
<td>Margery E. Suhre, Assistant Editor with rank of Assistant Professor in Agriculture</td>
<td>6700</td>
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<td>21.</td>
<td>, Head of Agricultural Communications</td>
<td>4255</td>
<td>4255</td>
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<td>22.</td>
<td>Jack C. Everly, Assistant Extension Editor and Instructor in Agricultural Extension</td>
<td>2840</td>
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<td>5680</td>
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<td>23.</td>
<td>Jon F. Greineisen, Assistant Extension Editor with rank of Instructor in Agriculture</td>
<td>1100</td>
<td>1100</td>
<td>2200</td>
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<td>24.</td>
<td>Charles J. Isoline, Assistant Editor with rank of Instructor in Agriculture</td>
<td>2195</td>
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<td>4390</td>
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<td>25.</td>
<td>Margaret McGlothlin, Assistant Editor with rank of Instructor in Agriculture</td>
<td>3200</td>
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<td>6400</td>
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<td>26.</td>
<td>Richard G. Moore, Assistant Editor with rank of Instructor in Agriculture</td>
<td>6300</td>
<td>6300</td>
<td>12600</td>
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<td>27.</td>
<td></td>
<td></td>
<td>5900</td>
<td>11800</td>
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<td>28.</td>
<td>Louise G. Jones, Assistant Editor with rank of Assistant Professor in Agriculture</td>
<td>1100</td>
<td>1100</td>
<td>2200</td>
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<td>29.</td>
<td>Gene Morokoff, Assistant Editor with rank of Assistant Professor in Agriculture</td>
<td>1300</td>
<td>1300</td>
<td>2600</td>
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<td>30.</td>
<td>0.38 Full Time Equivalent Assistants</td>
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**Nonacademic Salaries**

- C 32 040
- S 38 400
- E 121 380

**Total, Salaries**

- C 1 450
- C 1 600
- S 885
- E 8 540
- C 4 700
- C 6 400
- S 20 970
- E 26 000
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<tr>
<td>Convention Travel</td>
<td>C</td>
<td>11 800</td>
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<tr>
<td>Nonrecurring Unassigned</td>
<td>C</td>
<td>7 000</td>
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<tr>
<td>Equipment</td>
<td>C</td>
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<tr>
<td>Equipment</td>
<td>S</td>
<td>2 000</td>
</tr>
<tr>
<td>Equipment</td>
<td>E</td>
<td>4 000</td>
</tr>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Administration — College</strong></td>
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<td>$478 190</td>
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### Agricultural Departmental Revolving

Account Number 12-15-01-316

- Fay M. Sims, Research Assistant in Agricultural Economics
  - Total Salary: $3,500
  - Nonacademic Salaries: $7,422
  - Wages: $6,000
  - Expense: $56,000
  - Equipment: $1,000
  - **Total, Wages, Expense, and Equipment**: $73,922

### Joliet Field Revolving

Account Number 12-15-01-342

- Wages: $6,800
  - **Total, Joliet Field Revolving**: $6,800

### Agricultural Publications Revolving

Account Number 12-15-01-366

- Expense: $16,100
  - **Total, Agricultural Publications Revolving**: $16,100

### Agricultural Sales Revolving

Account Number 12-15-01-378

- Nonacademic Salaries: $4,950
  - **Total, Salaries**: $17,750
  - Wages: $7,000
  - Expense: $74,000
  - Equipment: $500
  - **Total, Wages, Expense, and Equipment**: $72,200
  - **Total, Agricultural Sales Revolving**: $82,150

### Auxiliary — Grein Farm Operation

Account Number 18-15-01-732

- Wages: $3,450
  - **Total, Auxiliary — Grein Farm Operation**: $3,450

### Robert Allerton Park

Account Number 44-15-01-401

- Fay H. Root, Assistant Professor of Camp and Park Management
  - Total Salary: $4,200
  - Nonacademic Salaries: $28,620
  - **Total, Salaries**: $32,820
  - Wages: $750
  - Expense: $12,630
  - Equipment: $4,800
  - **Total, Wages, Expense, and Equipment**: $18,180
  - **Total, Robert Allerton Park**: $51,000
Cooperative Investigations
VARIOUS DONORS — RESEARCH — RURAL ELECTRIFICATION
Account Number 44-15-01-387
1. Floyd L. Herum, Assistant Professor of Agricultural Engineering (Total Salary) S-ZDY40 $ 3,900 (7,600)

VARIOUS DONORS — EXTENSION — RURAL ELECTRIFICATION
Account Number 44-15-01-486
1. Floyd L. Herum, Assistant Professor of Agricultural Engineering E-ZDY60 $ 4,510

VARIOUS DONORS — URBAN 4-H CLUB WORK
Account Number 44-15-01-488
1. Lawrence J. Biever, Associate Professor of Agricultural 4-H Club Work (Total Salary) E-ZDY50 $ 4,900 (9,800)

Agricultural Economics
Account Number 00-15-05-100; College 00-15-05-100; Station 00-15-05-300; Extension 00-15-05-400
1. Harold G. Halcrow, Professor and Head of Department (Total Salary) C-A42 $ 7,140 S-A42 7,140 E-A16 2,720 (17,000)
2. J. B. Andrews, Professor, Emeritus C-A50 5,800 (11,600)
3. Chester B. Baker, Professor of Farm Management (Total Salary) C-A20 2,360 S-A60 7,890 E-A20 2,360 (11,800)
4. R. W. Bartlett, Professor (Total Salary) C-R 2,775 (11,800)
5. H. C. M. Case, Professor, Emeritus E-ZAY25 2,775 (11,100)
6. J. B. Cunningham, Professor of Farm Management (Total Salary) L-ZAY25 2,775 (11,100)
7. H. W. Hannah, Professor of Agricultural Law (Total Salary) S-A50 6,550 (13,100)
(Effective second semester 1959-60)
8. Thomas A. Hieronymus, Professor of Agricultural Marketing (Total Salary) C-A30 3,300 S-A30 3,300 E-A15 1,650 H-A25 2,750 (11,000)
9. G. L. Jordan, Professor (Total Salary) C-A35 5,005 S-A65 9,205 (14,300)
(On leave with pay six months from September 1, 1959)
10. George G. Judge, Professor (Total Salary) S-A47 6,550 H-A28 (3,850) T-A25 (3,600) (14,000)
11. Norman G. P. Krausz, Professor of Agricultural Law (Total Salary) C-A50 5,800 S-A50 5,800 (11,600)
12. D. E. Lindstrom, Professor of Rural Sociology (Total Salary) C-ZAY50 5,800 S-ZAY50 5,800 (11,600)
13. J. W. Lloyd, Professor, Emeritus C-R 2,750 (11,000)
14. M. L. Mosher, Professor, Emeritus C-R 2,750 (11,000)
15. Ralph J. Mutti, Professor of Agricultural Marketing (Total Salary) C-A25 2,750 S-A75 8,250 (11,000)
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<th>Salary Information</th>
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<td>Robert C. Ross, Professor</td>
<td>C-AY50 6 250 (Total Salary)</td>
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<td>S-AY50 6 250</td>
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<tr>
<td>17</td>
<td>L. H. Simerl, Professor</td>
<td>E-AY50 5 850 (Total Salary)</td>
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<td>L-AY50 5 750</td>
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<td>18</td>
<td>Charles L. Stewart, Professor Emeritus</td>
<td>C-AY50 7 480 (Total Salary)</td>
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<td>E-AY65 7 480</td>
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<td>Leslie F. Stice, Professor of Agricultural Marketing</td>
<td>K-AY25 2 870 (Total Salary)</td>
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<td>L-AY10 1 150</td>
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<td>20</td>
<td>Earl R. Swanson, Professor</td>
<td>C-AY50 5 800 (Total Salary)</td>
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<td>S-AY50 5 800</td>
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<tr>
<td>21</td>
<td>William N. Thompson, Professor of Farm Management</td>
<td>C-AY35 3 850 (Total Salary)</td>
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<td></td>
<td>S-AY65 7 150</td>
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<tr>
<td>22</td>
<td>Vincent I. West, Professor</td>
<td>C-AY30 3 300 (Total Salary)</td>
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<td>H-AY40 4 400</td>
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<tr>
<td>23</td>
<td>R. H. Wilcox, Professor Emeritus</td>
<td>S-AY50 5 750 (Total Salary)</td>
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<td>24</td>
<td>J. E. Wills, Professor of Farm Management</td>
<td>C-AY75 8 775 (Total Salary)</td>
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<td>S-AY25 3 325</td>
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<tr>
<td>25</td>
<td></td>
<td>(12 100)</td>
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<td>26</td>
<td>Alvin T. Anderson, Associate Professor</td>
<td>E-AY62 6 035 (Total Salary)</td>
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<td>L-AY38 3 765</td>
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<tr>
<td>27</td>
<td>Emer E. Broadbent, Associate Professor of Agricultural Marketing</td>
<td>C-AY60 6 315 (Total Salary)</td>
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<td>H-AY40 4 185</td>
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<td>W. D. Buddemeier, Associate Professor of Farm Management</td>
<td>C-AY50 5 250 (Total Salary)</td>
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<td></td>
<td>S-AY50 5 250</td>
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<td>29</td>
<td>George M. England, Associate Professor</td>
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<td>K-AY59 5 365</td>
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<tr>
<td>30</td>
<td>Clinton L. Folse, Associate Professor of Rural Sociology</td>
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<td>S-ZAY50 5 300</td>
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<td>31</td>
<td>R. A. Kelly, Associate Professor of Fruit and Vegetable Marketing</td>
<td>C-AY25 2 290 (Total Salary)</td>
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<td>H-AY75 6 860</td>
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<td>32</td>
<td>Allan G. Mueller, Associate Professor of Farm Management</td>
<td>C-AY33 3 950 (Total Salary)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>H-AY67 6 100</td>
</tr>
<tr>
<td>33</td>
<td>E. H. Regnier, Associate Professor</td>
<td>C-ZAY25 2 550 (Total Salary)</td>
</tr>
<tr>
<td></td>
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<td>(10 200)</td>
</tr>
<tr>
<td>34</td>
<td>Franklin J. Reiss, Associate Professor of Farm Management</td>
<td>E-AY65 6 325 (Total Salary)</td>
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<td>R-AY35 3 375</td>
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<td>35</td>
<td>Robert B. Schwart, Associate Professor of Farm Management</td>
<td>S-DY33 2 265 (Total Salary)</td>
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<td>L-DY67 6 185</td>
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<tr>
<td>36</td>
<td>George B. Whitman, Associate Professor of Farm Management</td>
<td>E-AY50 4 900 (Total Salary)</td>
</tr>
<tr>
<td></td>
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<td>L-AY50 4 900</td>
</tr>
<tr>
<td>37</td>
<td>Sheldon W. Williams, Associate Professor of Agricultural Marketing</td>
<td>R-AY25 2 550 (Total Salary)</td>
</tr>
<tr>
<td></td>
<td>(Also paid $7,350 by U.S. Department of Agriculture)</td>
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</tr>
<tr>
<td>38</td>
<td>John H. Herbst, Assistant Professor</td>
<td>C-ZBY50 4 400 (Total Salary)</td>
</tr>
<tr>
<td></td>
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<td>(8 800)</td>
</tr>
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</table>
39. Malcolm B. Kirtley, Assistant Professor of Agricultural Marketing. 
(Total Salary) 

<table>
<thead>
<tr>
<th>Name</th>
<th>Salary (E-BY)</th>
<th>Salary (K-BY)</th>
<th>Salary (H-BY)</th>
<th>Salary (L-BY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malcolm B. Kirtley</td>
<td>4,450</td>
<td>4,450</td>
<td>8,900</td>
<td>7,700</td>
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40. James R. Roush, Assistant Professor of Agricultural Marketing. 
(Total Salary) 

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<th>Salary (K-BY)</th>
<th>Salary (H-BY)</th>
<th>Salary (L-BY)</th>
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<tbody>
<tr>
<td>James R. Roush</td>
<td>1,925</td>
<td>3,855</td>
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41. Clarence Schumaier, Assistant Professor. 
(Total Salary) 

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<th>Salary (S-BY)</th>
<th>Salary (H-BY)</th>
<th>Salary (R-BY)</th>
<th>Salary (S-DY)</th>
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<tr>
<td>Clarence Schumaier</td>
<td>1,600</td>
<td>4,000</td>
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42. P. P. Somers, Assistant Professor of Dairy Science. 
(Total Salary) 

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<th>Salary (I-BY)</th>
<th>Salary (J-BY)</th>
<th>Salary (S-ZBY)</th>
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<tr>
<td>P. P. Somers</td>
<td>4,500</td>
<td>3,400</td>
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43. Delmar F. Wilken, Assistant Professor of Farm Management. 
(Total Salary) 

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<th>Salary (H-BY)</th>
<th>Salary (L-BY)</th>
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</thead>
<tbody>
<tr>
<td>Delmar F. Wilken</td>
<td>3,150</td>
<td>2,700</td>
<td>3,150</td>
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44. Donald J. Hunter, Research Associate. 
(Total Salary) 

<table>
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<tr>
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<th>Salary (S-DY)</th>
<th>Salary (H-DY)</th>
<th>Salary (S-ZDY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donald J. Hunter</td>
<td>4,320</td>
<td>2,880</td>
<td>3,500</td>
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45. Royce A. Hinton, Research Associate in Farm Management. 
(Total Salary) 

<table>
<thead>
<tr>
<th>Name</th>
<th>Salary (R-DY)</th>
<th>Salary (S-DY)</th>
<th>Salary (H-DY)</th>
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</thead>
<tbody>
<tr>
<td>Royce A. Hinton</td>
<td>7,700</td>
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<td>5,200</td>
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46. Ralph L. Forrest, Assistant. 
(Total Salary) 

<table>
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<th>Salary (S-ZDY)</th>
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<tr>
<td>Ralph L. Forrest</td>
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47. Fay M. Sims, Research Assistant. 
(Total Salary) 

<table>
<thead>
<tr>
<th>Name</th>
<th>Salary (C-E)</th>
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<tr>
<td>Fay M. Sims</td>
<td>1,000</td>
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48. 0.25 Full Time Equivalent Assistants. 
49. 1.40 Full Time Equivalent Assistants. 
50. 0.38 Full Time Equivalent Assistants. 
Nonacademic Salaries. 

<table>
<thead>
<tr>
<th>Name</th>
<th>Salary (C)</th>
<th>Salary (S)</th>
<th>Salary (S)</th>
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<tbody>
<tr>
<td></td>
<td>1,654</td>
<td>2,370</td>
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Total, Wages, Expense, and Equipment. 

<table>
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<tr>
<th>Name</th>
<th>Salary (S)</th>
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Total, Farm Management Service. 

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<th>Name</th>
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Farm Accounting Revolving 

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<th>Name</th>
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<tr>
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Agricultural Engineering 

<table>
<thead>
<tr>
<th>Name</th>
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<td>6,540</td>
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Total, Farm Accounting Revolving. 

<table>
<thead>
<tr>
<th>Name</th>
<th>Salary (S)</th>
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<tbody>
<tr>
<td></td>
<td>344,219</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Harold H. Beaty, Professor</td>
<td></td>
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<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>Deane G. Carter, Professor, Emeritus</td>
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</tr>
<tr>
<td>      Total Salary</td>
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</tr>
<tr>
<td>Edwin L. Hansen, Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>Ralph C. Hay, Professor</td>
<td></td>
</tr>
<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>Keith H. Hinchcliff, Professor</td>
<td></td>
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<tr>
<td>      Total Salary</td>
<td></td>
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<tr>
<td>E. W. Lehmann, Professor, Emeritus</td>
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<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>George E. F. Pickard, Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
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<tr>
<td>R. I. Shawl, Professor, Emeritus</td>
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<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>F. W. Andrew, Associate Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
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<tr>
<td>Dwight F. Kampe, Associate Professor</td>
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<tr>
<td>      Total Salary</td>
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<tr>
<td>John W. Matthews, Associate Professor</td>
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<td>      Total Salary</td>
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<tr>
<td>Gene C. Shove, Associate Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
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<tr>
<td>Howard L. Wakeland, Associate Professor</td>
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<tr>
<td>      Total Salary</td>
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</tr>
<tr>
<td>J. Arthur Weber, Associate Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
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<tr>
<td>Roger R. Yoerger, Associate Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>H. P. Bateman, Assistant Professor</td>
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</tr>
<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>Richard D. Black, Assistant Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>Wendell Bowers, Assistant Professor</td>
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<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>James O. Curtis, Assistant Professor</td>
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</tr>
<tr>
<td>      Total Salary</td>
<td></td>
</tr>
<tr>
<td>Arthur Muehling, Assistant Professor</td>
<td></td>
</tr>
<tr>
<td>      Total Salary</td>
<td></td>
</tr>
</tbody>
</table>

Note: The table lists the names, titles, and salaries of faculty members at the University of Illinois in 1959.
25. Robert M. Peart, Assistant Professor, 5 350
   (Total Salary) 7 800
26. J. H. Ramser, Assistant Professor, 7 500
27. Donald R. Daum, Instructor, 6 800
28. Roland F. Espenschied, Instructor, 1 400
   (Total Salary) 4 150
29. John A. Replogle, Instructor, 3 670
   (Total Salary) 3 940
30. Errol D. Rodda, Instructor, 4 390
31. John C. Siemens, Instructor, 2 550
   (Total Salary) 5 100
32. 1.00 Full Time Equivalent Assistants, 4 400
33. 1.83 Full Time Equivalent Assistants, 8 645
Nonacademic Salaries, 12 510
   S 34 488
Total, Salaries, 211 003

Wages, 1 400
Wages, S 3 470
Expense, C 3 830
Expense, S 7 150
Equipment, C 1 300
Equipment, S 1 300
Total, Wages, Expense, and Equipment, 18 450
Total, Agricultural Engineering, 229 453

Agricultural Engineering Income Revolving
Account Number 12-15-10-320
Wages, $ 1 000
Expense, 2 000
Total, Agricultural Engineering Income Revolving, 3 000

Cooperative Investigations
ILLINOIS FARM SUPPLY — TRACTOR MAINTENANCE
Account Number 44-15-10-342
1. John C. Siemens, Instructor, 2 550

STATE OF ILLINOIS DIVISION OF HIGHWAYS — ROADSIDE COVER
Account Number 47-15-10-374
1. Beverly J. Butler, Assistant Professor, 8 200

Agricultural Entomology
Account Number 00-15-12-100; College 00-15-12-100; Station 00-15-12-300; Extension 00-15-12-400
1. George C. Decker, Professor, 2 440
   (Also State Natural History Survey)
2. Stevenson Moore III, Associate Professor, 6 685
   (Total Salary) 2 565
3. H. B. Petty, Jr., Associate Professor, 5 375
   (Total Salary) 5 750
4. Clarence E. White, Instructor in Agricultural Entomology Extension, 1 360
   (Total Salary) 1 360
   Total, Salaries, 14 500
   Expense, 200
   Total, Agricultural Entomology, 14 700

Cooperative Investigations
U.S.D.A. A 6 EQ 52 — PLANT PEST CONTROL
Account Number 46-15-12-415
1. Clarence E. White, Instructor in Agricultural Entomology Extension, 4 440
   E-ZDY77 4 440
**Agronomy**

Account Number 00-15-15-100; College 00-15-15-100; Station 00-15-15-300; Extension 00-15-15-400

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
</tr>
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<tbody>
<tr>
<td>C-AY40 $ 7 200</td>
<td>Morell B. Russell</td>
<td>Professor and Head of Department</td>
<td>7 200</td>
</tr>
<tr>
<td>C-AY20 3 600</td>
<td>(Total Salary)</td>
<td></td>
<td>(18 000)</td>
</tr>
<tr>
<td>L-AY50 6 150</td>
<td>Samuel R. Aldrich</td>
<td>Professor of Soil Extension</td>
<td>6 150</td>
</tr>
<tr>
<td>L-AY50 (6 150)</td>
<td>(Total Salary)</td>
<td></td>
<td>(12 300)</td>
</tr>
<tr>
<td>C-R</td>
<td>F. C. Bauer</td>
<td>Professor, Emeritus</td>
<td></td>
</tr>
<tr>
<td>C-AY20 2 300</td>
<td>O. T. Bonnett</td>
<td>Professor of Plant Genetics</td>
<td>2 300</td>
</tr>
<tr>
<td>S-AY80 9 200</td>
<td>(Total Salary)</td>
<td></td>
<td>(11 500)</td>
</tr>
<tr>
<td>C-AY20 2 400</td>
<td>Roger H. Bray</td>
<td>Professor of Soil Fertility</td>
<td>2 400</td>
</tr>
<tr>
<td>S-AY80 9 840</td>
<td>(Total Salary)</td>
<td></td>
<td>(12 300)</td>
</tr>
<tr>
<td>C-R</td>
<td>E. E. DeTurk</td>
<td>Professor, Emeritus</td>
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<tr>
<td>C-AY20 2 200</td>
<td>George H. Dungan</td>
<td>Professor, Emeritus</td>
<td>2 200</td>
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<tr>
<td>S-AY80 8 800</td>
<td>(Total Salary)</td>
<td></td>
<td>(11 000)</td>
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<tr>
<td>C-AY50</td>
<td>James W. Gerdemann</td>
<td>Professor of Plant Pathology</td>
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<td>C-AY20 2 200</td>
<td>J. E. Gieseking</td>
<td>Professor of Soil Physics</td>
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<tr>
<td>S-AY80 8 800</td>
<td>(Total Salary)</td>
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<td>(11 000)</td>
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<tr>
<td>L-R</td>
<td>J. C. Hackieman</td>
<td>Professor, Emeritus</td>
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<td>S-ZR</td>
<td>C. F. Hottes</td>
<td>Consulting Plant Physiologist, Emeritus</td>
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<tr>
<td>C-AY20 2 200</td>
<td>Joseph A. Jackobs</td>
<td>Professor of Crop Production</td>
<td>2 200</td>
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<tr>
<td>S-AY80 8 800</td>
<td>(Total Salary)</td>
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<td>(11 000)</td>
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<tr>
<td>C-AY50 6 500</td>
<td>Walter C. Jacob</td>
<td>Professor</td>
<td>6 500</td>
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<td>S-AY80 6 500</td>
<td>(Total Salary)</td>
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<td>(13 000)</td>
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<tr>
<td>C-ZAY20 2 500</td>
<td>R. W. Jugenheimer</td>
<td>Professor of Plant Genetics</td>
<td>2 500</td>
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<td>S-ZAY55 6 875</td>
<td>(Total Salary)</td>
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<tr>
<td>C-ZR</td>
<td>Benjamin Koehler</td>
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<td>C-AY20 2 200</td>
<td>L. T. Kurtz</td>
<td>Professor of Soil Fertility</td>
<td>2 200</td>
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<td>S-AY80 9 200</td>
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<td>(11 500)</td>
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<tr>
<td>C-AY10 1 150</td>
<td>A. L. Lang</td>
<td>Professor of Soil Fertility</td>
<td>1 150</td>
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<tr>
<td>S-AY65 7 475</td>
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<tr>
<td>E-AY25 2 875</td>
<td>John R. Laughnan</td>
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<td>C-AY20 2 400</td>
<td>Earl R. Leng</td>
<td>Professor</td>
<td>2 400</td>
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<tr>
<td>S-AY80 9 600</td>
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<td>(12 000)</td>
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<td>S-AY80 10 800</td>
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<td>(13 500)</td>
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<tr>
<td>(On leave with pay six months from September 1, 1959)</td>
<td>Russell T. Odell</td>
<td>Professor of Soil Physics</td>
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<td>C-AY20 2 700</td>
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<td>(On leave with pay six months from September 1, 1959)</td>
<td>O. H. Sears</td>
<td>Professor of Soil Biology</td>
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<td>C-AY33 3 760</td>
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<td>S-AY67 7 540</td>
<td>R. S. Smith</td>
<td>Professor, Emeritus</td>
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<td>C-R</td>
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<tr>
<td>No.</td>
<td>Name</td>
<td>Position</td>
<td>Salary</td>
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<tr>
<td>26</td>
<td>Edward H. Tyner</td>
<td>Professor of Soil Fertility</td>
<td>2,825</td>
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<td>27</td>
<td>D. C. Wimer</td>
<td>Professor of Soil Physics</td>
<td>5,650</td>
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<td>28</td>
<td>C. M. Woodworth</td>
<td>Emeritus</td>
<td>9,800</td>
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<td>29</td>
<td>Denton E. Alexander</td>
<td>Associate Professor</td>
<td>4,850</td>
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<td>30</td>
<td>Alvin H. Beavers</td>
<td>Associate Professor of Soil Physics</td>
<td>1,940</td>
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<td>31</td>
<td>Charles M. Brown</td>
<td>Associate Professor</td>
<td>9,150</td>
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<td>32</td>
<td>Ambrose W. Burger</td>
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<td>1,940</td>
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<td>33</td>
<td>Henry H. Hadley</td>
<td>Associate Professor of Plant Genetics</td>
<td>1,940</td>
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<tr>
<td>34</td>
<td>Richard H. Hageman</td>
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<td>35</td>
<td>John B. Hanson</td>
<td>Associate Professor</td>
<td>8,240</td>
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<td>36</td>
<td>Carl N. Hittle</td>
<td>Associate Professor of Plant Genetics</td>
<td>2,080</td>
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<td>37</td>
<td>Arthur L. Hooker</td>
<td>Associate Professor</td>
<td>8,320</td>
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<tr>
<td>38</td>
<td>Arnold Klute</td>
<td>Associate Professor of Soil Physics</td>
<td>1,940</td>
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<tr>
<td>39</td>
<td>J. W. Pendleton</td>
<td>Associate Professor</td>
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<td>48</td>
<td>C. H. Farnham</td>
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<td>49</td>
<td>J. B. Fehrenbacher</td>
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<td>Ralph L. Gantz</td>
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<td>Robert W. Howell</td>
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<td>52.</td>
<td>P. E. Johnson</td>
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<td>(Total Salary)</td>
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<td>58.</td>
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<td>Alfred Tate</td>
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<td>Alfred U. Thor</td>
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<td>61.</td>
<td>Herman L. Wascher</td>
<td>Assistant Professor of Soil Physics</td>
<td>S-BY</td>
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<td>62.</td>
<td>Roland O. Weibel</td>
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<td>63.</td>
<td>Joseph T. Woolley</td>
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<td>C. J. Badger</td>
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<td>66.</td>
<td>David R. Browning</td>
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<td>(Also Southern Illinois University)</td>
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<td>68.</td>
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<td>70.</td>
<td>Charles A. Gholson</td>
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<td>71.</td>
<td>Don W. Graffis</td>
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<td>72.</td>
<td>Derrell L. Mulvaney</td>
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<td>Wages</td>
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<td>Total, Wages, Expense, and Equipment</td>
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**Corn Testing Revolving**

Account Number 12-15-15-311

Nonacademic Salaries | S | $ 6 600

Total, Salaries | (6 600)

Wages | S | 5 000

Expense | S | 3 500

Equipment | S | 1 500

Total, Wages, Expense, and Equipment | (10 000)

Total, Corn Testing Revolving | $76 600
### Central Illinois Seed Increase Revolving

Account Number 12-15-15-312

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<tr>
<td>Expense</td>
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<tr>
<td>Equipment</td>
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**Total, Central Illinois Seed Increase Revolving**

$2,500

### Northern Illinois Experiment Field Revolving

Account Number 12-15-15-356

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<td>Equipment</td>
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**Total, Northern Illinois Experiment Field Revolving**

$2,500

### Soil Testing Revolving

Account Number 12-15-15-478

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<td>Equipment</td>
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**Total, Soil Testing Revolving**

$3,500

### Cooperative Investigations

**ROCKEFELLER FOUNDATION — MAIZE POLYPLOIDS**

Account Number 44-15-15-373

1. Charles Levings III, Assistant

### Animal Science

Account Number 00-15-20-100; College 00-15-20-100; Station 00-15-20-300; Extension 00-15-20-400

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<tbody>
<tr>
<td>O. Burr Ross, Professor</td>
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<tr>
<td>Donald E. Becker, Professor,</td>
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<tr>
<td>Sleeper Bull, Emeritus</td>
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<tr>
<td>Leslie E. Card, Professor,</td>
<td>$3,360</td>
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<tr>
<td>J. L. Edmonds, Emeritus</td>
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<tr>
<td>Richard M. Forbes, Professor</td>
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<tr>
<td>U. S. Garrigus, Professor</td>
<td>$6,720</td>
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<tr>
<td>Tom S. Hamilton, Professor</td>
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<tr>
<td>B. Connor Johnson, Professor</td>
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<tr>
<td>Joseph Kastelic, Professor</td>
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<td>H. H. Mitchell, Emeritus</td>
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<td>A. V. Nalbandov, Professor</td>
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<td>Alvin L. Neumann, Professor</td>
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<td>Horace W. Norton, Emeritus</td>
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[12. H. H. Mitchell, Professor, Emeritus]

<table>
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<tr>
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<td>14. Alvin L. Neumann, Professor</td>
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(Total Salary) $11,600
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<td>17</td>
<td>H. G. Russell, Professor of Animal Science Extension</td>
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<td>18</td>
<td>Harold M. Scott, Professor</td>
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<td>Stanley W. Terrill, Professor</td>
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<td>20</td>
<td>H. W. Bean, Associate Professor</td>
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<td>George R. Carlisle, Associate Professor of Animal Science Extension</td>
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<td>C. W. Crawford, Associate Professor, Emeritus</td>
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<td>23</td>
<td>Ben A. Rasmussen, Associate Professor of Animal Genetics</td>
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<td>Samuel F. Ridlen, Associate Professor of Poultry Extension</td>
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<td>26</td>
<td>Waco W. Albert, Assistant Professor</td>
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<td>Sorab P. Mistry, Assistant Professor of Animal Nutrition</td>
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<td>Desmond M. McAleese, Research Associate</td>
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<td>Marjorie Edman, Research Associate in Animal Nutrition</td>
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<td>Terry R. Greathouse, Instructor in Animal Science Extension</td>
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39. Donald E. Walker, Instructor in Animal Science Extension... E-DY50 4,050
(Total Salary) L-DY50 4,050
40. Bennie B. Doane, Assistant... C-DY50 2,550
(Total Salary) S-DY50 2,550
41. Donald S. Garrigan, Assistant... C-DY40 2,280
(Total Salary) S-DY60 3,320
42. W. T. Haines, Assistant in Animal Nutrition... S-DY65 4,305
(Total Salary) H-DY35 2,395
43. Donald L. McMahan, Assistant... S-DY 600
44. 3.50 Full Time Equivalent Assistants... C-DY 16,400
45. 4.25 Full Time Equivalent Assistants... S-DY 19,920
Nonacademic Salaries Nonacademic Salaries 111,078
Total Salaries (473,133)
Wages Wages S 8,250
Expense Expense C 28,500
Expense Expense S 51,680
Equipment Equipment C 5,000
Equipment Equipment S 6,250
Total, Wages, Expense, and Equipment (111,950)
Total, Animal Science $585,083

Graduate Research — Forbes
Account Number 01-15-20-327
1. Desmond M. McAleese, Research Associate... ZDY16 $1,000
(Total Salary) (6,000)
Total, Graduate Research — Forbes $1,000

Animal Science Income Revolving
Account Number 12-15-20-320
Expense Expense S $125,000
Total, Animal Science Income Revolving $125,000

Cooperative Investigations
Hoffman-La Roche — C14 Biotin
Account Number 44-15-20-336
1. Maria A. Grillo, Research Associate... ZDY36 $2,000
(Total Salary) (5,500)
Muscular Dystrophy — Vitamin E in Rats
Account Number 44-15-20-353
1. Agnes Csallany, Research Assistant... S-DY $5,280
National Vitamin Foundation — C14 Biotin
Account Number 44-15-20-362
1. Maria A. Grillo, Research Associate... ZDY64 $3,500
U.S. Air Force 130
Account Number 46-15-20-301
1. Mostafa S. Mameesh, Research Associate in Animal Nutrition... S-DY $5,600
U.S. Army MD 544
Account Number 46-15-20-303
1. Venkata C. Metta, Research Assistant Professor in Animal Nutrition... S-BY $6,850
2. P. B. Rama Rao, Research Associate in Animal Nutrition S-DY $5,500
Total, U.S. Army MD 544 $12,350
### U.S. Atomic Energy Commission Project 2
Account Number 46-15-20-306
1. Mei-Ling Wu Chang, Research Associate in Animal Nutrition. S-ZDY18 $1,000

### U.S. Atomic Energy Commission 677
Account Number 46-15-20-308
1. K. Dakshinamurti, Research Associate. S-DY $5,700

### U.S. Public Health Service B1200
Account Number 46-15-20-365
1. Petar Alaupovic, Research Associate. S-DY $5,600
2. Betty J. Johnson, Research Assistant. S-DY $4,400
   *Total, U.S. Public Health Service B1200.* $10,000

### U.S. Public Health Service H2771
Account Number 46-15-20-367
1. Carol H. Lowe, Assistant. S-DY $4,400

#### County Farm Extension
Account Number 00-15-25-400
1. W. G. Kammlade, State Leader of Farm Advisers. E-ZBY
2. W. D. Murphy, Assistant Director of Extension Service in Agriculture and Home Economics and Professor of Agricultural Extension. L-AAY50 (5,500)
   *Total Salary.* (11,000)
3. Ernest W. Anderson, Assistant State Leader of Farm Advisers and Professor of Agricultural Extension. C-AAY30 3,450
   L-AAY30 3,450
   L-AAY40 4,600
   *Total Salary.* (11,500)
4. J. D. Bilsborrow, Professor of Agricultural Extension, Emeritus. E-R
5. F. E. Longmire, Professor of Agricultural Extension, Emeritus. L-R
6. Lawrence J. Biever, Associate Professor of Agricultural 4-H Club Work. L-ZAY50 (4,900)
   *Total Salary.* (9,800)
7. Henry R. Brunneymeyer, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension. E-AAY50 5,250
   L-AAY50 5,250
   *Total Salary.* (10,500)
8. W. F. Coolidge, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension. E-AAY50 5,250
   L-AAY50 5,250
   *Total Salary.* (10,500)
9. Harold H. Gordon, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension. E-AAY50 5,250
   L-AAY50 5,250
   *Total Salary.* (10,500)
10. D. M. Hall, Associate Professor of Agricultural Extension. E-AAY50 4,650
    L-AAY50 4,650
    *Total Salary.* (9,300)
11. W. F. Lomasney, Associate Professor of Agricultural Extension. E-AAY50 5,500
    L-AAY50 5,500
    *Total Salary.* (11,000)
12. Richard O. Lyon, Associate Professor of Agricultural 4-H Club Work. E-AAY50 4,575
    L-AAY50 (4,575)
    *Total Salary.* (9,150)
13. L. E. McKinzie, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension. E-AAY50 5,250
    L-AAY50 5,250
    *Total Salary.* (10,500)
14. E. H. Regnier, Associate Professor of Rural Recreation. E-ZAY40 4,080
    L-ZAY35 3,570
    *Total Salary.* (10,200)
15. Oren L. Whalin, Associate Professor, Emeritus. E-R
16. Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension. E-AAY50 4,575
    L-AAY50 (4,575)
    *Total Salary.* (9,150)
<table>
<thead>
<tr>
<th>No.</th>
<th>Name &amp; Title</th>
<th>Salary</th>
<th>Total Salary</th>
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</thead>
<tbody>
<tr>
<td>17.</td>
<td>F. H. Mynard, Assistant Professor of Agricultural 4-H Club Work</td>
<td>$5,400</td>
<td>$5,400</td>
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<tr>
<td>18.</td>
<td>Fay H. Root, Assistant Professor of Camp and Park Management</td>
<td>$2,900</td>
<td>$2,900</td>
</tr>
<tr>
<td>19.</td>
<td>Hubert J. Wetzel, Assistant Professor of Agricultural 4-H Club Work</td>
<td>$4,225</td>
<td>$4,225</td>
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<tr>
<td>20.</td>
<td>George L. Daigh, Jr., Instructor in Agricultural 4-H Club Work</td>
<td>$3,600</td>
<td>$3,600</td>
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<tr>
<td>21.</td>
<td>Fred L. Haegele, Instructor in Agricultural 4-H Club Work</td>
<td>$4,470</td>
<td>$4,470</td>
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<td>22.</td>
<td>O. L. Hogsett, Safety Specialist with rank of Instructor in Agricultural Extension</td>
<td>$3,500</td>
<td>$3,500</td>
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<tr>
<td>24.</td>
<td>Ruth E. Dickens, Assistant in Rural Recreation</td>
<td>$2,650</td>
<td>$2,650</td>
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<td>25.</td>
<td>99 Farm Advisers (46.52 Full Time Equivalent)</td>
<td>$372,180</td>
<td>$372,180</td>
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<td>26.</td>
<td>54 Assistant Advisers (29.81 Full Time Equivalent)</td>
<td>$164,700</td>
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<td>27.</td>
<td>29 Assistants in Farm and Home Development (21.37 Full Time Equivalent)</td>
<td>$137,550</td>
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<td>28.</td>
<td>1 Assistant in Rural Development (1.00 Full Time Equivalent)</td>
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Nonacademic Salaries | $27,730 |

Total, County Farm Extension | $790,845 |

Auxiliary - 4-H Memorial Camp Operation

Account Number 18-15-25-780

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<td>Expense</td>
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<td>Equipment</td>
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<td>Total, Wages, Expense, and Equipment</td>
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<td>Total, Auxiliary - 4-H Memorial Camp Operation</td>
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County Farm Bureau - Farm Advisers

Account Number 44-15-25-400

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<td>51 Assistant Advisers (12.36 Full Time Equivalent)</td>
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<td>7 Assistants in Farm and Home Development (8.3 Full Time Equivalent)</td>
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<td>Total, County Farm Bureau - Farm Advisers</td>
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County Home Extension

Account Number 00-15-30-400

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<td>of Home Economics Extension</td>
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<td>Lulu S. Black, Professor, Emerita</td>
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<td>$11,800</td>
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</table>
3. Gertrude E. Kaiser, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension... 6,910
   (Total Salary).......................................................
   (On leave with pay six months from September 1, 1959)

4. Mary S. Ligon, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension... 4,575
   (Total Salary).....................................................

5. Anna W. Searl, Associate Professor, Emerita........................................... E-R

6. Erma Cottingham, Assistant Professor, Emerita........................................ E-R

7. Jeannette B. Dean, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension... 5,740
   (Total Salary)......................................................
   (On leave with pay six months from September 1, 1959)

8. Cleo Hall, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension... 5,825
   (Total Salary)......................................................

9. Florence Kimmelman, Assistant Professor of Home Economics 4-H Club Work... 3,850
   (Total Salary)......................................................

10. Mary A. McKee, Assistant Professor, Emerita............................................ E-R

11. Anita Smith, Administrative Assistant to State Leader of Home Advisers and Assistant Professor of Home Economics Extension... 3,500
    (Total Salary)......................................................

12. Marian Simpson, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension... 4,680
    (Total Salary)......................................................

13. Alice P. Hare, Instructor in Home Economics 4-H Club Work... 2,925
    (Total Salary)......................................................

14. Joann Sievers, Instructor in Home Economics 4-H Club Work... 4,800
    (Total Salary)......................................................

15. Arlene Wolfram, Instructor in Home Economics 4-H Club Work... 3,400
    (Total Salary)......................................................

16. 95 Home Advisers (58.39 Full Time Equivalent)........................................ E-ZDY 340 250
    95 Home Advisers (28.35 Full Time Equivalent)........................................ E-ZDY 165 200
    Total, All Funds........................................................................ (553 594)

17. 32 Assistant Advisers (21.91 Full Time Equivalent).................................... E-ZDY 102 050
    32 Assistant Advisers (8.31 Full Time Equivalent).................................... E-ZDY 38 270
    Total, All Funds........................................................................ (149 026)

18. 3 Assistants in Farm and Home Development (.21 Full Time Equivalent)............. E-ZDY 1 050

19. 32 Home Advisers (8.26 Full Time Equivalent)........................................... E-ZDY 48 144
    20 Assistant Advisers (1.78 Full Time Equivalent)...................................... E-ZDY 8 256
    3 Assistants in Farm and Home Development (.10 Full Time Equivalent)............ E-ZDY 504
    Total, County Home Bureau — Home Advisers............................................ $56 904

County Home Bureau — Home Advisers

Account Number 44-15-30-400

1. 69 Home Advisers (8.26 Full Time Equivalent)........................................... E-ZDY 48 144
2. 20 Assistant Advisers (1.78 Full Time Equivalent)...................................... E-ZDY 8 256
3. 3 Assistants in Farm and Home Development (.10 Full Time Equivalent)............. E-ZDY 504
   Total, County Home Bureau — Home Advisers............................................ $56 904
Dairy Science

Account Number 00-15-35-100; College 00-15-35-100; Station 00-15-35-300; Extension 00-15-35-400

1. G. W. Salisbury, Professor and Head of Department ........................................... C-AY40 7 140
   (Total Salary) ........................................................................................................ 7 140
   E-AY20 3 570
   S-AY40 7 140

2. J. G. Cash, Professor of Dairy Science Extension ................................................ E-AY65 7 280
   (Total Salary) ........................................................................................................ 7 280
   L-AY35 3 920

3. Karl E. Gardner, Professor of Nutrition ................................................................. C-ZAY
   (Total Salary) ........................................................................................................... 5 550
   C-AY50 5 550
   S-AY50 5 550

4. Willard O. Nelson, Professor of Bacteriology ..................................................... C-AY40
   (Total Salary) ........................................................................................................... 11 100
   C-AY40

5. I. G. W. Salisbury, Professor and Head of Department ........................................ C-R
   (On leave without pay from September 1, 1959 to June 30, 1960) ....................... 7 140

6. J. G. Cash, Professor of Dairy Science Extension ................................................ E-AY65
   (Total Salary) ........................................................................................................... 3 920
   L-AY35

7. Karl E. Gardner, Professor of Nutrition ................................................................. C-ZAY
   (Total Salary) ........................................................................................................... 5 550
   C-AY50
   S-AY50

8. Noland L. VanDemark, Professor of Physiology .................................................. C-AY25
   (Total Salary) ........................................................................................................... 3 250
   S-AY75
   R-AY36

9. W. W. Yapp, Professor, Emeritus ...................................................................... C-AY60
   (Total Salary) ........................................................................................................... 11 100
   S-AY40

10. Robert W. Touchberry, Professor of Genetics ..................................................... C-R
    (Total Salary) .......................................................................................................... 6 900
       S-AY39
       R-AY36

11. M. H. Alexander, Associate Professor of Dairy Husbandry, Emeritus ............. C-R
    (Total Salary) .......................................................................................................... 9 500
       C-AY25

12. Harry P. Broquist, Associate Professor of Biological Chemistry ....................... C-AY25
    (Total Salary) .......................................................................................................... 8 850
       S-AY75

13. Leo R. Fryman, Associate Professor of Dairy Science Extension ...................... E-AY75
    (Total Salary) .......................................................................................................... 6 915
       L-AY25

14. K. A. Kendall, Associate Professor .................................................................... C-AY75
    (Total Salary) .......................................................................................................... 7 200
       S-AY25

15. Bruce L. Larson, Associate Professor of Biological Chemistry ....................... C-AY25
    (Total Salary) .......................................................................................................... 2 490
       S-AY75

16. E. E. Ormiston, Associate Professor of Dairy Husbandry ................................... C-AY50
    (Total Salary) .......................................................................................................... 4 575
       S-AY50

17. Richard E. Brown, Assistant Professor of Nutrition ........................................... C-BY40
    (Total Salary) .......................................................................................................... 3 660
       S-BY47

18. John H. Byers, Assistant Professor ..................................................................... C-BY50
    (Total Salary) .......................................................................................................... 4 400
       S-BY50

19. K. E. Harshbarger, Assistant Professor of Nutrition .......................................... C-BY50
    (Total Salary) .......................................................................................................... 4 500
       S-BY50

20. Ray L. Hays, Assistant Professor of Physiology .................................................. C-BY20
    (Total Salary) .......................................................................................................... 1 640
       S-BY80

21. Meyer J. Wolin, Assistant Professor of Bacteriology ......................................... C-BY50
    (Total Salary) .......................................................................................................... 3 725
       S-BY50

22. Richard E. Brown, Assistant Professor ............................................................... C-BY50
    (Total Salary) .......................................................................................................... 3 675
       S-BY50
23. --------------------, Assistant Professor. (Total Salary)................................. (C-AY50 3 675  
(S-AY50 3 675  
(Total Salary)----------------------------- (7 350)

24. J. Robert Lodge, Research Associate. (Total Salary)................................. (C-ZDY25 1 750  
(S-ZDY42 2 780  
(Total Salary)----------------------------- (6 850)

25. Gerhard W. Harpestad, Instructor in Dairy Science Extension. (Total Salary).............. (E-DY50 3 750  
(L-DY50 3 750  
(Total Salary)----------------------------- (7 500)

26. Ralph V. Johnson, Instructor in Dairy Science Extension. (Total Salary).................. (E-DY50 3 800  
(L-DY50 3 800  
(Total Salary)----------------------------- (7 600)

27. Joann S. Powers, Research Assistant. ........................................................ (6 850)

28. --------------------, Assistant. ................................................................. (4 600)

29. 2.75 Full Time Equivalent Assistants. ......................................................... (12 350)

30. 2.75 Full Time Equivalent Assistants. ......................................................... (12 450)

Nonacademic Salaries ......................................................... (45 984)

Nonacademic Salaries ......................................................... (111 753)

Total, Salaries ......................................................................................... (370 757)

Wages ......................................................... (11 600)

Wages ......................................................... (13 000)

Expense ......................................................... (45 210)

Expense ......................................................... (52 250)

Equipment ......................................................... (4 000)

Equipment ......................................................... (6 500)

Total, Wages, Expense, and Equipment ......................................................... (132 560)

Total, Dairy Official Testing Revolving ......................................................... $303 317

Dairy Official Testing Revolving
Account Number 12-15-35-316
Nonacademic Salaries ......................................................... (S) $19 096

Total, Salaries ......................................................... (19 096)

Wages ......................................................... (8 600)

Expense ......................................................... (8 700)

Equipment ......................................................... (3 200)

Total, Wages, Expense, and Equipment ......................................................... (30 150)

Total, Dairy Official Testing Revolving ......................................................... $28 706

Cooperative Investigations
U.S. NATIONAL SCIENCE FOUNDATION G 7499
Account Number 46-15-35-359
1. Charles R. Hoover, Research Associate. ......................................................... (S-DY 6 850)

ROCKEFELLER FOUNDATION — FUNDAMENTAL BIOLOGY
Account Number 44-15-35-373
1. J. Robert Lodge, Research Associate. ......................................................... (S-ZDY33 $ 2 320

WISCONSIN-MINNESOTA — COOPERATIVE BULL STUD GROUP
MEASUREMENT OF SPERMATOZOA
Account Number 44-15-35-392
1. Gerrit C. Vandam, Research Assistant. ......................................................... (S-DY 4 400)

ILLINOIS DAIRY PRODUCTS — CREAM QUALITY
Account Number 44-15-35-440
1. P. P. Somers, Assistant Professor. ......................................................... (E-ZBY50 $ 4 100

U.S. PUBLIC HEALTH SERVICE E 2363
Account Number 46-15-35-366
1. Grace Weinberg, Research Assistant. ......................................................... (S-DY 4 400)

Dixon Springs Experiment Station
Account Number 00-15-40-300; Station 00-15-40-300; Extension 00-15-40-400
1. R. J. Webb, Superintendent and Professor of Agricultural Research and Extension. ......................................................... (S-AY42 $ 5 050

(Total Salary) ......................................................... (5 050)

(Perquisites University — housing) ......................................................... (12 000)
2. Manford E. Mansfield, Associate Professor of Veterinary Research .......................... S-ZAY17 1 575
(Total Salary) ........................................ (9 450)
3. George E. McKibben, Associate Professor of Agricultural Research and Extension ... S-AY75 6 865
(Total Salary) ........................................ (9 150)
4. H. A. Cate, Assistant Professor of Agricultural Extension ......................... E-BY82 6 800
(Total Salary) ........................................ (1 500)
5. George F. Cmarik, Assistant Professor of Agricultural Research .................. S-BY 7 350
(Total Salary) ........................................ (300)
6. Leland E. Gard, Assistant Professor of Agricultural Research ....................... S-BY 7 750
(Total Salary) ........................................ (300)
7. Alvan R. Gilmore, Assistant Professor of Forestry ................................. S-ZBY46 3 625
(Total Salary) ........................................ (7 900)
8. John M. Lewis, Assistant Superintendent and Assistant Professor of Agricultural Research S-BY 8 700
(Total Salary) ........................................ (9 240)
9. Robert E. Nelson, Associate Extension Forester ........................................ S-ZBY 8 150
(Total Salary) ........................................ (1 600)
Nonacademic Salaries ........................................ S 109 815
Total, Salaries ......................................... (164 015)
Wages ....................................................... S 5 900
Expense ..................................................... S 74 130
Equipment .................................................. S 12 000
Total, Wages, Expense, and Equipment ......................................................... (91 240)
Total, Dixon Springs Experiment Station ......................................................... $225 255

Food Technology

Account Number 00-15-50-100; College 00-15-50-100; Station 00-15-50-300
1. Reid T. Milner, Professor and Head of Department ........................................ C-AY20 3 300
   (Total Salary) ........................................ (16 500)
2. Ernest O. Herreid, Professor of Dairy Technology ........................................ C-AY20 2 240
   (Total Salary) ........................................ (8 900)
3. Louis B. Howard, Professor ................................................................. C-ZAY
   (Total Salary) ........................................ (11 200)
4. Fred A. Kummerow, Professor of Food Chemistry .......................................... C-AY20 2 340
   (Total Salary) ........................................ (9 360)
5. Alvin I. Nelson, Professor of Food Processing ........................................... C-AY60 6 900
   (Total Salary) ........................................ (11 700)
6. Z. John Ordal, Professor of Food Microbiology .......................................... C-AY20 2 300
   (Total Salary) ........................................ (11 500)
7. P. H. Tracy, Professor, Emeritus .......................................................... C-R
8. S. L. Tuckey, Professor of Dairy Technology ............................................ C-AY80 9 200
   (Total Salary) ........................................ (11 500)
9. Robert McL. Whitney, Professor of Dairy Technology .................................... C-AY30 3 450
   (Total Salary) ........................................ (11 500)
10. ————, Professor of Dairy Technology ...................................................... C-AY30 3 910
    (Total Salary) ........................................ (11 700)
11. Marvin P. Steinberg, Associate Professor of Food Engineering ..................... C-AY30 2 745
    (Total Salary) ........................................ (6 405)
12. Joseph Tobias, Associate Professor of Dairy Technology ................................ C-AY60 5 490
    (Total Salary) ........................................ (9 150)
Cooperative Investigations

**ILLINOIS HEART ASSOCIATION — DIETARY CHOLESTEROL**

Account Number 44-15-50-340
1. Patricia V. Johnston, Assistant Professor. S-ZDY67 $4,900
(Total Salary) (7,350)

Account Number 46-15-50-314
1. Lun-shin Wei, Research Associate. S-DY $5,370

Account Number 46-15-50-357
1. Taketami Sakuragi, Assistant Professor. S-ZDY80 $5,480
(Total Salary) (6,850)

Account Number 46-15-50-366
1. Mohan Kokatnur, Research Assistant. S-DY $5,000

Account Number 46-15-50-369
1. V. R. Bhalerao, Assistant Professor. S-ZDY75 $5,510
2. Masuo Sugai, Research Assistant. S-DY 5,000
(Total, U.S. Public Health Service A 1671) $10,510

Account Number 46-15-50-370
1. Harold K. Wilson, Research Assistant. S-DY $5,500

Account Number 46-15-50-371
1. Toshiro Nishida, Research Assistant. S-DY $5,500
2. Mitsuji Inoue, Research Assistant. S-DY 5,000
(Total, U.S. Public Health Service H3063) $10,500

Account Number 46-15-50-372
1. Patricia V. Johnston, Assistant Professor. S-ZDY33 $2,450
2. Taketami Sakuragi, Assistant Professor. S-ZDY20 1,370
3. V. R. Bhalerao, Assistant Professor. S-ZDY25 1,840
(Total Salary) (7,350)
(Total, U.S. Public Health Service 5368) $5,660
## Forestry

Account Number 00-15-55-100; College 00-15-55-100; Station 00-15-55-300; Extension 00-15-55-400

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<th>Name</th>
<th>Salary</th>
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<tr>
<td>J. Nelson Spaeth, Professor</td>
<td>Professor and Head of Dept.</td>
<td>$5,810</td>
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<tr>
<td>William R. Boggess, Professor</td>
<td></td>
<td>$4,150</td>
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<td>Ralph W. Lorenz, Professor</td>
<td></td>
<td>$4,520</td>
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<tr>
<td>Charles S. Walters, Professor</td>
<td>Professor of Wood Tech and</td>
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<td></td>
<td>Utilization</td>
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<tr>
<td>L. B. Culver, Assoc Prof of Ext</td>
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<td>$5,100</td>
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<td>Charles E. Walters, Assoc Prof</td>
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<td>L. B. Culver, Assoc Prof of Ext</td>
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<td>W. Freeman Bulkley, Assoc Ext</td>
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<td>Howard W. Fox, Assoc Professor</td>
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<td>Robert E. Nelson, Assoc Ext</td>
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<td>Kenneth R. Peterson, Assoc Prof</td>
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<td>R. G. Rennels, Assoc Professor</td>
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<td>Donald H. Percival, Research</td>
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<td>Assoc Prof</td>
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<tr>
<td>J. J. Jokela, Instructor and</td>
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<td>$2,080</td>
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<td>Research Assoc</td>
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<td>Theodore W. Curtin, Assoc Ext</td>
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<td>J. J. Jokela, Instructor and</td>
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Cooperative Investigations

MRS. C. P. MILLER — SINNISUPPI FOREST
Account Number 44-15-55-352
1. Howard W. Fox, Assistant Professor
   Account Number S-ZBY35 $ 2 600
U.S. OFFICE OF NAVAL RESEARCH 1834-31
Account Number 46-15-55-355
1. Charles E. Olson, Jr., Assistant Professor
   S-ZBY38 $ 2 800

Home Economics
Account Number 00-15-60-100; College 00-15-60-100; Station 00-15-60-300; Extension 00-15-60-400

1. Janice M. Smith, Professor of Nutrition and Head of Home Economics Extension C-AY45 $ 6 860
   S-AY30 4 375
   E-AY25 3 815
   (Total Salary) (15 250)
2. Kathryn V. Burns, Professor Emerita C-AY16 1 810
   H-AY84 (9 190)
   (Total Salary) (11 000)
3. Julia O. Holmes, Professor of Nutrition C-R
   (Total Salary)
4. Nellie L. Perkins, Professor Emerita C-R
   (Total Salary)
5. E. Evelyn Smith, Professor Emerita C-R
   (Total Salary)
6. Frances O. VanDuyne, Professor of Foods C-AY35 4 270
   S-AY65 7 930
   (Total Salary) (12 200)
7. Geraldine E. Acker, Associate Professor of Foods and Nutrition in Home Economics Extension E-AY50 4 075
   L-AY50 (4 075)
   (Total Salary)
8. Grace B. Armstrong, Associate Professor Emerita C-R
   (Total Salary)
9. Harriet T. Barto, Associate Professor of Dietetics C-A 7 700
10. Mildred Bonnell, Associate Professor C-A 8 500
11. Fannie M. Brooks, Associate Professor Emerita C-R
12. Ruth C. Freeman, Associate Professor Emerita H-R
13. Ruth L. Galbraith, Associate Professor H-AY52 (5 130)
    (Total Salary)
14. Margaret R. Goodyear, Associate Professor C-AY 10 150
15. Edna Walls Hatton, Associate Professor Emerita C-R
16. Dorothy S. Iwig, Associate Professor Emerita E-R
17. Pearl Z. Janssen, Associate Professor C-A 8 400
18. Florence M. King, Associate Professor Emerita C-R
19. Marguerite B. Lynch, Associate Professor of Family Life in Home Economics Extension E-AY55 5 140
   L-AY45 (4 210)
   (Total Salary) (9 350)
20. Helen E. McCullough, Associate Professor H-AY15 (1 420)
    S-AY15 1 415
    R-AY70 (6 615)
    (Total Salary) (9 450)
21. Queenie B. Mills, Associate Professor of Child Development C-A 9 000
22. Elizabeth M. Osman, Associate Professor E-AY16 1 610
    H-AY84 (8 390)
    (Total Salary) (10 000)
23. Catherine M. Sullivan, Associate Professor of Home Management E-AY50 4 675
    L-AY50 (6 75)
    (Total Salary) (9 350)
24. Lorraine Trebilcock, Associate Professor C-A 7 500
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<td>K. Virginia Seidel</td>
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<td>Clareta Walker</td>
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<td>43</td>
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<td>44</td>
<td>Bernadine Bernhardt</td>
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<td>Robbie G. Blakemore</td>
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<td>46</td>
<td>Nyla M. Gorham</td>
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<td>Joan C. Graham</td>
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<td>48</td>
<td>Mary O. Hubbard</td>
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<td>49</td>
<td>Eloise Lorch</td>
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<td>50</td>
<td>Millicent V. Martin</td>
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<td>51</td>
<td>Marjorie E. Mead</td>
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<td>52</td>
<td>Patricia A. Robinson</td>
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<td>53</td>
<td>Esther Siemen</td>
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<td>Robert B. Smith</td>
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<td>55</td>
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<tr>
<td>56</td>
<td>Han Lin Hwang Chen</td>
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<td>Dorothy C. Ebner</td>
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<td>Jeanne M. Jackson</td>
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<td>Vivian P. Larson</td>
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(Total Salary)
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Account Number 12-15-60-212

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### Horticulture

Account Number 00-15-65-100; College 00-15-65-100; Station 00-15-65-300; Extension 00-15-65-400

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<td>2. H. W. Anderson, Professor, Emeritus</td>
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<td>3. Arthur S. Colby, Professor, Emeritus</td>
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<td>4. M. J. Dorsey, Professor, Emeritus</td>
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<td>5. Walter A. Huelsen, Professor of Vegetable Crops</td>
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<td>(Total Salary)</td>
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<tr>
<td>6. M. B. Linn, Professor of Plant Pathology</td>
<td>C-ZAY</td>
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<td>7. Richard V. Lott, Professor of Pomology</td>
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<td>(Total Salary)</td>
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<td>8. V. G. Milum, Professor of Apiculture</td>
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<td>(Total Salary)</td>
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<td>9. Dwight Powell, Professor of Plant Pathology</td>
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<td>10. F. F. Weinard, Professor of Floriculture</td>
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<td>(Total Salary)</td>
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<td>11. Charles Y. Arnold, Associate Professor of Vegetable Crops</td>
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<td>12. William P. Bemis, Associate Professor of Vegetable Crops</td>
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<td>13. J. R. Culbert, Associate Professor of Floriculture</td>
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<td>14. Daniel F. Dayton, Associate Professor of Plant Breeding</td>
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<td>15. Lothar A. Joos, Associate Professor of Climatology</td>
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<td>James R. Kamp, Associate Professor of Floriculture</td>
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<td>J. P. McCellum, Associate Professor of Vegetable Crops</td>
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<td>Roy K. Simons, Associate Professor of Pomology</td>
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<td>Anson E. Thompson, Associate Professor of Vegetable Crops</td>
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<td>22</td>
<td>John S. Titus, Associate Professor of Pomology</td>
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<td>Charles E. Ackerman, Assistant Professor of Floriculture</td>
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<td>Ashby M. Rhodes, Assistant Professor</td>
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<td>B. L. Weaver, Assistant Professor, Emeritus</td>
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<td>J. Wilson Courter, Instructor</td>
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Expense

Equipment
Equipment

Total, Wages, Expense, and Equipment

Total, Horticulture

Horticulture — Horseradish Research

Account Number 03-15-65-300

Expense

Total, Horticulture — Horseradish Research

Plant Pathology

Account Number 00-15-66-100

1. Wayne M. Bever, Professor and Head of Department
   (Total Salary) C-AY50 $ 7 625

2. Lindsay M. Black, Professor
   (Total Salary) C-ZA

3. J. Cedric Carter, Professor
   (Total Salary) C-AY

4. James W. Gerdemann, Professor
   (Total Salary) S-ZAY60 6 600

5. David Gottlieb, Professor
   (Total Salary) S-AZ80 10 000

6. Benjamin Koehler, Professor, Emeritus
   (Total Salary) S-ZR

7. Maurice B. Linford, Professor
   (Total Salary) S-AZ80 9 400

8. M. B. Linn, Professor
   (Total Salary) S-AZ80 9 400

9. Dwight Powell, Professor
   (Total Salary) S-AZ80 9 400

10. H. H. Thornberry, Professor
    (Total Salary) S-AZ80 9 400

11. Arthur L. Hooker, Associate Professor
    (Total Salary) S-AZ80 7 320

12. Michael P. Britton, Assistant Professor in Plant Pathology Extension
    (Total Salary) L-BY36 (2 800)

13. Donald W. Chamberlain, Assistant Professor
    (Total Salary) C-BY

14. Jeweus Craig, Research Associate
    (Total Salary) H-ZDY37 (2 200)

15. 0.75 Full Time Equivalent Assistants
    (Total Salary) C-DY 3 400

16. 1.25 Full Time Equivalent Assistants
    (Total Salary) S-DY 6 300

Nonacademic Salaries

Total Salaries

Wages
Wages
Expense
Expense
Equipment
Equipment

Total, Wages, Expense, and Equipment

Total, Plant Pathology

Cooperative Investigations

U.S. National Science Foundation G7265

Account Number 46-15-66-355

Jeweus Craig, Research Associate S-ZDY63 $ 3 800
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<td>I. C. A. Brandly</td>
<td>Professor and Head of Department</td>
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<td>J. O. Alberts</td>
<td>Professor</td>
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<td>Paul D. Beamer</td>
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<td>Norman D. Levine</td>
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<td>Roger P. Link</td>
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<td>Elwood F. Reber</td>
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<td>L. E. St. Clair</td>
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<td>Jesse Sampson</td>
<td>Professor</td>
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<td>Dean H. Ferris</td>
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<td>Manford E. Mansfield</td>
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<td>Lyle E. Hanson</td>
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<td>Jesse R. Pickard</td>
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<td>Dean I. Newton</td>
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<td>A. H. Safanie</td>
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Total, Salaries: $105,200
Vocational Agriculture

Account Number 00-15-75-100

1. Melvin Henderson, Professor ..................... C-AY $12,000
   (Total Salary) .................................. (9,750)
2. John W. Matthews, Associate Professor .......... C-ZAY50 875
   (Total Salary) .................................. (8,800)
3. Herbert J. Rucker, Associate Professor, Emeritus C-R ..............................
   (Total Salary) .................................. (8,750)
4. William H. Witt, Associate Professor .......... C-AY 9,750
5. John H. Herbst, Assistant Professor .......... C-ZBY50 4,400
   (Total Salary) .................................. (8,400)
6. Roland F. Espenschied, Instructor ............. C-ZDY33 2,750
   (Total Salary) .................................. (4,150)
7. Ellery L. Knake, Instructor ..................... C-DY66 5,550

Nonacademic Salaries ........................................
Total, Salaries ...........................................

Wages ..................................................................
Expense ................................................................
Total, Wages, Expense, and Equipment .............

Total, Vocational Agriculture ......................

Vocational Agriculture Revolving

Account Number 12-15-75-270

Nonacademic Salaries .................................. $ 4,020
Wages ......................................................... 3,000
Expense ....................................................... 22,000
Total, Wages, Expense, and Equipment ..........

Total, Vocational Agriculture Revolving ........

Federal Research

Account Number 21-15-00-300

Academic Salaries (see H in departmental budgets) .... $267,335
Nonacademic Salaries ...................................
Total, Salaries ...........................................

Wages ......................................................... 82,122
Expense ....................................................... 245,052
Equipment ................................................... 34,080
Total, Wages, Expense, and Equipment ..........

Total, Hatch Fund ...........................................

Regional Research Fund

Account Number 23-15-00-300

1. Academic Salaries (see R in departmental budgets) .... $52,795
Nonacademic Salaries ..................................
Total, Salaries ...........................................

Wages ......................................................... 13,600
Expense ....................................................... 25,244
Equipment ................................................... 8,000
Total, Wages, Expense, and Equipment ..........

Total, Regional Research Fund ...................

Agricultural Marketing Act Title II

Account Number 28-15-00-300

1. Academic Salaries (see T in departmental budgets) .... $3,600
Total, Salaries ...........................................

Expense ....................................................... 2,550
Total, Wages, Expense, and Equipment ..........

Total, Agricultural Marketing Act Title II ........

Federal Extension

Research and Marketing Extension Fund

Account Number 34-15-00-400

1. Academic Salaries (see K in departmental budgets) .... $23,900
Total, Salaries ...........................................

Wages ......................................................... (23,900)
Expense................................................................. 5 000
Total, Wages, Expense, and Equipment......................... (5 000)
Total, Research and Marketing Extension Fund.................. $28 900

Smith-Lever Fund
Account Number 36-15-00-400
1. Academic Salaries (see L in departmental budgets)............ $843 390
   Total, Salaries................................................... (843 390)
Wages................................................................. 18 282
Expense............................................................. 716 710
Equipment........................................................... 4 000
Total, Wages, Expense, and Equipment.............................. (738 992)
Total, Smith-Lever Fund............................................ $1 582 382

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

<table>
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<td>$142 020</td>
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<td>6 345</td>
<td>261 955</td>
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<td>50 410</td>
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<td>780</td>
<td>52 450</td>
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<td>9 000</td>
<td>372 805</td>
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<td>15 000</td>
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<td>118 110</td>
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<td>$1 213 275</td>
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<td>(1 283 715)</td>
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Organized Research
- Bureau of Economic and Business Research .72 215 19 500 91 715
- Extension and Public Services
  - Bureau of Business Management .57 910 9 400 67 310

**Total, General**................................................. $1 343 400 $99 340 $1 442 740

Restricted

<table>
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<th>Wages, Expense, and Equipment</th>
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<td>$4 400</td>
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<td>Commerce Student Placement Revolving</td>
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<td>1 200</td>
<td>1 200</td>
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<td>Estimated Endowment Income</td>
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<td>(28 200)</td>
<td>(29 400)</td>
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Organized Research
- Bureau of Economic and Business Research
  - Revolving.................................................... 5 000 5 000
- Estimated Private Gifts............................... 40 000 24 000 64 000
- Estimated U.S. Contracts............................... 1 200 1 200
| **Total, Organized Research**                    | (40 000) | (30 200)                      | (70 200) |

Extension and Public Services
- Business Management Revolving......................... 1 440 11 500 12 940

**Total, Restricted**.............................................. $42 640 $69 900 $112 540

Administration
- Paul M. Green, Dean........................................... ZBY $22 000
- C. M. Thompson, Dean and Professor of Economics, Emeritus........................................... R
- Robert G. Seymour, Director of Executive Development Center........................................... ZBY 13 000
- Dorothy Litherland, Associate Dean....................... ZBY 75 10 900 (14 000)
(Total Salary).................................................... (Includes full time in summer)
5. John L. Johnson, Director of Placement and Assistant Professor of Business Administration........................................... BY 9 200
6. Stanley C. Robinson, Professor of Business Administration................................................................. ZAY ......
7. C. Clyde Jones, Assistant Dean............................................ ZDY60 5 900
(Total Salary) ............................................ (10 000)
(Includes full time in summer)
8. Charles A. D'Ambrosio, Student Counselor........................................ ZDY50 2 450
(Total Salary) ............................................ (4 450)
9. Frank Johnson, Student Counselor........................................ ZDY30 1 450
(Total Salary) ............................................ (3 450)
(Includes half time in summer)
Nonacademic Salaries .................................................. 39 180
Total, Salaries .................................................... (104 080)
Wages .................................................. 4 000
Expense .................................................. 15 280
Contingent .................................................. 3 000
Convention Travel .................................................. 5 000
Nonrecurring Unassigned .................................................. (2 000)
Equipment .................................................. 10 600
Total, Wages, Expense, and Equipment .................................................. (37 940)
Total, Executive Development Program Revolving .................................................. $142 020

Executive Development Program Revolving
Account Number 12-17-01-122
Wages .................................................. $ 7 000
Expense .................................................. 5 000
Total, Executive Development Program Revolving .................................................. $12 000

Commerce Student Placement Revolving
Account Number 12-17-01-177
Expense .................................................. $ 1 200
Total, Commerce Student Placement Revolving .................................................. $1 200

Accountancy
Account Number 00-17-05-100
1. C. A. Moyer, Professor and Head of Department...... A $ 15 000
2. Norton M. Bedford, Professor................................. A 13 300
3. Robert I. Dickey, Professor................................. A 13 300
4. Dorothy Litherland, Professor................................. ZAY25 3 100
(Total Salary) ............................................ (14 000)
5. A. C. Littleton, Professor, Emeritus................................. R ......
6. Gaze E. Lukas, Professor................................. A 10 600
7. R. K. Mautz, Professor................................. A 13 500
8. Lloyd Morey, Professor, Emeritus................................. ZR ......
9. Hale L. Newcomer, Professor................................. A 11 500
10. Kenneth W. Perry, Professor................................. A 9 500
11. Charles F. Schlatter, Professor, Emeritus................. R ......
12. H. T. Scovill, Professor, Emeritus................................. R ......
13. F. L. Theiss, Professor, Emeritus................................. R ......
14. William E. Thomas, Jr., Professor................................. A 10 500
15. Nelson D. Wakefield, Professor................................. A 10 500
16. Gerald D. Brighton, Associate Professor................. A 8 400
17. Charles H. Griffin, Associate Professor................. A 9 200
18. Robert E. Schlosser, Associate Professor................. A 8 500
19. Donald H. Skadden, Associate Professor................. A 9 000
20. Arthur R. Wyatt, Associate Professor................. A 9 300
21. Vernon K. Zimmerman, Associate Professor................. A 8 500
22. C. C. DeLong, Assistant Professor......................... ZDY ......
23. Edwin J. DeMars, Assistant Professor......................... B 8 000
24. William L. Ferrara, Assistant Professor......................... B 7 000
25. Hellfried P. Holzer, Assistant Professor......................... B 7 500
26. Hershel M. Anderson, Instructor......................... D75 3 450
27. Harold E. Arnett, Instructor ........................................ D 4 700
28. Jack G. Barnhill, Instructor ........................................ D75 3 500
29. Nancy A. Desmond, Instructor ..................................... D 4 500
30. Philip E. Fess, Instructor ............................................. D 4 800
31. James W. Giese, Instructor ...................................... D75 3 500
32. George C. Mead, Instructor ........................................ D75 3 400
33. Thomas Williams, Instructor ...................................... D50 2 300
34. Mervyn W. Wingfield, Instructor .................................. D 4 600
35. Cecil E. Worrells, Instructor ...................................... D75 3 500
36. 5.25 Full Time Equivalent Assistants .......................... E 21 050
Nonacademic Salaries .............................................. 10 110
Total, Salaries ........................................................ (255 610)
Expense ........................................................................... 6 345
Total, Accountancy ...................................................... $261 955

Business Education

Account Number 00-17-10-100
1. Arnold C. Condon, Professor and Head of Department A .................. $12 000
2. Floyd L. Crank, Associate Professor ZD55 ................................ 3 850
(Total Salary) ......................................................................... (7 000)
3. Elizabeth R. Nelson, Associate Professor A ............................. 8 500
4. Mabel R. Hagan, Assistant Professor, Emeritus ZR ....................... 3 925
5. Ralph E. Mason, Assistant Professor, Emeritus BY50 ..................... 4 825
(Total Salary) ......................................................................... (8 750)
6. Mildred E. Reed, Assistant Professor B ..................................... 6 600
7. Anna K. Mahaffey, Assistant Professor E ............................... 4 250
8. 50 Full Time Equivalent Assistants .................................... 1 800
Nonacademic Salaries ..................................................... 1 200
Total, Salaries ..................................................................... (47 010)
Expense .............................................................................. 3 400
Total, Business Education .................................................. $50 410

Business Law

Account Number 00-17-15-100
1. E. R. Dillavou, Professor and Head of Department A .............................................. $16 000
2. C. C. Curtis, Professor, Emeritus R ...........................................
3. Paul C. Roberts, Professor A ................................................. 11 000
4. B. F. Kirkpatrick, Associate Professor A ................................... 8 000
5. Robert L. Black, Jr., Assistant Professor B .................................. 6 900
6. Robert N. Corley, Assistant Professor B ................................. 7 250
7. John B. Hyde, Assistant Professor B12 .................................. 900
Nonacademic Salaries ..................................................... 1 620
Total, Salaries ................................................................... (51 670)
Expense .............................................................................. 780
Total, Business Law .............................................................. $52 450

Economics

Account Number 00-17-20-100
1. J. F. Bell, Professor Chairman of Department A] .............................................. $16 000
2. H. K. Allen, Professor B] .................................................. 13 750
(On leave with pay second semester 1959-60)
3. V. Lewis Basse, Professor ZAY ...........................................
4. Hans J. Brems, Professor A ................................................... 13 100
5. Pembroke H. Brown, Professor, Emeritus R ................................... 13 300
6. Ellison Chalmers, Professor ZAY ...........................................
7. John F. Due, Professor A ...................................................... 13 300
8. Robert Ferber, Research Professor ZAY ...................................
9. Dwight P. Flanders, Professor A ............................................. 12 250
10. H. M. Gray, Professor A ...................................................... 12 500
11. Robert W. Harbeson, Professor A ........................................... 11 000
12. Donald L. Kemmerer, Professor A .......................................... 13 100
(On leave without pay second semester 1959-60)
### Nonacademic Salaries

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<th>Position</th>
<th>Full Time Equivalent Assistants</th>
<th>Nonacademic Salaries Expense</th>
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<td>(Total Salary)</td>
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<td>(13,750)</td>
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<td>D. Philip Locklin, McKinley Professor of the Economics of Public Utilities</td>
<td>ZAY 40,000</td>
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<td>Total Salaries</td>
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<td>Total, Economics</td>
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### Cooperative Investigations

**W. B. McKinley Economics Professorship in Public Utility**

Account Number 44-17-20-152

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<td>Total</td>
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<td>(Total Salary)</td>
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### Finance

| Account Number 00-17-22-100     |                                 | Salaries of Public Utilities |
|---------------------------------|                                 | ZAY 25,000                    |
| Total                           |                                 | $3,000                        |
| (Total Salary)                  |                                 | (132,940)                     |
| Expense                         |                                 | 3,375                         |
| Total, Finance                  |                                 | $136,315                      |
Graduate School of Business Administration

Account Number 00-17-23-100
1. Paul M. Green, Director .................................................. ZBY
   Professor of Business Administration ................................ AY
2. Leslie A. Bryan, Assistant Director ................................ B)
   Professor ......................................................................... AJ
   Total, Salaries ...........................................................(12 000)
Wages ........................................................................ 900
Expense ........................................................................ 1 100
Equipment ........................................................................ 1 000
Total, Wages, Expense, and Equipment ................................ (3 000)
Total, Graduate School of Business Administration ................. $15 000

Management

Account Number 00-17-25-100
1. Stewart Y. McMullen, Professor and Head of Department .......... AY)
2. A. G. Anderson, Professor, Emeritus .................................... R
3. Leslie A. Bryan, Professor .................................................. ZAY
4. Paul M. Dauten, Jr., Professor ............................................. A
5. M. J. Mandeville, Professor ............................................... A
6. Earl G. Planty, Professor .................................................... A
7. Irvin L. Heckmann, Jr., Associate Professor .......................... A
8. H. M. Edwards, Assistant Professor, Emeritus ....................... ZR
9. Joseph Litterer, Assistant Professor ................................. B
10. Emanuel C. Salemi, Assistant Professor ............................... B
11. Leslie L. D. Shaffer, Instructor .............................. D
12. Clarence A. Sims, Instructor ................................................. D
13. Paul M. Dauten, Jr., Instructor ............................................. E
14. 4.25 Full Time Equivalent Assistants .................................. 4 710
Nonacademic Salaries ......................................................... 4 710
Total, Salaries ................................................................. (114 810)
Expense ........................................................................ 3 390
Total, Management .............................................................. $118 110

Marketing

Account Number 00-17-30-100
1. H. W. Huery, Professor and Head of Department .................. A
2. E. H. Beach, Professor .......................................................... A
3. P. D. Converse, Professor, Emeritus .................................... R
4. Fred M. Johnson, Professor .................................................. A
5. Robert V. Mitchell, Professor .............................................. A
6. F. A. Russell, Professor, Emeritus ....................................... R
7. Hugh G. Wales, Professor .................................................. A
8. Nugent Wedding, Professor ................................................. A
9. Richard D. Millican, Associate Professor .............................. A
10. Donald W. Scotton, Associate Professor .............................. A
11. Lloyd M. DeBoer, Assistant Professor ................................. B
12. Richard M. Hill, Assistant Professor ................................. B
13. Louis D. Volpp, Assistant Professor ................................. B
14. Harry H. Elwell, Jr., Instructor ........................................ D50
15. Walter L. Ogilvie, Instructor .............................................. D
16. James P. Tushaus, Instructor ............................................. D50
17. Frank Johnson, Assistant .................................................. ZDY40
18. 1.00 Full Time Equivalent Assistants .............................. 3 600
Nonacademic Salaries ......................................................... 4 200
Total, Salaries ................................................................. (131 350)
Expense ........................................................................ 3 300
Total, Marketing ................................................................. $134 650

Bureau of Economic and Business Research

Account Number 00-17-35-300
1. V Lewis Bassie, Director .................................................. ZBY
   $14 300
2. Robert Ferber, Research Professor of Economics ZAY25 3 175 (Total Salary) (12 200)
3. Marvin Frankel, Research Associate Professor AY 10 400
4. Joseph D. Phillips, Jr., Research Associate Professor of Economics AY 10 500
5. Ruth A. Birdzell, Research Associate DY50 3 400
6. ———, Research Associate. DY45 2 600
7. 4.00 Full Time Equivalent Assistants. DY 18 300
Nonacademic Salaries Total, Salaries (72 215)
Wages Total, Wages, Expense, and Equipment (19 500)
Expense
Total, Bureau of Economic and Business Research Revolving $ 91 715

Bureau of Economic and Business Research Revolving
Account Number 12-17-35-370
Total, Bureau of Economic and Business Research Revolving $ 5 000

Cooperative Investigations
FORD FOUNDATION — CONSUMER SAVINGS
Account Number 44-17-35-327
Total, Ford Foundation — Consumer Savings $ 24 525

Bureau of Business Management
Account Number 00-17-40-400
Total, Salaries $ 5 400

Business Management Revolving
Account Number 12-17-40-470
Nonacademic Salaries $ 1 440
Expense $ 11 500
Total, Business Management Revolving $ 12 940

COLLEGE OF EDUCATION

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### General (Concluded)

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<td>Student Teaching</td>
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<td>Industrial Education</td>
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**University Council on Teacher Education**

| Administration | 27 780 | 4 510 | 32 290 |
| Illinois Curriculum Program | 5 600 | 5 600 |
| Placement and Follow-Up | 15 020 | 63 250 |
| Teacher Training Counseling | 200 | 51 948 |

**Total, University Council on Teacher Education**

| 127 758 | 24 730 | 152 488 |

**Organized Activities Relating to Instruction**

| University High School | 161 934 | 13 300 | 175 234 |

**Organized Research**

| Bureau of Educational Research — General | 116 540 | 13 060 | 129 600 |
| Institute for Research on Exceptional Children | 57 675 | 2 650 | 60 325 |

**Total, Organized Research**

| 174 215 | 15 710 | 189 925 |

**Extension and Public Services**

| Educational Survey | 21 400 | 1 000 | 22 400 |
| Bureau of Educational Research—Evaluation | 38 950 | 3 200 | 42 150 |

**Total, Extension and Public Services**

| 60 350 | 15 550 | 75 900 |

**Total, General**

| 262 772 | 155 090 | 417 862 |

### Restricted

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<td>Estimated U.S. Contracts</td>
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<td>12 000</td>
<td>22 000</td>
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**Total, Instruction**

| (12 640) | (16 900) | (29 540) |

**Organized Research**

| University High School Mathematics Publications | 10 000 | 10 000 |
| Estimated Indirect Costs | 5 000 | 5 000 |
| Estimated Private Gifts | 130 000 | 55 000 | 185 000 |
| Estimated U.S. Contracts | 25 000 | 8 500 | 33 500 |

**Total, Organized Research**

| (155 000) | (78 500) | (233 500) |

**Extension and Public Services**

| Educational Surveys Revolving | 27 200 | 10 500 | 37 700 |
| Education Testing Revolving | 5 940 | 27 460 | 33 400 |
| Estimated Private Gifts | 5 000 | 5 000 |

**Total, Extension and Public Services**

| (33 140) | (42 960) | (76 100) |

**Total, Restricted**

| $200 780 | $138 360 | $339 140 |

### Administration

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<td>2. Charles M. Allen, Associate Dean</td>
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<tr>
<td>3. F. H. Finch, Coordinator of Graduate Study</td>
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<td>Professor of Education</td>
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<tr>
<td>4. Gilbert C. Finlay, Assistant Dean</td>
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(Total Salary) (12 300)

(On leave without pay 80 per cent time from September 1, 1959, to June 14, 1960)
Nonacademic Salaries ........................................... 17,910
Total, Salaries .................................................. (57,080)
Wages ................................................................. 600
Expense .............................................................. 3,000
Contingent .......................................................... 5,000
Convention Travel .................................................. 5,700
Nonrecurring Unassigned ....................................... (2,000)
Equipment .......................................................... 400
Total, Wages, Expense, and Equipment ....................... (14,700)
Total, Administration ............................................ $71,760

Agricultural Education

Account Number 00-20-05-100
1. George P. Deyoe, Professor ................................. AY $13,800
(On leave with pay second semester 1959-60)
2. H. M. Hamlin, Professor ........................................ AY 16,800
3. Lloyd J. Phipps, Professor ................................. AY 12,050
4. Alfred H. Krebs, Associate Professor .................. ZAY 4,925
(Total Salary) ..................................................... (9,850)
5. Paul E. Hemp, Assistant Professor ...................... BY 7,750
6. 0.50 Full Time Equivalent Assistants .................. E 3,750
Nonacademic Salaries ............................................ 3,750
Total, Salaries ..................................................... (60,875)
Wages ................................................................. 400
Expense .............................................................. 2,700
Equipment .......................................................... 100
Total, Wages, Expense, and Equipment ....................... (3,200)
Total, Agricultural Education ................................ $64,075

Education

Account Number 00-20-10-100
1. Archibald W. Anderson, Professor ........................... A $10,250
(On leave with pay first semester 1959-60)
2. Fred P. Barnes, Professor ...................................... A 10,300
3. Thomas E. Benner, Professor ................................. A 11,600
4. G. M. Blair, Professor ........................................... A 10,150
(On leave with pay first semester 1959-60)
5. Harry S. Broudy, Professor .................................... A 10,500
6. R. Will Burnett, Professor ................................. A 10,450
(On leave without pay two years from September 1, 1958)
7. A. W. Clevenger, Professor, Emeritus .................... R ..........................
8. John J. DeBoer, Professor .................................... A 9,950
9. E. W. Dolch, Professor, Emeritus .......................... R ..........................
10. James J. Gallagher, Professor .............................. ZAY 2,260
(Total Salary) ..................................................... (9,450)
11. Coleman R. Griffith, Professor ........................... A 13,500
12. Harold C. Hand, Professor ................................. A 13,850
(On leave with pay first semester 1959-60)
13. Kenneth B. Henderson, Professor .......................... A 11,100
14. R. Stewart Jones, Professor .................................. A 10,100
15. Walter V. Kaulfers, Professor .............................. A 9,900
16. G. C. Kettelkamp, Professor .............................. AY 11,100
17. Samuel A. Kirk, Professor ................................. ZAY 4,200
(Total Salary) ..................................................... (16,800)
18. Clyde G. Knapp, Professor .................................. A 9,400
19. John E. McGill, Professor ................................. A 9,900
20. Perry E. Miller, Professor .................................. A 12,000
21. Walter J. Moore, Professor ................................. A 9,000
(On leave with pay first semester 1959-60)
22. T. Ernest Newland, Professor .............................. A 9,200
23. C. W. Odell, Professor, Emeritus ........................ R ..........................
24. Merle M. Ohlsen, Professor ................................. A 11,000
25. Robert E. Pingry, Professor................. ZA55
   (Total Salary) ................................ (5 150)
   (Total Salary) ................................ (9 400)
26. Edward F. Potthoff, Professor.............. ZAY25
   (Total Salary) ................................ (3 520)
   (Total Salary) ................................ (15 000)
27. C. W. Sanford, Professor.................... ZAY
   (Total Salary) ................................
28. Harold A. Schultz, Professor of Art Education
   ZA33
   (Total Salary) ................................ (3 690)
   (Total Salary) ................................ (11 100)
29. J. H. Shores, Professor...................... A
   (Total Salary) ................................ 11 100
30. Ray H. Simpson, Professor................... A
   (Total Salary) ................................ 11 100
31. Daniel W. Snader, Professor.................. ZA50
   (Total Salary) ................................ (4 200)
   (On leave without pay three years from March 1, 1959)
   (Total Salary) ................................ (8 400)
32. W. O. Stanley, Professor..................... A
   (Total Salary) ................................ 10 700
33. Celia B. Stendler, Professor.................. A
   (Total Salary) ................................ 10 750
34. J. Myron Atkin, Associate Professor........ A
   (Total Salary) ................................ 9 400
35. Floyd L. Cranck, Associate Professor....... ZD45
   (Total Salary) ................................ 3 150
   (Total Salary) ................................ (7 000)
36. L. B. Fisher, Associate Professor......... ZAY50
   (Total Salary) ................................ (5 825)
   (Total Salary) ................................ (11 650)
37. Norman E. Gronlund, Associate Professor... A
   (Total Salary) ................................ 9 000
38. W. E. Harnish, Associate Professor, Emeritus R
   (Total Salary) ................................ ....
39. Ann E. Jewett, Associate Professor......... ZA75
   (Total Salary) ................................ (6 225)
   (On leave with pay second semester 1959-60)
   (Total Salary) ................................ (8 300)
40. Charles E. Johnson, Associate Professor... A
   (Total Salary) ................................ 8 500
41. Colleen J. Kirk, Associate Professor....... ZA50
   (Total Salary) ................................ (3 900)
   (Total Salary) ................................ (7 800)
42. Walter M. Lifton, Associate Professor...... A
   (Total Salary) ................................ 8 000
43. Liesette J. McHarry, Associate Professor, Emerita R
   (Total Salary) ................................ ....
44. Foster McMurray, Associate Professor...... A
   (Total Salary) ................................ 7 800
45. Lawrence E. Metcalf, Associate Professor... A
   (Total Salary) ................................ 8 800
46. Fred C. Prof, Associate Professor......... A
   (Total Salary) ................................ 8 800
47. G. W. Reagan, Associate Professor, Emeritus R
   (Two years from September 1, 1958)
   (Total Salary) ................................ ....
48. Sidney Rosen, Visiting Associate Professor G
   (Paid from item 6)
   (Two years from September 1, 1958)
   (Total Salary) ................................ (8 400)
49. J. Richard Suchman, Associate Professor... A
   (Total Salary) ................................ 7 900
50. Joe R. Burnett, Assistant Professor....... D
   (Total Salary) ................................ 7 200
51. Kenneth Burns, Assistant Professor........ ZB40
   (Total Salary) ................................ (2 600)
   (On leave with pay first semester 1959-60)
   (Total Salary) ................................ (6 500)
52. Herbert Goldstein, Assistant Professor.... ZB50
   (Total Salary) ................................ 3 950
   (Total Salary) ................................ (7 900)
53. Orrin E. Gould, Assistant Professor....... B
   (Total Salary) ................................ 7 000
54. Mabel R. Hagan, Assistant Professor, Emerita ZR
   (Total Salary) ................................ ....
55. Clifford E. Howe, Assistant Professor.... ZB43
   (Total Salary) ................................ 3 035
   (Total Salary) ................................ (7 050)
56. Nell C. B. Johnston, Assistant Professor, Emerita R
57. Kenneth M. Lansing, Assistant Professor... B
   (Total Salary) ................................ 7 650
58. Theodore Manolakes, Assistant Professor... D
   (Total Salary) ................................ 7 000
59. F. James Rybak, Head of Student Teaching and Assistant
    Professor ................................... BY
   (Total Salary) ................................ 9 200
60. Algard P. Whitney, Assistant Professor... D
   (Total Salary) ................................ 6 350
61. Raymond E. Williams, Assistant Professor.. ZB50
   (Total Salary) ................................ (3 425)
   (Total Salary) ................................ (6 850)
62. __________, Assistant Professor............ B
   (Total Salary) ................................ 9 000
63. __________, Assistant Professor............ B
   (Total Salary) ................................ 6 550
64. Frances L. Johnson, Instructor............. ZD50
   (Total Salary) ................................ 2 750
   (Total Salary) ................................ (5 500)
65. Norman Roseman, Research Assistant........ ZDY50
   (Total Salary) ................................ (2 700)
   (Total Salary) ................................ (5 400)
66. 11.62 Full Time Equivalent Assistants..... E
   (Total Salary) ................................ 46 650

BOARD OF TRUSTEES

[July 21]
UNIVERSITY OF ILLINOIS

67. 6.75 Student Teaching Assistants.................. E 30 250
68. 0.50 Full Time Equivalent Assistants............. DY 2 200
Nonacademic Salaries ........................................ 36 525
Total, Salaries ............................................. (548 105)
Wages ........................................................... 4 600
Wages, Student Teaching .................................... 30 600
Expense, General ............................................. 11 100
Expense, Student Teaching .................................. 16 000
Expense, Education Articulation ........................... 2 250
Expense, Journal of Educational Theory .................. 3 000
Equipment ........................................................ 600
Total, Wages, Expense, and Equipment ................... (68 150)
Total, Education ............................................. $616 255

Cooperative Investigations
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE G5
Account Number 46-20-10-116
1. Cecil H. Patterson, Associate Professor ............ DY $ 11 600

Home Economics Education
Account Number 00-20-15-100
1. Letitia E. Walsh, Professor ............................ A $ 9 950
2. Mary E. Mather, Associate Professor ................. ZA80 6 040
(Total Salary) ............................................. (15 990)
3. Elizabeth J. Simpson, Associate Professor .......... A 8 000
4. 0.75 Full Time Equivalent Assistants ................. E 3 375
Total, Salaries ............................................. (27 365)
Wages ........................................................... 2 200
Expense ........................................................ 1 300
Equipment ...................................................... 100
Total, Wages, Expense, and Equipment ................... (3 600)
Total, Home Economics Education ......................... $ 30 965

Industrial Education
Account Number 00-20-20-100
1. Rupert N. Evans, Professor .............................. A $ 10 550
2. M. Ray Karnes, Professor ................................. A 11 650
3. A. F. Dodge, Professor, Emeritus ...................... R ....
4. A. B. Mays, Professor, Emeritus ....................... R ....
5. Donald G. Lux, Associate Professor .................... ZA85 7 310
(Total Salary) ............................................. (8 660)
6. Charles B. Porter, Associate Professor ............... A 7 600
7. Robert A. Tinkham, Associate Professor .............. A 8 000
(On leave with pay first semester 1959-60)
Total, Salaries ............................................. (45 110)
Wages ........................................................... 1 800
Expense ........................................................ 5 500
Equipment ...................................................... 200
Total, Wages, Expense, and Equipment ................... (7 500)
Total, Industrial Education ................................. $ 52 610

University Council on Teacher Education

Administration
Account Number 00-20-25-100
1. Charles M. Allen, Coordinator .......................... ZBY $ 15 000
Nonacademic Salaries ......................................... 12 780
Total, Salaries ............................................. (27 780)
Wages ........................................................... 1 410
Expense ........................................................ 2 450
Expense, Illinois Curriculum Program ..................... 5 000
Equipment ...................................................... 650
Total, Wages, Expense, and Equipment ................... (9 510)
Total, Administration ........................................ $ 37 290
### Placement and Follow-Up

Account Number 00-20-30-100

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<td>(On leave without pay 83 per cent time)</td>
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<tr>
<td>Associate Professor</td>
<td>J. Marlowe Slater</td>
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<td>Assistant Professor</td>
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### Teacher Placement and Follow-Up Revolving

Account Number 12-20-30-170

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### Teacher Training Counseling

Account Number 00-20-35-100

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<th>Position</th>
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<tr>
<td>Head of Counseling Service</td>
<td>Gilbert C. Finlay</td>
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<td>(On leave without pay 80 per cent time from September 1, 1959, to June 14, 1960)</td>
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<td>($12,300)</td>
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<td>Counselor</td>
<td>Julius N. Hook</td>
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<td>Counselor</td>
<td>John J. O'Neill</td>
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<td>(Total Salary)</td>
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<td>Counselor</td>
<td>Harold A. Schultz</td>
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<td>Wilson N. Stewart</td>
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<td>Velma K. Wilson</td>
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<td>Edward H. Heath</td>
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20. 1.50 Full Time Equivalent Assistants .................. DY 6 600

Total, Salaries ........................................... (51 748)

Wages .......................................................... 100
Expense ................................................................ 100

Total, Wages, Expense, and Equipment ....................... (200)

Total, Teacher Training Counseling ............................ $ 51 948

University High School

Account Number 00-20-45-200

1. David M. Jackson, Principal, Associate Professor of Education AY $ 11 150

2. Max Beberman, Professor of Education ZA85 10 660

(Total Salary) ...................................................(11 750)

3. Ella Leppert, Associate Professor of Education A 8 750
4. Pauline E. Changnon, Assistant Professor of Education B 6 700
5. David A. Page, Assistant Professor of Education ZBY16 1 000

(Total Salary) ...................................................(12 000)

6. W. L. Shoemaker, Assistant Professor of Education B 6 900
7. J. E. Brown, Assistant Professor of Education B 7 500
8. Harry F. Breen, Jr., Instructor in Education D 5 200
9. Roger K. Brown, Instructor in Education D 7 700
10. Marjorie E. Miller, Instructor in Library Administration ZDY 6 000
11. Warren H. Schuetz, Instructor in Education D 6 500
12. Paul Westmeyer, Instructor in Education D 6 500
13. Frances D. Wilson, Instructor in Education, Emerita R 5 400
14. Robert G. Carlier, Assistant in Education E 5 400
15. Erica A. Fosdick, Assistant in Education E 5 300
16. Loren V. Grissom, Assistant in Education E 5 400
17. William T. Hale, Assistant in Education E 5 700

(Total Salary) ...................................................(6 900)

18. Roy J. Keller, Assistant in Education E75 3 750
19. Carol V. Palmer, Assistant in Education E 5 200
20. Roxane K. Riva, Assistant in Education E 5 200
21. Helen L. Stevens, Assistant in Education E 5 200
22. 6.25 Full Time Equivalent Assistants E 30 324

Nonacademic Salaries ........................................... 12 000
Nonacademic Salaries, Nonrecurring ...........................(2 760)

Total, Salaries ...................................................(161 034)

Wages ................................................................ 1 300
Expense ................................................................ 9 500
Equipment ................................................................ 2 500

Total, Wages, Expense, and Equipment ...........................(13 300)

Total, University High School ................................... $175 234

University High School — Mathematics Publications Revolving

Account Number 12-20-45-380

Expense ................................................................ 1 000

Total, University High School — Mathematics Publications Revolving ................................... $ 10 000

Cooperative Investigations

Carnegie Institute — Cooperative Programs in Mathematics

Account Number 44-20-45-312

1. Max Beberman, Professor of Education ZA15 $ 1 690

2. Gertrude Hendrix, Research Assistant Professor of Education BY 11 000
3. M. Eleanor McCoy, Research Assistant Professor of Education DY 9 500
4. Japheth Hall, Jr., Visiting Research Associate E50 3 000
5. Martin S. Wolfe, Research Associate in Education G 5 500

(Effective August 16, 1959, through June 15, 1960)
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BOARD OF TRUSTEES

[July 21

6. Barbara I. Baum, Research Assistant in Education E 4 250
7. William T. Hale, Research Assistant in Education ZE18 1 200
   (Total Salary) ........................................... (6 900)

Total, Carnegie Institute—Cooperative Programs in Mathematics $34 940

Carnegie Institute—Cooperative Programs in Arithmetic

Account Number 44-20-45-312
1. David A. Page, Assistant Professor of Education ZBY12 1 500
   (Total Salary) ........................................... (12 000)
2. Harlan G. H. Bartram, Research Associate in Education D 7 500
3. Lore May Rasmussen, Visiting Research Associate in Education E 6 000

Total, Carnegie Institute—Cooperative Programs in Arithmetic $15 000

General

Bureau of Educational Research

Account Number 00-20-50-300
1. William P. McLure, Director BY1 Professor of Education AY $13 950
2. David P. Ausubel, Professor of Education AY 12 450
3. Lee J. Cronbach, Professor of Education ZAY 17 850
4. Nathaniel L. Gage, Professor of Education AY 12 700
5. W. S. Monroe, Distinguished Professor of Education, Emeritus R ....
6. B. Othanel Smith, Professor of Education A 13 550
7. Henry F. Kaiser, Associate Professor of Education AY 9 500
8. ———, Assistant Professor of Education AY 8 400
9. 3.00 Full Time Equivalent Assistants. DY 13 200

Nonacademic Salaries 14 940
Total, Salaries (116 540)

Wages 4 700
Expense 8 260
Equipment 100
Total, Wages, Expense, and Equipment (13 060)
Total, Bureau of Educational Research—General $120 600

Cooperative Investigations


Account Number 46-20-50-316
1. Milton O. Meux, Research Associate in Education DY $6 600

U.S. Department of Health, Education, and Welfare SAE 8141

Account Number 46-20-50-318
1. Dora E. Damrin, Research Assistant Professor of Education ZDY51 $4 700
   (Total Salary) ........................................... (9 300)

U.S. Public Health Service M1839

Account Number 46-20-50-367
1. Goldine C. Geser, Research Associate Professor of Education DY25 $2 550
2. Nageswari Rajaratnam, Research Associate in Education DY 7 200

Total, U.S. Public Health Service M1839 $9 750

Educational Surveys

Account Number 00-20-55-400
1. M. R. Sumption, Director BY1 Professor of Education AY $12 750
2. Basil Castaldi, Associate Professor of Education A 8 650
   Total, Salaries (21 400)
   Expense 1 000

Total, Educational Surveys $22 400
### Educational Surveys Revolving

Account Number 12-20-55-478

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<td>1. Aaron W. Harper, Assistant Professor of Education in the Bureau of Educational Research</td>
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<td>2. William R. McConnell, Assistant Professor of Education in the Bureau of Educational Research</td>
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<td>$ 1 500</td>
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### Evaluation

Account Number 00-20-60-400

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<td>1. J. Thomas Hastings, University Examiner, Technical Director of Evaluation Unit, and Professor of Education</td>
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<td>2. Philip J. Runkel, Associate Professor</td>
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<td>3. Dora E. Damrin, Research Assistant Professor</td>
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### Educational Testing Revolving

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### Institute for Research on Exceptional Children

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<td>3. Lawrence M. Stolurrow, Professor</td>
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<td>4. Bernard Farber, Assistant Professor</td>
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<td>5. Herbert Goldstein, Assistant Professor</td>
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<td>6. Clifford E. Howe, Assistant Professor</td>
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Cooperative Investigations
CEREBRAL PALSY ASSOCIATION — LANGUAGE OF PRE-SCHOOL
Account Number 44-20-70-312
I. James J. McCarthy, Research Assistant Professor... BY $ 8,950

### COLLEGE OF ENGINEERING

#### General

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Administration

Account Number 00-22-01-100; College 00-22-01-100; Station 00-22-01-300

1. W. L. Everitt, Dean .............................................. C-ZBY $22,000
2. H. H. Jordan, Associate Dean and Professor of General Engineering, Emeritus .................. C-R
3. Ross J. Martin, Director of Engineering Experiment Station ........................................... S-ZBY 17,500
4. Stanley H. Pierce, Associate Dean .............................................. C-ZBY 17,500
5. Howard L. Wakeland, Assistant Dean .............................................. C-ZBY 9,500
6. David R. Opperman, Assistant Dean .............................................. C-ZBY 8,400
7. Edwin McClintock, Jr., Editor and Director of Engineering Information and Publications ........... S-ZBY 13,000
8. Elmer F. Heater, Research Associate Professor, Emeritus .............................................. S-R
9. Paul T. Bryant, Assistant Editor with rank of Instructor .............................................. S-ZDY 50,400
10. Laura E. Rhodes, Assistant Editor .............................................. S-DY 4,500
11. 6.25 Full Time Equivalent Research Assistants .............................................. S-E 24,300
12. 0.50 Editorial Assistants .............................................. S-E 1,900

Nonacademic Salaries

13. Nonacademic Salaries .............................................. C 48,270
14. Nonacademic Salaries .............................................. S 20,780

Total Salaries

(191,850)

Total, Administration

$261,500

Engineering Student Placement Revolving

Account Number 12-22-01-177

Expense .............................................. C $4,000

Total, Engineering Student Placement Revolving .............................................. $4,000

Engineering Experiment Station Testing Revolving

Account Number 12-22-01-322

Expense .............................................. S $400

Total, Engineering Experiment Station Testing Revolving .............................................. $400

Engineering Publications Revolving

Account Number 12-22-01-368

Expense .............................................. S $1,000

Total, Engineering Publications Revolving .............................................. $1,000

American Society for Engineering Education Secretary

Account Number 44-22-01-402

1. W. Leighton Collins, Professor of Theoretical and Applied Mechanics, assigned to American Society for Engineering Education .............................................. E-ZA75 $8,400

(Total Salary) .............................................. (11,200)
2. Paul T. Bryant, Assistant Editor with rank of Instructor... ZDY 50 4 200

Total, American Society for Engineering Education Secretary $12 600

Aeronautical Engineering

Account Number 00-22-05-100; College 00-22-05-100; Station 00-22-05-300
1. H. S. Stillwell, Professor and Head of Department C-A $16 500
2. John M. Coan, Jr., Professor C-A 10 000
3. Bruce L. Hicks, Professor C-ZAY 55 7 800
   (Total Salary) (14 200)
4. Harry H. Hilton, Professor C-A 11 000
5. M. Z. Krzywoblocki, Professor C-A 8 800
6. Robert W. McCloy, Professor C-A 11 600
7. Allen I. Ormsbee, Professor C-A 10 500
8. Shee Mang Yen, Associate Professor C-A 9 000
9. , Associate Professor C-A 9 000
10. Harold O. Barthel, Research Assistant Professor S-B 8 600
11. Edward A. Stannard, Instructor C-D 7 000
12. , Instructor C-D 5 000
13. , Instructor C-D 75 4 380
14. 2.75 Full Time Equivalent Assistants C-E 10 800
15. 0.50 Full Time Equivalent Research Assistants S-E 1 900
Nonacademic Salaries C 39 870

Total, Salaries (171 840)
Wages C 4 800
Expense C 10 300
Equipment C 7 500

Total, Wages, Expense, and Equipment (22 600)

Total, Aeronautical Engineering $194 440

Ceramic Engineering

Account Number 00-22-10-100; College 00-22-10-100; Station 00-22-10-300
1. A. I. Andrews, Professor and Head of Department C-A $15 700
2. Alfred W. Allen, Professor C-A 10 500
3. R. L. Cook, Professor C-A 12 000
4. A. L. Friedberg, Professor S-A 11 000
5. F. V. Tooley, Professor of Glass Technology C-A 8 600
6. , Associate Professor C-A 7 800
7. Robert J. Beals, Assistant Professor C-B 8 000
8. James A. Nelson, Assistant Professor C-B 9 000
Nonacademic Salaries C 18 900

Total, Salaries (191 500)
Wages C 8 500
Wages S 150
Expense C 16 000
Expense S 1 000
Equipment C 2 000
Equipment S 500

Total, Wages, Expense, and Equipment (20 500)

Total, Ceramic Engineering $122 000

Ceramic Glass Conference Revolving

Account Number 12-22-10-132
Expense C $ 2 000

Total, Ceramic Glass Conference Revolving $ 2 000

Cooperative Investigations

BENDIX AVIATION — CERAMETALLIC

Account Number 44-22-10-306
1. Richard J. Herbst, Research Assistant S-DY $ 6 000
2. , Research Assistant S-DY 5 280

Total, Bendix Aviation — Cerametallic $11 280
**GRIFFIN WHEEL COMPANY — STEEL CASTING REFRACTORIES**

Account Number 44-22-10-332

1. Tracy A. Willmore, Research Associate Professor .......................... S-AY $8,400
2. Phillip D. Zimmerman, Research Assistant ................................. S-DY $5,280

*Total, Griffin Wheel Company—Steel Casting Refractories* $13,680

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**U.S. AIR FORCE 6192**

Account Number 46-22-10-310

1. Dwight G. Bennett, Research Professor ................................. S-ZDY $6,450

*(Total Salary)* $6,450

2. Henry G. Lefort, Jr., Research Associate ............................... S-DY $7,650

*Total, U.S. Air Force 6192* $14,100

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**U.S. AIR FORCE 6283**

Account Number 46-22-10-311

1. Dwight G. Bennett, Research Professor ................................. S-ZDY $6,450
2. Julian H. Lauchner, Research Associate Professor ..................... S-DY $9,800

*Total, U.S. Air Force 6283* $16,250

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**Chemical Engineering**

Account Number 00-22-15-300

1. Max S. Peters, Professor .................................................. S-ZA43 $5,375
2. Harry G. Drickamer, Professor ........................................... S-ZA $7,000
3. H. F. Johnstone, Research Professor .................................. S-ZA50 $7,000

*(Total Salary)* $12,500

4. Sherlock Swann, Jr., Research Professor ............................ S-AY $11,000
5. Frederick G. Straub, Research Professor, *Emeritus* ............... S-R $7,000
6. James W. Westwater, Professor ........................................ S-ZA $7,000
7. Thomas J. Hanretty, Associate Professor ............................ S-ZA $7,000
8. Daniel D. Poppelmutter, Assistant Professor .......................... S-ZB $7,000
9. John A. Quinn, Assistant Professor .................................. S-ZB $7,000

*Nonacademic Salaries* $5,788

*(Total Salaries)* $20,163

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**Civil Engineering**

Account Number 00-22-20-100; College 00-22-20-100; Station 00-22-20-300

1. N. M. Newmark, Professor and Head of Department .................. C-A $19,500
2. J. W. Briscoe, Professor and Associate Head of Department .......... C-A $10,500
3. William C. Ackermann, Professor .................................... C-D $7,000
4. H. E. Babbitt, Professor, *Emeritus* .................................. C-R $7,000
5. E. E. Bauer, Professor ............................................. C-A $8,700
6. Ven Te Chow, Professor of Hydraulic Engineering .................. S-ZA40 $4,040

*(Total Salary)* $33,463

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7. Ellis Danner, Professor of Highway Engineering ..................... C-A $13,000
8. Don U. Deere, Professor ............................................. C-ZA67 $7,340

*(Total Salary)* $20,340

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9. G. H. Dell, Professor .................................................. C-A $9,500
10. J. J. Doland, Professor, *Emeritus* ................................ C-R $7,000
11. Richard Engelbrecht, Professor of Sanitary Engineering .......... S-A $9,000
12. Edwin H. Gaylord, Jr., Professor ................................... C-A $13,000
13. William J. Hall, Professor ........................................ C-A $10,000
14. John D. Haltiwanger, Professor .................................... C-A $9,600
15. William W. Hay, Professor of Railway Civil Engineering ......... C-A $9,600
16. W. C. Huntington, Professor, *Emeritus* .......................... C-ZR $7,000
17. Herbert O. Ireland, Professor ..................................... C-ZA40 $3,720

*(Total Salary)* $69,300
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Total, Wages, Expense, and Equipment = $570 435

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Civil Engineering Testing Revolving

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Cooperative Investigations

ASSOCIATION OF AMERICAN RAILROADS — FILTER MATERIALS

Account Number 44-22-20-304
1. David C. N. Robb, Research Associate ..................  S-ZD25  $ 1,300

U.S. AIR FORCE 544
Account Number 46-22-20-300
1. George K. Sinnamon, Associate Professor ..................  S-ZA50  $ 4,100
2. George F. McDonough, Assistant Professor .................  S-ZB50  $ 3,400
3. John T. Hanley, Research Associate ........................  S-D  $ 6,600
4. Richard N. Wright III, Instructor ..........................  S-ZD50  $ 3,150

Total, U.S. Air Force 544 .......................................  $17,250

U.S. AIR FORCE 464
Account Number 46-22-20-309
1. Richard L. Jennings, Research Associate ..........  S-D  $ 5,800

U.S. AIR FORCE 468
Account Number 46-22-20-311
1. Arthur Feldman, Assistant Professor .....................  S-ZB50  $ 3,400
2. William Egger, Jr., Research Associate ..................  S-D  $ 6,700
3. Raymond E. Untrauer, Research Associate .................  S-ZD50  $ 3,600
(Total Salary) ..................................................  (7,700)

Total, U.S. Air Force 468 .......................................  $13,700

U.S. AIR FORCE 34763
Account Number 46-22-20-312
1. John G. Hammer, Associate Professor .....................  S-ZA50  $ 4,250
(Total Salary) ..................................................  (8,500)
2. J. L. Merritt, Assistant Professor ........................  S-ZB50  $ 3,750
4. Stanley L. Paul, Instructor .................................  S-D  $ 6,000

Total, U.S. Air Force 34763 ....................................  $15,550

U.S. AIR FORCE 1162
Account Number 46-22-20-313
1. John G. Hammer, Associate Professor .....................  S-ZA50  $ 4,250
2. Joseph P. Murtha, Research Associate ....................  S-ZD25  $ 1,550
3. William C. Schnobrich, Research Associate ...............  S-D  $ 6,600
4. Samuel Sutcliffe, Research Associate .....................  S-ZD50  $ 3,300

Total, U.S. Air Force 1162 .....................................  $15,700

U.S. AIR FORCE 1185
Account Number 46-22-20-315
1. John W. Melin, Research Associate .........................  S-D  $ 6,700
2. John H. Lamb, Jr., Instructor .............................  S-ZD50  $ 2,800

Total, U.S. Air Force 1185 .....................................  $9,500

U.S. ARMY ENGINEERS 238
Account Number 46-22-20-325
1. Herbert O. Ireland, Professor .............................  S-ZA30  $ 2,790
2. Walter E. Fisher, Research Associate .....................  S-ZD50  $ 3,300
(Total Salary) ..................................................  (6,090)
3. Peter G. Hoadley, Research Assistant .....................  S-D  $ 5,000

Total, U.S. Army Engineers 238 ................................  $11,090

U.S. ARMY ENGINEERS 240
Account Number 46-22-20-326
1. Herbert O. Ireland, Professor .............................  S-ZA30  $ 2,790
2. Walter E. Fisher, Research Associate .....................  S-ZD50  $ 3,300
3. Melvin T. Davison, Instructor .............................  S-ZD50  $ 2,800
4. G. E. Triandafilidis, Instructor ..........................  S-ZD67  $ 4,220

Total, U.S. Army Engineers 240 ................................  $13,110

U.S. ARMY ENGINEERS 393
Account Number 46-22-20-338
1. Mete Avni Sozen, Associate Professor .....................  S-ZA25  $ 2,025
U.S. ACADEMY OF SCIENCE — AASHO ROAD TESTS
Account Number 46-22-20-345
1. Steven J. Fenves, Instructor S-ZD50 $ 3 300

U.S. NATIONAL SCIENCE FOUNDATION G5073
Account Number 46-22-20-350
1. Roy E. Olson, Instructor S-ZD50 $ 3 000

U.S. NATIONAL SCIENCE FOUNDATION G6572
Account Number 46-22-20-352
1. Alfredo Ang, Assistant Professor S-D $ 6 000

U.S. N.O.B.S. 65790
Account Number 46-22-20-360
1. Vincent J. McDonald, Associate Professor S-ZA25 $ 2 000

U.S. OFFICE OF NAVAL RESEARCH 1834 03
Account Number 46-22-20-369
1. Johan A. Friedericy, Research Assistant S-E $ 5 200

STATE OF ILLINOIS DIVISION OF HIGHWAYS — BRIDGE IMPACT
Account Number 47-22-20-307
1. Tseng Huang, Assistant Professor S-B $ 6 000

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
HIGHWAY MEDIANS
Account Number 47-22-20-336
1. John W. Hutchinson, Instructor S-ZD25 $ 1 875

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
PRESTRESSED BRIDGES
Account Number 47-22-20-367
1. Mete Avni Sozen, Associate Professor S-ZA25 $ 2 025
2. James G. MacGregor, Research Associate S-E $ 4 700

Total, State of Illinois Division of Highways —
Prestressed Bridges $ 6 725

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
RIVETED BOLTED JOINT
Account Number 47-22-20-374
1. Eugene Chesson, Jr., Assistant Professor S-ZB50 $ 3 750

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
SOIL AGGREGATE
Account Number 47-22-20-379
1. Eugene Y. Huang, Associate Professor S-ZA75 $ 5 625

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING
Account Number 47-22-20-382
1. T. H. Thornburn, Professor S-ZA25 $ 2 625
2. N. Chryssafopoulos, Assistant Professor S-B $ 7 500
3. Edward T. Misiasszek, Assistant Professor S-ZB50 $ 3 150
4. Thomas K. Liu, Research Associate S-D $ 5 200

Total, State of Illinois Division of Highways —
Soil Mapping $ 18 475

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
VEHICULAR SPEED REGULATION
Account Number 47-22-20-386
1. Joseph C. Oppenlander, Research Associate S-D $ 7 000

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
WATERWAY AREAS
Account Number 47-22-20-390
1. Ven Te Chow, Professor of Hydraulic Engineering S-ZA30 $ 3 030

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
WELDED HIGHWAY STRUCTURES
Account Number 47-22-20-391
1. Wallace Sanders, Jr., Assistant Professor $ 6 000
### Coordinated Science Laboratory

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**Total, Coordinated Science Laboratory:** $423,480

### Electrical Engineering

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<td>2. Wendell E. Miller</td>
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**Electrical Engineering Network Analyzer Revolving**

Account Number 12-22-25-356

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<th>Description</th>
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**Total, Electrical Engineering Network Analyzer Revolving**

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**Cooperative Investigations**

**Boeing Airplane Company — Research on Antennas**

Account Number 44-22-25-308

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Total, Boeing Airplane Company — Research on Antennas $6930

**U.S. Air Force 63**

Account Number 46-22-25-303

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Total Salary $8250

**U.S. Air Force 417**

Account Number 46-22-25-305

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<td>Paul Handler, Assistant Professor</td>
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<td>Anikam Aharoni, Research Associate</td>
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Total, U.S. Air Force 417 $8250

**U.S. Air Force 2152**

Account Number 46-22-25-309

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<td>Fu Fang, Research Assistant</td>
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<td>Francois M. Rostas, Research Assistant</td>
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Total, U.S. Air Force 2152 $36350

**U.S. Air Force 6079**

Account Number 46-22-25-314

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Total, U.S. Air Force 6079 $36390

**U.S. Air Force 3481**

Account Number 46-22-25-315

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**U.S. Air Force 556**

Account Number 46-22-25-316

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**U.S. Army Ordnance 1983**

Account Number 46-22-25-322

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**U.S. Army Signal Corps 73150**

Account Number 46-22-25-329

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Total, U.S. Army Signal Corps 73150 $16200
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### U.S. Public Health Service B 1567

**Account Number 46-22-25-390**

1. Francis J. Fry, Research Assistant Professor $S-ZBV50 5,250
2. Rolfs Krumins, Research Assistant Professor $SDY 7,350
3. Reginald C. Eggleton, Research Assistant $8,000

**Total, U.S. Public Health Service B 1567** $20,600

### U.S. Public Health Service C 4044

**Account Number 46-22-25-391**

1. Heinz M. Von Foerster, Professor $S-ZAY50 5,756
2. Murray L. Babcock, Research Associate $S-ZDY50 3,050

**Total, U.S. Public Health Service C 4044** $8,806

### Ultrasound in Biology

**Account Number 00-22-26-300**

1. William J. Fry, Research Professor $S-ZAY 14,000
2. Garth J. Thomas, Research Professor $S-ZAY 5,600
3. Elizabeth K. Kelly, Research Associate $S-ZDY 8,000

**Total Salary** $33,830

**Nonacademic Salaries** $4,300

**Total, Wages, Expense, and Equipment** $38,530

### General Engineering

**Account Number 00-22-30-100**

1. Jerry S. Dobrovovolny, Professor and Head of Department $C-A 10,000
2. S. G. Hall, Professor $C-A 9,350
3. R. P. Hoelscher, Professor, Emeritus $C-R 7,000
4. Bernt O. Larson, Professor $C-A 9,700
5. Edwin McClintock, Jr., Professor $C-ZAY 7,000
6. John E. Pearson, Professor $C-A 9,700
7. Stanley H. Pierce, Professor $C-ZAY 7,000
8. Wayne L. Shick, Professor $C-A 9,000
9. C. H. Springer, Professor $C-A 12,500
10. L. D. Walker, Professor $C-A 9,650
11. Robert P. Borri, Associate Professor $C-A 8,000
12. Edward D. Ebert, Associate Professor $C-A 8,000
13. Robert A. Jewett, Associate Professor $C-A 7,500
14. Fred L. Spalding, Associate Professor $C-A 7,500
15. R. S. Grady, Assistant Professor, Emeritus $C-R 7,000
16. Thomas C. Hartley, Assistant Professor $C-B 7,000
17. John P. Hipaskind, Assistant Professor $C-B 6,000
18. Archie Mathews, Assistant Professor $C-B 6,700
19. Howard C. Nelson, Assistant Professor $C-B 6,000
20. David R. Opperman, Assistant Professor $C-ZB 6,000
21. Donald E. Scheck, Assistant Professor $C-B 6,000
22. Paul W. Steinbeck, Assistant Professor $C-B 6,000
23. James R. Tague, Assistant Professor $C-B 6,500
24. Grace Wilson, Assistant Professor $C-B 6,400
25. Assistant Professor $C-B 5,400
26. Richard J. Beck, Instructor $C-D 5,200
27. Samuel Lomask, Instructor $C-D 5,200
28. Gordon E. Martin, Instructor $C-D 6,300
29. R. J. Placek, Instructor $C-D 5,000
30. David R. Reyes-Guerra, Instructor $C-D 6,000
31. Harrison Streeter, Instructor $C-D 8,000
32. Instructor $C-D 5,150
33. David C. O'Bryant, Assistant $C-E 4,500
34. 3.25 Full Time Equivalent Assistants $C-E 12,360
### Nonacademic Salaries

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### Measurement Program

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### Mechanical Engineering

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<td>John L. Whisenand, Associate Professor</td>
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40. __________, Associate Professor .................................. C-A 8 500
41. Willard E. Bair, Assistant Professor ............................... C-B 8 000
42. A. G. Friederich, Assistant Professor .............................. C-B 7 000
43. David H. Offner, Assistant Professor ............................... C-B 7 000
44. Charles M. Phipps, Jr., Assistant Professor ....................... C-B 6 700
45. George F. Schrader, Assistant Professor ............................ C-B 9 700
46. Arthur M. Carson, Instructor ........................................ C-D 4 800
47. C. E. Derrough, Instructor, Emeritus ................................ C-R
48. James L. French, Instructor ........................................... C-D 6 000
49. Robert B. Gaither, Instructor .......................................... C-D 6 000
50. Ronald H. Howell, Instructor .......................................... C-D 5 900
51. Donald L. Mykkänen, Instructor ...................................... C-D 6 700
52. Morse B. Singer, Instructor ............................................. C-D 6 600
53. Ronald L. Smoot, Instructor ........................................... C-D 6 000
54. Robert A. White, Instructor ........................................... C-D 5 200
55. A. D. Wright, Instructor, Emeritus .................................. C-D
56. George P. Anderson, Lecturer in Industrial Engineering ....... C-D 10 000
57. Stephen R. Davis, Lecturer ............................................. C-D 7 600
58. Harry K. Ihrig, Jr., Lecturer ........................................... C-D 6 600
59. Hugo Scobel, Lecturer .................................................. C-D 5 500
60. B. F. Von Turkovich, Lecturer in Industrial Engineering ...... C-D 7 600
61. Howard L. Schmidt, Assistant ......................................... C-E 4 200
62. Swirlana Winnikow, Assistant ......................................... C-E 3 900
63. 6.30 Full Time Equivalent Assistants .............................. C-E 24 350
64. 0.25 Full Time Equivalent Assistants .............................. C-E 1 000
Nonacademic Salaries ..................................................... C 7 350
Nonacademic Salaries ..................................................... C 19 836
Total, Salaries ................................................................... (596 966)
Wages .................................................................................. C 9 200
Expense ............................................................................... C 28 000
Expense ............................................................................... S 3 600
Equipment ........................................................................... C 4 000
Equipment ........................................................................... S 3 000
Total, Wages, Expense, and Equipment ................................. (47 800)
Total, Mechanical Engineering ............................................. $644 766

Cooperative Investigations

Institute of Boiler and Radiator Manufacturers — Steam and Water Heat
Account Number 44-22-40-342
1. Warren S. Harris, Professor ........................................... S-BY $12 500

National Warm Air Heating — Furnaces
Account Number 44-22-40-356
1. Edward J. Brown, Research Associate ............................... S-DY $ 7 700

Mining and Metallurgical Engineering
Account Number 00-22-50-100; College 00-22-50-100; Station 00-22-50-300
1. Thomas A. Read, Professor of Metallurgical Engineering and Head of Department ........................................ C-A $16 500
2. Robert W. Balluffi, Professor of Physical Metallurgy ...... S-ZA50 4 600
   (Total Salary) ................................................................... (9 200)
3. Paul A. Beck, Professor of Physical Metallurgy .............. S-A 13 500
4. Robert W. Bohl, Professor of Metallurgical Engineering .... C-A 9 000
5. W. H. Bruckner, Professor of Metallurgical Engineering ... S-ZA50 4 800
   (Total Salary) ................................................................... (9 600)
6. William R. Chedsey, Professor of Mining Engineering, Emeritus ......................................................... C-R
7. Earl J. Eckel, Professor of Metallurgical Engineering ....... C-A 9 900
8. Bernard G. Ricketts, Professor of Metallurgical Engineering ................................................................. C-A $ 9 400
9. Walter D. Rose, Professor of Petroleum Engineering ...... C-A 10 200
10. Norman Street, Professor of Petroleum Engineering ....... C-A 9 000
11. Walter H. Voskuil, Professor of Mineral Economics ...... C-A10 1 350
   (Also paid $8,250 by State Geological Survey)
12. Charles A. Wert, Professor of Physical Metallurgy. S-ZA50 $6,000
(Total Salary) ................................ (12,000)
13. Frederick D. Wright, Professor of Mining Engineering. C-A $10,200
14. Rudolph G. Wuerker, Professor of Mining Engineering. C-A $9,000
15. George R. Eadie, Associate Professor of Mining Engineering. C-B $8,000
16. A. C. Forsyth, Associate Professor of Metallurgical Engineering. C-A $8,400
17. David S. Lieberman, Associate Professor of Metallurgical Engineering. C-A $8,700
18. Marvin Metzger, Associate Professor of Physical Metallurgy. S-A $8,700
19. Robb M. Thomson, Associate Professor of Physical Metallurgy. C-A $8,400
20. Erwin K. Weise, Associate Professor of Metallurgical Engineering. C-ZBY40 $3,600
(Total Salary) ................................ (8,800)
21. Carl J. Altstetter, Assistant Professor of Physical Metallurgy. C-B $6,800
22. Clarence M. Wayman, Assistant Professor of Metallurgical Engineering. C-B $7,000
23. , Assistant Professor of Petroleum Engineering. C-B $7,500
24. 1.25 Full Time Equivalent Assistants. C-E $4,700
25. 1.00 Full Time Equivalent Research Assistants. S-E $4,000
Nonacademic Salaries ................................ C $17,280
Nonacademic Salaries ................................ S $14,460
Total, Salaries .................................................. (220,990)
Wages ................................................................. C $3,400
Wages ................................................................. S $2,600
Expense .............................................................. C $5,500
Expense .............................................................. S $5,500
Equipment .......................................................... C $6,400
Equipment .......................................................... S $4,600
Total, Wages, Expense, and Equipment .......................... (28,000)
Total, Mining and Metallurgical Engineering .................. $248,990

Cooperative Investigations
U.S. AIR FORCE 212
Account Number 46-22-50-307
1. Erwin K. Weise, Associate Professor of Metallurgical Engineering. S-ZBY60 $5,200

U.S. AIR FORCE 420
Account Number 46-22-50-309
1. Ross N. Tucker, Research Associate in Mining and Metallurgical Engineering. S-DY $6,500
2. Vittorio Celli, Research Associate in Mining and Metallurgical Engineering. DY $6,500
Total, U.S. Air Force 420 ........................................ $13,000

U.S. AIR FORCE 3789
Account Number 46-22-50-311
1. Chin H. Cheng, Research Associate in Mining and Metallurgical Engineering. S-DY $6,000
2. Klaus Schröder, Research Associate in Mining and Metallurgical Engineering. S-DY $7,500
3. Chuan-tseng Wei, Research Associate in Mining and Metallurgical Engineering. S-DY $6,000
Total, U.S. Air Force 3789 ....................................... $19,500

U.S. N.O.B.S. 77012
Account Number 46-22-50-359
1. W. H. Bruckner, Professor of Metallurgical Engineering. S-ZA50 $4,800
Nuclear Engineering

Account Number 00-22-53-100

1. Felix T. Adler, Professor of Physics and Nuclear Engineering. ........................................ C-ZA
2. Marvin E. Wyman, Professor of Physics and Nuclear Engineering. ..................................... C-ZA
3. 1.50 Full Time Equivalent Assistants. ................................................................. C-E $7 150
Nonacademic Salaries

Total, Salaries ................................................. C $11 950
Wages ......................................................... C $900
Expense ......................................................... C $6 200
Equipment ....................................................... C $8 000

Total, Wages, Expense, and Equipment ................................................................. (15 100)
Total, Nuclear Engineering .................................................. $27 050

Physics

Account Number 00-22-55-100; College 00-22-55-100; Station 00-22-55-300

1. Frederick Seitz, Professor and Head of Department. ....... C-A $20 000
(On leave without pay 1959-60)
2. G. M. Almy, Professor and Acting Head of Department ................. C-A 18 200
3. Robert J. Maurer, Professor and Acting Associate Head of Department. .......... C-A 14 600
4. Felix T. Adler, Professor of Physics and Nuclear Engineering. .......... C-ZA 14 000
5. James S. Allen, Professor ........................................ C-ZA $0 6 000
(Total Salary) .................................................................................... (12 000)
(On leave with pay second semester 1959-60)
6. Daniel Alpert, Research Professor ......................................... C-ZAY
7. Peter Axel, Professor .................................................. C-A 9 400
8. John Bardeen, Professor ................................................ C-ZA $0 9 460
(Total Salary) .................................................................................... (20 000)
9. James H. Bartlett, Professor ........................................ C-A 9 500
10. Robert A. Becker, Professor ........................................ C-A 10 800
11. Hans Frauenfelder, Professor .......................................... C-A 13 000
12. Edwin L. Goldwasser, Professor ..................................... C-A $0 9 500
13. Alfred O. Hanson, Professor ......................................... C-A 13 000
14. Robert D. Hill, Professor ........................................ C-A 10 800
15. Robert I. Hulsizer, Jr., Professor .................................... C-A 12 000
16. John D. Jackson, Professor ......................................... C-A 12 000
17. James Koehler, Professor ........................................ C-ZA $0 5 000
(Total Salary) .................................................................................... (13 000)
18. P. Gerald Kruger, Professor ......................................... C-A 15 600
19. Leo S. Lavatelli, Professor ........................................ C-A 9 500
20. David Lazarus, Professor ........................................ C-A 10 000
21. F. W. Loomis, Professor, Emeritus. ......................... C-R
22. E. M. Lyman, Professor ........................................ C-A 12 200
23. Dillon E. Mapother, Professor ................................... C-A 10 000
24. R. E. Meagher, Research Professor ................................ C-ZA
25. Kazuhiko Nishijima, Professor .................................... C-D 12 500
26. Arnold T. Nordsieck, Professor ..................................... C-ZA $0 8 750
(Total Salary) .................................................................................... (17 500)
27. David Pines, Professor ........................................... C-ZA $0 6 750
(Total Salary) .................................................................................... (13 500)
28. C. W. Sherwin, Professor ........................................ C-ZA $0 7 000
(Total Salary) .................................................................................... (14 000)
29. Charles P. Slichter, Professor ..................................... C-A 13 000
30. James N. Snyder, Professor ....................................... C-ZA
31. F. R. Watson, Professor, Emeritus. ......................... C-RA
32. Marvin E. Wyman, Professor of Physics and Nuclear Engineering. .......... C-ZA 13 000
33. ............................................. C-A $0 8 000
34. Giulio Ascoli, Associate Professor ......................................... C-A 8 200
35. Frederick C. Brown, Associate Professor ......................... C-A 10 000
36. Robert Novick, Associate Professor .................................. C-A 10 000
37. R. F. Paton, Associate Professor, *Emeritus* ............... C-R
38. David G. Ravenhall, Associate Professor .................. C-A 8 500
39. James H. Smith, Associate Professor ...................... C-A 8 600
40. John C. Whately, Associate Professor ...................... C-A 9 000
41. H. W. Wyld, Jr., Associate Professor ...................... C-A 8 300
42. ————, Associate Professor of Physics and Nuclear
    Engineering .............................................. C-A 9 000
43. ————, Associate Professor of Physics and Ceramic
    Engineering .............................................. C-A 50 4 000
44. Lloyd D. Fosdick, Research Assistant Professor .......... C-ZB 3 700
45. John P. Hummel, Assistant Professor ....................... C-ZB 50 (Total Salary) (7 400)
46. Ulrich E. Kruse, Assistant Professor ...................... C-D 8 500
47. Ralph O. Simmons, Assistant Professor .................... C-D 7 200
48. 26.25 Full Time Equivalent Assistants ................. C-E 99 750

Nonacademic Salaries ........................................ C 93 455

Total, Salaries ............................................. (603 665)

Wages ................................................................ C 3 600
Expense ................................................................ C 28 800
Expense ................................................................ S 9 100
Equipment .......................................................... C 6 000
Equipment .......................................................... S 8 000

Total, Wages, Expense, and Equipment ....................... (55 500)

Total, Physics .................................................... $659 165

Cooperative Investigations

A. P. SLOAN FOUNDATION, INC. — PHYSICS — NOVICK
Account Number 44-22-55-375
1. Mark N. McDermott, Research Associate .................. S-DY $ 7 000

A. P. SLOAN FOUNDATION, INC. — MAGNETIC RESEARCH —
SLICHTER
Account Number 44-22-55-378
1. Robert L. Mieher, Research Associate ...................... S-DY $ 7 000

U.S. AIR FORCE 49
Account Number 46-22-55-301
1. R. Norman Peacock, Research Assistant Professor .... S-DY $ 7 350

U.S. AIR FORCE 528
Account Number 46-22-55-303
1. Theodore D. Schultz, Research Assistant Professor .... S-DY $ 7 500
2. Donald M. Ginsberg, Research Associate ................ S-ZDY 1 364
   (Total Salary) (7 500)
3. Allen H. Miller, Research Associate ....................... S-DY $ 6 500

Total, U.S. Air Force 528 .................................... $15 364

U.S. AIR FORCE 529
Account Number 46-22-55-305
1. Fred Fischer, Research Assistant Professor .............. S-DY $ 7 500

U.S. AIR FORCE 579
Account Number 46-22-55-306
1. Gianni Ascarelli, Research Associate ...................... S-DY $ 7 000

U.S. ARMY ORDNANCE 992
Account Number 46-22-55-310
1. Marvin Garfinkel, Research Associate .................... S-DY $ 6 800
2. Roger W. Shaw, Research Associate ....................... DY $ 6 800

Total, U.S. Army Ordnance 992 ............................... $13 600

U.S. ARMY ORDNANCE 1001
Account Number 46-22-55-312
1. J. Robert Schrieffer, Assistant Professor ............... S-D $ 7 200

U.S. ATOMIC ENERGY COMMISSION PROJECT 3
Account Number 46-22-55-320
1. Robert V. Coleman, Research Assistant Professor .... S-DY $ 7 500
U.S. Atomic Energy Commission Project 22
Account Number 46-22-55-321
1. William A. Steyert, Jr., Research Associate............ S-DY $ 7,000

U.S. Atomic Energy Commission 182
Account Number 46-22-55-322
1. Robert W. Balluffi, Professor of Physical Metallurgy... S-ZA$0 $ 4,600
   (Total Salary)........................................... (6,200)
2. James Koehler, Professor............................... S-ZA$0 $ 6,000
   (Total Salary)........................................... (12,000)
3. Charles A. Wert, Professor of Physical Metallurgy.... S-ZA$0 $ 6,000
4. Sergio Rodriguez, Research Assistant Professor...... S-DY $ 7,500
   Total, U.S. Atomic Energy Commission 182............. $24,600

U.S. National Science Foundation G4219
Account Number 46-22-55-355
1. George D. Whitfield, Research Associate.............. S-DY $ 6,500

U.S. National Science Foundation G 6055
Account Number 46-22-55-356
1. Franco A. Levi, Assistant Professor.................. S-GY $ 7,800
   (Five months from September 1, 1959)

U.S. Office of Naval Research 1834 05
Account Number 46-22-55-361
1. James S. Allen, Professor.................. S-ZA$0 $ 6,000
   (On leave with pay second semester 1959-60)
2. Santimay Chatterjee, Research Assistant Professor.. S-DY $ 8,000
3. John E. Crew, Research Assistant Professor......... S-DY $ 7,200
4. Edward L. Garwin, Research Assistant Professor.... S-DY $ 7,500
5. Avivi I. Yavin, Research Assistant Professor....... S-DY $ 8,000
6. Giovanni De Pasquali, Research Associate............ S-DY $ 8,000
7. Marcus T. Grisaru, Research Associate................ S-DY $ 7,000
8. J. S. O’Connell, Research Associate................ S-DY $ 6,500
9. Mir Azam Ali, Research Assistant..................... S-G $ 4,400
   (Nine and one-half months from September 1, 1959)
10. Dorothy Carlson-Lee, Research Assistant............. S-DY $ 5,200
11. Hilary W. Moore, Research Assistant................ S-DY $ 5,300
   Total, U.S. Office of Naval Research 1834 05........ $73,100

U.S. Office of Naval Research 1834 12
Account Number 46-22-55-363
1. Robert S. Knox, Research Assistant Professor....... S-DY $ 7,500
2. Hiroshi Fujiwara, Research Associate................. S-DY $ 7,000
   Total, U.S. Office of Naval Research 1834 12........ $14,500

U.S. Office of Naval Research 1834 19
Account Number 46-22-55-370
1. John A. Cape, Research Associate..................... S-DY $ 7,000

Physics Betatron
Account Number 00-22-56-300
1. Rudolf Haag, Research Professor of Physics........ S-E $12,500
   (Semester II)
2. C. S. Robinson, Research Professor of Physics...... S-A$Y 12,700
3. Albert Wattenberg, Research Professor of Physics... S-A$Y 16,000
4. Louis J. Koester, Jr., Research Associate Professor of Physics.. S-A$Y 9,700
5. 3.00 Full Time Equivalent Research Assistants..... S-DY 14,000
Nonacademic Salaries........................................ 59,955
   Total, Salaries........................................ (124,855)
Wages......................................................... S 2,300
Expense..................................................... S 19,000
Equipment.................................................. S 19,400
   Total, Wages, Expense, and Equipment................ (31,700)
   Total, Physics Betatron................................ $156,555
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<th>Name</th>
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<td>Paul Guy Jones</td>
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<td>Horatio M. Fitch</td>
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<td>Raymond Hagglund</td>
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43. S. Russell Keim, Instructor .......................... C-D 5 800
44. Algirdas H. Marchertas, Instructor ..................... C-D50 2 600
45. John W. Melvin, Instructor .......................... C-D50 2 610
46. John W. Murdock, Instructor .......................... C-D 5 800
47. Jose J. Rodriguez, Instructor .......................... C-D 5 500
48. Bruce G. Rogers, Instructor .......................... C-D50 2 610
49. Jerry W. Schweiker, Instructor ..................... C-D 5 700
50. Ralph I. Stephens, Instructor .......................... C-D 5 000
51. Robert L. Thoms, Instructor ..................... C-D50 2 600
52. Joseph Warwaruk, Instructor .......................... C-D 5 360
53. 3.00 Full Time Equivalent Assist .......................... C-E 11 900
Nonacademic Salaries .......................... C 34 110
Nonacademic Salaries .......................... S 19 685
Total, Salaries ........................................ (397 385)
Wages ........................................ C 2 600
Wages ........................................ S 1 720
Expense ........................................ C 8 800
Expense ........................................ S 5 000
Equipment ........................................ C 6 500
Equipment ........................................ S 5 500
Total, Wages, Expense, and Equipment .................. (30 120)
Total, Theoretical and Applied Mechanics ............... $427 505

Theoretical and Applied Mechanics Testing Revolving
Account Number 12-22-60-382
Expense ........................................ S $10 000
Total, Theoretical and Applied Mechanics Testing Re- $10 000

Cooperative Investigations
AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS
Account Number 44-22-60-305
1. Ralph E. Cramer, Research Associate Professor of Engineering Materials .................. S-DY $10 800
U.S. ARMY ORDNANCE 593
Account Number 46-22-60-304
1. Morris Stern, Research Associate .................. S-D $ 5 700
2. C. W. Tseng, Research Associate .................. S-D $ 5 000
Total, U.S. Army Ordnance 593 ......................... $10 700
U.S. AIR FORCE 5153
Account Number 46-22-60-305
1. Hao Wen Liu, Research Assistant Professor .................. S-B $ 6 000
2. G. W. Brock, Instructor .......................... S-ZD50 2 900
Total, U.S. Air Force 5153 .......................... $ 8 900
U.S. N.O.B.S. 72069
Account Number 46-22-60-354
1. Niels C. Lind, Assistant Professor .................. S-ZB50 $ 3 150
U.S. NATIONAL SCIENCE FOUNDATION G4176
Account Number 46-22-60-359
1. Hubert Hilsdorf, Research Associate ................. S-DY $ 6 600

COLLEGE OF FINE AND APPLIED ARTS
General

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<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tr>
<td>Exhibits and Lectures</td>
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<td>11 000</td>
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<tr>
<td>Art</td>
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<td>City Planning and Landscape Architecture</td>
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Exhibits and Lectures .......................... 
Special Art Projects ..........................
Architecture ..................................
Art ...........................................
City Planning and Landscape Architecture. 92 650

U.S. NATIONAL SCIENCE FOUNDATION G4176
Cooperative Investigations
AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS
Account Number 44-22-60-305
1. Ralph E. Cramer, Research Associate Professor of Engineering Materials .................. S-DY $10 800
U.S. ARMY ORDNANCE 593
Account Number 46-22-60-304
1. Morris Stern, Research Associate .................. S-D $ 5 700
2. C. W. Tseng, Research Associate .................. S-D $ 5 000
Total, U.S. Army Ordnance 593 ......................... $10 700
U.S. AIR FORCE 5153
Account Number 46-22-60-305
1. Hao Wen Liu, Research Assistant Professor .................. S-B $ 6 000
2. G. W. Brock, Instructor .......................... S-ZD50 2 900
Total, U.S. Air Force 5153 .......................... $ 8 900
U.S. N.O.B.S. 72069
Account Number 46-22-60-354
1. Niels C. Lind, Assistant Professor .................. S-ZB50 $ 3 150

COLLEGE OF FINE AND APPLIED ARTS
General

<table>
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<th>Total</th>
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<td>City Planning and Landscape Architecture</td>
<td>92 650</td>
<td>3 800</td>
<td>96 430</td>
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### General (Concluded)

| School of Music | Salaries | $595,475 |
| University of Illinois Bands | $37,510 |
| Krannert Art Museum | $23,100 |
| **Total, Instruction** | (1,567,175) |

**Organized Research**
- Small Homes Council | $66,350 |

**Extension and Public Services**
- Bureau of Community Planning | $61,585 |

**Student Aid**
- School of Music Scholarships | $5,000 |
- Band Scholarship and Commencement Expense | $6,000 |
| **Total, Student Aid** | (11,000) |
| **Total, General** | $167,975 |

**Restricted**

| **Instruction** | Salaries |
| Music Revolving | $2,000 |
| Music Records Revolving | $200 |
| University of Illinois Bands Revolving | $15,000 |
| Estimated Endowment Income | $3,000 |
| **Total, Instruction** | (20,200) |

**Organized Research**
- Estimated Private Gifts | $8,000 |

**Extension and Public Services**
- Small Homes Council Publications Revolving | $3,120 |
- Estimated Indirect Costs | $1,600 |
| **Total, Extension and Public Services** | (3,120) |

| **Total, Restricted** | $81,050 |
| **Total, Administration** | $81,050 |

**Administration**

Account Number 00-24-01-100
1. Allen S. Weller, Dean | ZBY | $20,500 |
2. Rexford Newcomb, Dean and Professor of Architecture, Emeritus | R | ..... |
3. C. E. Palmer, Associate Dean, Emeritus | ZR | ..... |
4. Robert P. Link, Associate Dean | ZBY | $13,000 |

| **Nonacademic Salaries** | $11,610 |
| **Total, Salaries** | (45,110) |

| **Wages** | $700 |
| **Contingent** | $5,000 |
| **Exhibits and Lectures** | $5,000 |
| **Special Art Project** | $14,500 |
| **Convention Travel** | $7,000 |

| **Equipment** | $1,700 |
| **Total, Wages, Expense, and Equipment** | (36,400) |

| **Total, Administration** | $81,050 |

**Architecture**

Account Number 00-24-05-100
1. Alan K. Laing, Professor | A | $15,200 |
2. Linwood J. Brightbill, Professor of Architectural Engineering | A | $10,000 |
3. Walter L. Creece, Professor | A | $9,250 |
4. O. S. Fjelde, Professor | A | $10,350 |
5. Gabriel Guevrekian, Professor .................. A 10 350
6. Rudard A. Jones, Research Professor .......... ZAY ........................
7. Granville S. Keith, Professor ................. A 13 350
8. F. M. Lescher, Professor, Emeritus ............ R ........................
9. D. B. Lindsay, Professor ....................... A 13 300
10. Robert P. Link, Professor ...................... ZAY ........................
11. E. I. Love, Professor ........................ A 13 350

(On leave with one-half pay 1959-60)
12. Fred D. Miles, Professor ...................... A 10 000

(On leave with pay second semester 1959-60)
13. C. E. Palmer, Professor of Architectural Engineering, Emeritus .................. ZR ........................
14. L. H. Provine, Professor, Emeritus ............ R ........................
15. Robert J. Smith, Professor ..................... A 12 900
16. E. F. Toth, Professor .......................... A 13 350
17. Chu-Kia Wang, Professor of Architectural Engineering ........................ A 13 300
18. A. Richard Williams, Professor ................. A 13 300
19. Jack S. Baker, Associate Professor .......... A 9 200
20. George T. Clayton, Associate Professor ... A 9 550
21. Ernest A. Connally, Associate Professor ... A 8 950
22. Paul H. Coy, Associate Professor .......... A 8 900
23. Earl M. Farnham, Associate Professor ..... A 7 750
24. George M. Hodge, Jr., Associate Professor .. A 50 4 815

Assistant to Chairman of Department .......................... AY 50 5 885

(Total Salary) ................................ (10 700)

25. Harold L. Hornbeck, Associate Professor .... A 9 400
26. Walter F. Johnson, Associate Professor of Architectural Drawing .............. A 9 650
27. William H. Kapple, Research Associate Professor .................. ZAY ........................
28. Ralph M. Line, Associate Professor .......... A 7 850
29. Charles B. Looker, Jr., Associate Professor .. A 9 000

(On leave with pay first semester 1959-60)
30. T. E. O'Donnell, Associate Professor, Emeritus .................... R ........................
31. John G. Replinger, Associate Professor ... A 9 250
32. Edward L. Deam, Assistant Professor .......... B 7 750
33. Raymond DiPasquale, Assistant Professor .... B 7 600
34. Theodore E. Kurz, Assistant Professor .... B 7 000
35. Bruno Leon, Assistant Professor .............. B 7 500
36. Walter H. Lewis, Assistant Professor ........ B 7 550
37. Carl R. Nelson, Jr., Assistant Professor .... B 6 150
38. William J. O'Connell, Assistant Professor .. B 8 000
39. Donald E. Sporleder, Assistant Professor ... B 7 000
40. Jack H. Swing, Assistant Professor .......... B 8 500
41. James B. Wallace, Assistant Professor of Architectural Drawing ............... B 7 300
42. Harold C. Young, Assistant Professor ........ B 8 000
43. __________________, Assistant Professor ...... B 7 000
44. David A. Dobereiner, Instructor .............. D 5 050
45. __________________, Instructor ............... D 6 200
46. __________________, Instructor ............... D 6 500
47. 6:00, Full Time Equivalent Assistants .......... 6 500

Nonacademic Salaries ................................ 11 530

Total Salaries ................................... (397,320)

Wages ............................................. 800
Expense ......................................... 7 700
Equipment ....................................... 2 500

Total, Wages, Expense, and Equipment ............. (411,300)

Total, Architecture ................................ $418,320

Art

Account Number 00-24-10-100

1. James R. Shipley, Professor and Head of Department ........................ A 14 500

(On disability leave without pay)
3. C. E. Bradbury, Professor, Emeritus.......................... R ....
4. Nicholas Britsky, Professor................................. A 9 200
5. Lee R. Chesney, Professor................................. A 9 600
6. Charles A. Dietmann, Professor.......................... A 10 000
7. C. V. Donovan, Professor (Total Salary) ........... ZA 50 6 500
 ................................................... 8 000
8. W. F. Doolittle, Professor................................. A 11 300
9. James D. Hogan, Professor................................. A 10 500
10. J. William Kennedy, Professor......................... A 9 700
11. Edwin C. Rae, Professor................................. A 9 600
12. Frank J. Roos, Jr., Professor........................... A 10 500
13. Harold A. Schultz, Professor (Total Salary) ....... ZA 50 5 550
 ...................................................... (11 100)
14. Allen S. Weller, Professor................................. ZAY ....
15. Louise M. Woodrofe, Professor......................... A 9 600
16. ————, Visiting Professor................................. ZE 9 500
17. Edward H. Betts, Associate Professor.................. A 7 500
18. Glenn R. Bradshaw, Associate Professor............... A 8 400
19. Carleton W. Briggs, Associate Professor............... A 8 400
20. R. E. Hult, Associate Professor......................... A 8 200
21. Marvin B. Martin, Associate Professor............... A 8 500
22. Raymond Perlman, Associate Professor............... A 8 500
23. John Raushenberger, Associate Professor............... A 7 500
24. Mark Sprague, Associate Professor...................... A 8 500
25. Edward J. Zagorski, Associate Professor............... A 8 500
26. Nicola Ziroli, Associate Professor..................... A 8 000
27. George N. Foster, Assistant Professor................. B 7 400
28. Donald E. Frith, Assistant Professor................. B 6 900
29. Billy M. Jackson, Assistant Professor............... B 6 000
30. James H. G. Lynch, Assistant Professor............... B 6 900
31. Dwight C. Miller, Assistant Professor............... B 6 100
32. Charles W. Sanders, Assistant Professor............. B 7 700
33. Robert A. von Neumann, Assistant Professor........ B 7 300
34. ————, Assistant Professor.............................. B 6 000
35. ————, Assistant Professor.............................. B 6 000
36. Philip W. Bornarth, Instructor......................... D 5 000
37. Ernest F. De Soto, Instructor......................... D 5 200
38. Frank Gallo, Instructor................................. D 5 200
39. Carl R. Heldt, Instructor............................... D 6 500
40. Arthur M. Levine, Instructor............................ D 5 000
41. Norman T. McFarland, Instructor....................... D 6 700
42. Edward H. Price, Instructor............................. D 6 400
43. Donald C. Robertson, Instructor....................... D 5 400
44. George David Shaner, Instructor....................... D 5 200
45. ————, Instructor........................................ D 6 200
46. ————, Instructor........................................ D 5 000
47. ————, Instructor........................................ D 5 000
48. ————, Instructor........................................ D 5 000
49. 6.00 Full Time Equivalent Assistants................ E 22 500
Nonacademic Salaries........................................ 13 060
Total, Salaries........................................... (376 030)
Wages......................................................... 8 000
Expense...................................................... 10 000
Equipment.................................................. 3 200
Total, Wages, Expense, and Equipment..................... (21 200)
Total, Ari................................................... $397 230

City Planning and Landscape Architecture
Account Number 00-24-15-100
1. Louis B. Wetmore, Professor of City and Regional Planning and Head of Department............ ZA $ 14 000
2. Harland Bartholomew, Professor, Emeritus R ....
3. Karl B. Lohmann, Professor of City and Regional Planning, Emeritus  R
4. Florence B. Robinson, Professor, Emerita  R
5. O. G. Schaffer, Professor, Emeritus  R
6. Stanley White, Professor, Emeritus  R
7. ———, Visiting Professor  D15 2 050
8. ———, Professor of Landscape Architecture  A 11 000
9. C. Gregory Bassett, Associate Professor of City and Regional Planning  A 7 700
10. William I. Goodman, Associate Professor of City Planning  A 9 600
11. Walter M. Keith, Associate Professor of Landscape Architecture  A 9 600
12. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture  A 7 800
13. I. L. Peterson, Associate Professor of Landscape Architecture  A 40 3 400
14. ———, Associate Professor of City Planning  A 8 000
15. Thomas C. Hazlett, Instructor in Landscape Architecture  D 6 600
16. Alan G. Winslow, Instructor in Landscape Architecture  D 6 600
17. 0.75 Full Time Equivalent Assistants  E 2 800
Nonacademic Salaries 3 480
Total, Salaries 92 630
Wages 200
Expense 2 500
Equipment 1 100
Total, Wages, Expense, and Equipment 3 800
Total, City Planning and Landscape Architecture  $ 96 430

Bureau of Community Planning
Account Number 00-24-16-400
1. Louis B. Wetmore, Director  ZA
2. Victor A. Hyde, Professor of Community Planning  AY $ 10 600
3. Joseph M. Heikoff, Associate Professor of Regional Planning  AY 12 300
4. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture  ZAY15 1 700
5. Jerome Kaufman, Assistant Professor of Community Planning  BY 7 850
6. George T. Marcou, Assistant Professor of Community Planning  BY 9 000
7. ———, Assistant Professor of Community Planning  DY (7 000)
8. ———, Instructor in Community Planning  DY 6 000
9. 1.25 Full Time Equivalent Assistants  E 4 625
10. 25 Full Time Equivalent Assistants  E (925)
Nonacademic Salaries 9 510
Total, Salaries (61 585)
Wages 500
Expense 5 275
Expense, Nonrecurring (575)
Total, Wages, Expense, and Equipment (5 775)
Total, Bureau of Community Planning  $ 67 360

Cooperative Investigations
STATE OF ILLINOIS DIVISION OF HIGHWAYS —
TRAFFIC LINKAGE PATTERN
Account Number 47-24-16-383
1. George W. Greenwood, Research Associate in Civil Engineering  ZD50 $ 3 000
(Total Salary) (6 000)
School of Music

Account Number 00-24-25-100

1. Duane A. Branigan, Director................. BY$ 17,500
   Professor.................................. A
2. Andrew Morris Carter, Assistant to Director ZA25 1,970
   Associate Professor....................... ZAY75 7,230
   (Total Salary)............................ (9,200)
3. Bjornar Bergethon, Professor................ A 11,100
   (On leave with pay second semester 1959-60)
4. Dorothy E. Bowen, Professor................ A 9,150
5. Harold A. Decker, Professor................ A 10,800
6. Stanley Fletcher, Professor................ A 10,800
7. Bruce R. Foote, Professor................... A 11,200
   (On leave with pay second semester 1959-60)
8. John C. Garvey, Professor.................... A60 9,200
   Artist in Residence....................... D40
   (On leave with pay second semester 1959-60)
9. Scott Goldthwaite, Professor................ A 10,400
10. Bernard M. Goodman, Professor.............. A60 10,000
   Artist in Residence....................... D40
   (On leave with pay second semester 1959-60)
11. Mark H. Hindsley, Professor.................. ZA33 4,030
    (Total Salary)........................... (13,900)
12. Hubert Kessler, Professor................... A 11,000
13. John M. Kuypers, Professor.................. A 10,000
    (On leave without pay two years from September 1, 1959)
14. Charles Leonard, Professor................... A 11,400
15. R. H. Miles, Professor...................... A 11,100
16. Paul S. Pettinga, Professor................. ZA75 7,350
    (Total Salary)........................... (9,800)
17. Burrill Phillips, Professor.................. A 11,000
18. Dragan Plamenac, Professor................... A 11,400
19. Paul Rolland, Professor..................... A 10,400
20. W. L. Roosa, Professor, Emeritus.......... R
21. Homer C. Schmitt, Professor............... A60 9,000
    Artist in Residence...................... D40
    (On leave with pay second semester 1959-60)
22. Sherman Schoonmaker, Professor............. A 10,700
23. G. F. Schwartz, Professor, Emeritus....... RA
24. Haskell O. Sexton, Professor.............. ZA75 6,750
    (Total Salary)........................... (9,000)
25. Soulima Stravinsky, Professor.............. A 11,000
26. Robert H. Swenson, Professor.............. A60 9,000
    Artist in Residence...................... D40
    (On leave with pay second semester 1959-60)
27. Edith M. Usry, Professor, Emerita........ R
28. Gilbert R. Waller, Professor.............. ZA50 4,600
    (Total Salary)........................... (9,200)
29. Jane C. Watt, Professor.................... A 9,500
30. Velma K. Wilson, Professor................. ZA67 6,220
    (Total Salary)........................... (9,300)
31. Ludwig Zirner, Professor................... A 9,000
32. Gordon W. Binkerd, Associate Professor.... A 8,700
    (On leave with one-half pay first semester 1959-60,
    and without pay second semester 1959-60)
33. Guy M. Duker, Associate Professor......... ZA33 2,600
    (Total Salary)........................... (9,000)
34. Beth B. Eisner, Associate Professor, Emerita. R
35. LeRoy Hamp, Associate Professor........... A 7,600
36. George H. Hunter, Associate Professor.... A 8,200
37. King Kellogg, Associate Professor......... A 7,700
38. J. Robert Kelly, Associate Professor..... A 8,500
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<tr>
<th>Entry</th>
<th>Name</th>
<th>Position</th>
<th>Account Number</th>
<th>Total Salary</th>
<th>Note</th>
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<td>39.</td>
<td>Colleen J. Kirk</td>
<td>Associate Professor</td>
<td>ZA33</td>
<td>2,600</td>
<td>19591</td>
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<td>40.</td>
<td>Everett D. Kisling</td>
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<td>41.</td>
<td>A. J. McDowell</td>
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<td>42.</td>
<td>John Paul Painter</td>
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<td>ZAY</td>
<td>7,000</td>
<td>19591</td>
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<td>43.</td>
<td>W. George Reeves</td>
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<td>19591</td>
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<td>44.</td>
<td>Claire L. Richards</td>
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<td>8,000</td>
<td>19591</td>
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<td>45.</td>
<td>Alexander L. Ringer</td>
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<td>A</td>
<td>9,000</td>
<td>19591</td>
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<td>46.</td>
<td>Grace E. Wilson</td>
<td>Associate Professor</td>
<td>A</td>
<td>8,000</td>
<td>19591</td>
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<td>47.</td>
<td>James Louis Bailey</td>
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<td>48.</td>
<td>Dorothy E. Clark</td>
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<td>49.</td>
<td>Willis R. Coggins</td>
<td>Assistant Professor</td>
<td>B</td>
<td>6,500</td>
<td>19591</td>
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<td>50.</td>
<td>Charles O. DeLaney</td>
<td>Assistant Professor</td>
<td>B</td>
<td>6,900</td>
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<td>51.</td>
<td>Peter S. Farrell</td>
<td>Assistant Professor</td>
<td>B</td>
<td>7,100</td>
<td>19591</td>
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<td>52.</td>
<td>Robert E. Gray</td>
<td>Assistant Professor</td>
<td>B</td>
<td>6,800</td>
<td>19591</td>
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<td>53.</td>
<td>Lejaren A. Hiller, Jr.</td>
<td>Assistant Professor</td>
<td>ZB50</td>
<td>3,500</td>
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<td>54.</td>
<td>Thomas L. Holden</td>
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<td>19591</td>
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<td>55.</td>
<td>Ben B. Johnston, Jr.</td>
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<td>ZB67</td>
<td>4,470</td>
<td>19591</td>
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<td>56.</td>
<td>C. J. Kleinsteuber</td>
<td>Assistant Professor</td>
<td>B</td>
<td>6,800</td>
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<td>57.</td>
<td>Edward J. Krollick</td>
<td>Assistant Professor</td>
<td>B</td>
<td>6,300</td>
<td>19591</td>
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<td>58.</td>
<td>David A. Ledet</td>
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<td>B</td>
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<td>59.</td>
<td>William H. Miller</td>
<td>Assistant Professor</td>
<td>B</td>
<td>7,500</td>
<td>19591</td>
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<td>60.</td>
<td>Carolyn Powell</td>
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<td>61.</td>
<td>Thomas S. Richardson</td>
<td>Assistant Professor</td>
<td>ZBY</td>
<td>7,000</td>
<td>19591</td>
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<td>62.</td>
<td>Dean W. Sanders</td>
<td>Assistant Professor</td>
<td>B</td>
<td>6,300</td>
<td>19591</td>
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<td>63.</td>
<td>Raymond E. Williams</td>
<td>Assistant Professor</td>
<td>ZB33</td>
<td>2,275</td>
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<td>64.</td>
<td>Kathryn J. Sutherland</td>
<td>Associate, Emerita</td>
<td>R</td>
<td>6,850</td>
<td>19591</td>
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<td>65.</td>
<td>Edward S. Berry, Jr.</td>
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<td>D</td>
<td>6,000</td>
<td>19591</td>
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<td>66.</td>
<td>L. Thomas Fredrickson</td>
<td>Instructor</td>
<td>D</td>
<td>6,500</td>
<td>19591</td>
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<td>67.</td>
<td>Kenneth L. Gaburo</td>
<td>Instructor</td>
<td>D</td>
<td>6,400</td>
<td>19591</td>
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<td>68.</td>
<td>George R. Mathis</td>
<td>Instructor</td>
<td>D</td>
<td>5,900</td>
<td>19591</td>
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<td>69.</td>
<td>Jack H. McKenzie</td>
<td>Instructor</td>
<td>ZD75</td>
<td>9,400</td>
<td>19591</td>
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<td>70.</td>
<td>Stella Percival</td>
<td>Instructor, Emerita</td>
<td>R</td>
<td>6,600</td>
<td>19591</td>
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<td>71.</td>
<td>Martin Picker</td>
<td>Instructor</td>
<td>D</td>
<td>5,550</td>
<td>19591</td>
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<td>72.</td>
<td>Robert B. Smith</td>
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<td>74.</td>
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<td>19591</td>
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<td>75.</td>
<td>James L. Campbell</td>
<td>Assistant</td>
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<td>3,600</td>
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<td>76.</td>
<td>10:25 Full Time Equivalent Assistants</td>
<td>37,600</td>
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<td>Nonacademic Salaries</td>
<td>44,710</td>
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<td>Total</td>
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<td>Equipment</td>
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<td>19591</td>
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<td>Total, Wages, Expense, and Equipment</td>
<td>(50,000)</td>
<td>19591</td>
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<td>Total, School of Music</td>
<td>$645,475</td>
<td>19591</td>
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**Music Revolving**

Account Number 12-24-25-170

| Expense | $2,000 | 19591 |

**Music Records Revolving**

Account Number 12-24-25-172

| Expense | $200 | 19591 |
School of Music Scholarships
Account Number 00-24-26-880
Expense, Orchestra .................................. $ 5,000
Total, School of Music Scholarships ................. $ 5,000

University of Illinois Bands
Account Number 00-24-35-100
1. Mark H. Hindsley, Director ......................... ZBY67 $ 9,870
   (Total Salary) .................................. (13,000)
2. Haskell O. Sexton, Professor ...................... ZA25 2,250
   (Total Salary) .................................. (9,000)
3. Guy M. Duker, Assistant to Director .............. ZBY67 6,400
   (Total Salary) .................................. (9,000)
4. Everett D. Kisinger, Assistant Director .......... ZB67 5,000
   (Total Salary) .................................. (9,000)
5. A. J. McDowell, Associate Professor .............. ZA25 2,000
   (Total Salary) .................................. (8,000)
   (Total Salary) .................................. (6,000)
7. 0.25 Full Time Equivalent Assistants ............ E 900
Nonacademic Salaries ................................ 8,400
Total, Salaries .................................... (37,510)
Wages .................................................. 3,500
Expense ............................................... 9,300
Equipment ............................................ 5,500
Total, Wages, Expense, and Equipment ................ (18,300)
Total, University of Illinois Bands .................. $ 55,810

University of Illinois Bands Revolving
Account Number 12-24-35-170
Expense ............................................... $ 15,000
Total, University of Illinois Bands Revolving ....... $ 15,000

Band Scholarship and Commencement Expense
Account Number 00-24-36-880
Expense ............................................... $ 6,000
Total, Band Scholarship and Commencement Expense .... $ 6,000

Small Homes Council
Account Number 00-24-50-300
1. Rudard A. Jones, Director ........................ ZBY $ 14,000
2. William H. Kapple, Research Associate Professor of Architecture ZAY 9,150
3. Mary S. Ziegler, Editor with rank of Assistant Professor BY 7,350
4. ————, Research Associate Professor ................ BY 7,350
5. Donald H. Percival, Research Assistant Professor of Forestry ZDY 7,350
Nonacademic Salaries ................................ 19,200
Total, Salaries ..................................... (66,350)
Wages .................................................. 1,400
Expense ............................................... 5,500
Equipment ............................................ 1,000
Total, Wages, Expense, and Equipment ................ (7,900)
Total, Small Homes Council .......................... $ 74,250

Small Homes Council Publications Revolving
Account Number 12-24-50-466
Nonacademic Salaries ................................ $ 3,120
Total, Salaries ..................................... (3,120)
Wages .................................................. 3,000
1959]

UNIVERSITY OF ILLINOIS

<table>
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<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Small Homes Council Publications Revolving</th>
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<td>$32,570</td>
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**Kranert Art Museum**

Account Number 00-24-80-100

1. C. V. Donovan, Director (Total Salary) ZA50 $6,500
2. Assistant Director DY 7,000
3. 50 Full Time Equivalent Assistants. E 1,800

Nonacademic Salaries

Total, Wages, Expense, and Equipment. 2,600

Total, Kranert Art Museum $25,700

**GRADUATE COLLEGE**

<table>
<thead>
<tr>
<th>General</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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**Instruction**

| Administration | $84,750 | $160,050 | $100,800 |
| Center for Advanced Study | 31,840 | 31,840 |
| Total, Instruction | (116,590) | (16,050) | (132,640) |

**Organized Research**

| Special Fund | 43,740 | 43,740 |
| Research | 72,600 | 72,600 |
| Digital Computer Laboratory | 169,910 | 169,910 |
| Illinois Historical Survey | 7,200 | 7,200 |
| Natural Areas and Uncultivated Lands | 4,698 | 4,698 |
| Physical Environment Unit | 7,224 | 7,224 |
| Radiocarbon Laboratory | 23,130 | 23,130 |
| General Publications | 49,000 | 49,000 |
| Total, Organized Research | (327,902) | (258,850) | (586,752) |

**Student Aid**

| Fellowships | 262,500 | 262,500 |
| Total, General | $444,492 | $537,400 | $981,892 |

**Restricted**

| Thesis and Microfilm Revolving | $8,000 | $8,000 |

**Organized Research**

| Estimated Indirect Costs | $100,000 | 215,000 | 315,000 |
| Estimated Private Gifts | 20,000 | 20,000 | 40,000 |
| Estimated U.S. Contracts | 220,000 | 250,000 | 470,000 |
| Total, Organized Research | (340,000) | (485,000) | (825,000) |
| Total, Restricted | $340,000 | $493,000 | $833,000 |

**Administration**

Account Number 00-26-01-100

1. F. T. Wall, Dean (Total Salary) ZBY80 $17,600
2. R. D. Carmichael, Dean, Emeritus ZR ....
3. J. Austin Ranney, Associate Dean (Total Salary) ZBY59 7,300
4. Robert M. Sutton, Associate Dean (Total Salary) ZBY73 8,600
5. Helen M. Hay, Assistant to Dean (Total Salary) DY 8,700

(Includes full time in summer)
Nonacademic Salaries .............................
Wages .............................................
Expense .........................................
Contingent ......................................
Equipment ......................................
Convention Travel ............................... 600
Total, Wages, Expense, and Equipment ...........
Total, Administration ........................... $100,800

Thesis and Microfilm Revolving
Account Number 12-26-01-132
Expense ......................................... $8,000
Total, Thesis and Microfilm Revolving ...........

Radiation Hazards Workmen's Compensation
Account Number 44-26-01-316
1. Jerome J. Steerman, University Health Physicist with rank of Instructor. $8,700
2. Paul R. Hesselmann, Assistant Health Physicist. 6,800
3. 1.00 Full Time Equivalent Assistants. 4,800
Total, Radiation Hazards Workmen's Compensation. $25,300

Cooperative Investigations
U.S. NATIONAL SCIENCE FOUNDATION — GRADUATE RESEARCH — ELECTRON MICROSCOPE LABORATORY
Account Number 46-26-01-356
1. Rubin Borasky, Electron Micrographer. $9,000

Special Fund
Account Number 00-26-05-300
1. Dallas W. Smythe, Research Professor of Communications. $6,000
   (Total Salary) .................................. (12,000)
   (On leave with pay first semester 1959-60)
2. , Visiting Associate Professor of Animal Nutrition. 7,500
3. Morio Obata, Research Associate in Mathematics. 5,500
4. Ramajit Sen Gupta, Research Associate in Chemistry. 6,000
5. , Research Associate. 4,600
6. 1.50 Full Time Equivalent Assistants. 7,600
Total, Special Fund. $43,740

Indirect Costs — Special Graduate Fund
Account Number 41-26-05-300
1. Lejaren A. Hiller, Jr., Assistant Professor of Music. $3,800
   (Total Salary) .................................. (7,300)
2. Donald M. Ginsberg, Research Associate in Physics. 6,136
   (Total Salary) .................................. (7,300)
Total, Indirect Costs — Special Graduate Fund. $9,936

Research
Account Number 06-26-10-390
1. 20.00 Full Time Equivalent Assistants. $72,000
Wages, Unassigned 38,000
Expense, Unassigned 20,000
Equipment, Unassigned 16,000
Total, Research $148,000
Digital Computer Laboratory

Account Number 00-26-15-300

1. R. E. Meagher, Head .................................. ZA $16,500
   (On leave without pay one year from April 1, 1960)
2. James E. Robertson, Research Professor of Electrical Engineering .......... ZA $13,300
3. James N. Snyder, Research Professor of Physics .................................. ZA $11,500
4. A. H. Taub, Research Professor of Applied Mathematics .................................. ZA $20,000
5. Donald B. Gillies, Research Associate Professor of Applied Mathematics ....... ZAY $10,000
6. David E. Muller, Research Associate Professor of Applied Mathematics ....... ZAY $12,000
7. Wolfgang Poppelbaum, Research Associate Professor of Electrical Engineering .... ZAY $10,400
8. Lloyd D. Fosdick, Research Assistant Professor of Physics .................. ZB $7,500
9. Gernot A. Metze, Research Assistant Professor .................................. BY $7,800
10. Kern W. Dickman, Research Assistant ........................................ DY $7,000
11. 1.50 Full Time Equivalent Assistants ........................................... E $5,700
12. 1.00 Full Time Equivalent Assistants ........................................... DY $4,800
Nonacademic Salaries ........................................................................... $35,910
Total, Salaries ..................................................................................... $169,910
Wages ...................................................................................................... $20,350
Equipment ............................................................................................... $5,000
Expense .................................................................................................... $7,700
Total, Wages, Expense, and Equipment ............................................. $112,350
Total, Digital Computer Laboratory .................................................. $282,260

Indirect Costs — Digital Computer 650 Rental

Account Number 40-26-15-315

Expense ................................................................. $15,000
Total, Indirect Costs — Digital Computer 650 Rental ........................... $15,000

Center for Advanced Study

Account Number 00-26-20-100

1. John Bardeen, Professor of Electrical Engineering and Physics ............. $1,080
   (Total Salary) .................................................................................. (20,000)
2. J. L. Doob, Professor of Mathematics .............................................. $2,500
   (Total Salary) .................................................................................. (19,000)
3. R. C. Fuson, Professor of Organic Chemistry .................................... $2,760
   (Total Salary) .................................................................................. (17,500)
4. Julian H. Steward, Research Professor of Anthropology .................... $2,700
   (Total Salary) .................................................................................. (17,000)
5. Richard E. Downs, Research Associate in Anthropology ..................... $6,000
6. Frederic K. Lehman, Research Associate in Anthropology .................. $5,600
7. Salaries Unassigned ........................................................................... $11,200
Total, Center for Advanced Study ..................................................... $31,840

Illinois Historical Survey

Account Number 00-26-25-300

1. Marguerite J. Pease, Director, with rank of Assistant Professor ............ D50 $3,600
2. 1.00 Full Time Equivalent Assistants .............................................. E $3,600
   Total, Salaries .................................................................................. (7,200)
   Wages .................................................................................................. $400
   Expense .............................................................................................. $500
   Equipment ........................................................................................... $200
   Total, Wages, Expense, and Equipment ............................................ (1,100)
   Total, Illinois Historical Survey ..................................................... $8,300
**Natural Areas and Uncultivated Land**

Account Number 00-26-33-300  
**Nonacademic Salaries** .......................................................... $ 4,688  
**Expense** .............................................................................. $ 850  

*Total, Natural Areas and Uncultivated Land* ............................................. $ 5,548

**Physical Environment Unit**

Account Number 00-26-35-300  
1. M. K. Fahnestock, Chairman ................................................. ZDY  
**Nonacademic Salaries** ..................................................................... $ 7,224  

*Total, Salaries* .............................................................................. (7,224)  
**Expense** ......................................................................................... 2,250  
**Equipment** ..................................................................................... 2,000  

*Total, Wages, Expense, and Equipment* .................................................. (4,250)  

*Total, Physical Environment Unit* ....................................................... $ 11,474

**Radiocarbon Laboratory**

Account Number 00-26-40-300  
1. Robert F. Nystrom, Associate Professor of Chemistry AY  
2. George Wolf, Associate Professor of Animal Nutrition ZAY  
3. 0.50 Full Time Equivalent Assistants E  
**Nonacademic Salaries** ..................................................................... $ 10,800  

*Total, Salaries* .................................................................................... (23,130)  
**Wages** ............................................................................................. 1,300  
**Expense** .......................................................................................... 12,500  
**Equipment** ....................................................................................... 3,000  

*Total, Wages, Expense, and Equipment* .................................................. (16,800)  

*Total, Radiocarbon Laboratory* ............................................................. $ 39,930

**General Publications**

Account Number 00-26-50-332  
**Expense, Illinois Studies** ................................................................. $ 12,500  
**Expense, Journal of English and Germanic Philology** ..................... 4,000  
**Expense, General Publications** ......................................................... 3,000  
**Expense, Scholarly Publications** ....................................................... 30,000  

*Total, General Publications* ................................................................. $ 49,500

**Fellowships**

Account Number 00-26-65-880  
**Stipends of Fellows** ................................................................. $262,500  

*Total, Fellowships* ......................................................................... $262,500

**State Natural History Survey**

**Cooperative Investigations**

U.S. Public Health Service E1231  
Account Number 46-26-82-364  
1. Mary E. Mann, Research Assistant in Economic Entomology ............... DY  

*Total, U.S. Public Health Service E1231* .................................................. $4,700

U.S. Public Health Service E593  
Account Number 46-26-82-366  
1. Louise D. Zingrone, Research Assistant in Economic Entomology ............. DY  

*Total, U.S. Public Health Service E593* .................................................. $4,700

U.S. Public Health Service E1349  
Account Number 46-26-82-368  
1. Thomas R. B. Barr, Instructor in Veterinary Pathology and Hygiene ............. DY  
2. Bobbie J. Verts, Field Mammalogist, Wildlife Research  
3. Erwin W. Pearson, Research Assistant  

*Total, U.S. Public Health Service E1349* .................................................. $15,450
State Water Survey

U.S. Air Force 4940
Account Number 46-26-84-306
1. Kenneth E. Wilk, Research Assistant.......... FY $ 7,200
(Effective July 1, 1959)

U.S. National Science Foundation G6352
Account Number 46-26-84-356
1. James W. Buflock, Research Associate.......... FY $ 7,500
(Effective July 1, 1959)

U.S. Army Signal Corps 75055
Account Number 46-26-84-312
1. Eugene A. Mueller, Research Associate.......... FY $ 9,300
(Effective July 1, 1959)
2. Miyuki Fujiwara, Research Assistant........... FY $ 5,200
(Effective July 1, 1959)
Total, U.S. Army Signal Corps 75055......... $14,500

College of Journalism and Communications

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<th>General</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<td>(220,715)</td>
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Organized Research
Institute of Communications Research...... 58,380
Estimated Private Gifts.......... 3,100
61,480

Extension and Public Services
Broadcasting
Administration | 12,390 | 1,000 | 13,390 |
Radio Station | 104,677 | 45,200 | 149,877 |
Television-Motion Pictures | 93,734 | 56,600 | 150,334 |
Total, Extension and Public Services | (210,801) | (102,800) | (313,601) |
Total, General........ $471,546 | $124,250 | $595,796 |

Restricted

<table>
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<th>Salaries</th>
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Administration
Account Number 00-28-01-100
1. Theodore B. Peterson, Dean............... ZBY $14,500
2. John H. Schacht, Assistant to Dean.......... ZBY75 $6,525
(Total Salary) (8,700)
3. 1.00 Full Time Equivalent Assistants........ E $3,800
Nonacademic Salaries | 14,400 |
Total, Salaries | (39,225) |
Wages | 900 |
Expense | 11,500 |
Contingent | 3,000 |
Convention Travel | 1,000 |
Nonrecurring Unassigned ................................................. (1,000)
Equipment ........................................................................ 1,950
Total, Wages, Expense, and Equipment ........................................... (18,350)
Total, Administration ................................................................. 57,575

### Advertising

Account Number 00-28-03-100

1. C. H. Sandage, Professor of Advertising and Head of Department. A $14,100
2. Leslie W. McClure, Professor. A $9,700
3. James E. Moyer, Associate Professor. A $9,000
4. Hugh W. Sargent, Assistant Professor. B $7,900
5. Robert D. Watters, Instructor. D $50
6. Vincent P. Norris, Assistant. (Total Salary) ZE $75

Total, Advertising ........................................................................ $46,450

### Cooperative Investigations

**James Webb Young Advertising**

Account Number 44-28-03-192

1. Vincent P. Norris, Assistant. ZE $1,050

### Journalism

Account Number 00-28-10-100

1. Jay W. Jensen, Associate Professor and Head of Department. A $10,000
2. R. R. Barlow, Professor. A $9,700
3. L. W. Murphy, Professor. A $10,000

(On leave with pay first semester 1959-60)

4. Theodore B. Peterson, Professor. ZA
5. Donald E. Brown, Associate Professor. A $9,200
6. George Gerbner, Associate Professor. ZAY $4,700

(Total Salary) (9,400)

7. Josef F. Wright, Associate Professor, Emeritus. ZR
8. Owen F. Glissendorf, Assistant Professor. ZBY
9. Joe C. Sutton, Associate Professor. A $8,600
10. Glenn Hanson, Assistant Professor. B $7,950
11. Richard L. Hildwein, Assistant Professor. B $7,500
12. John H. Schacht, Assistant Professor. ZBY $2,175

(Total Salary) (8,700)

13. Arthur E. Strang, Assistant Professor. B $4,000
14. ———, Research Assistant Professor. B $25,1 $950
15. William W. Alfeld, Instructor. D $3,600
16. Donald L. Smith, Instructor. D $5,200

Total, Journalism ........................................................................ $84,575

### Radio and Television

Account Number 00-28-15-100

1. Hubert V. Cordier, Associate Professor and Head of Department. A $9,300
2. F. E. Schooley, Associate Professor. ZAY $2,760

(Total Salary) (13,860)

3. Richard L. Rider, Assistant Professor. ZBY $4,320

(Total Salary) (10,820)

4. John E. Cramer, Instructor. ZD $3,465

(Total Salary) (7,700)

5. Richard G. Lawson, Instructor. DY $940

(Total Salary) (7,390)

(Also nonacademic)

6. Henry W. Lippold, Jr., Instructor. ZDY $3,600

(Total Salary) (7,200)
7. John A. Regnell, Instructor .......................... D25 1 730
   (Total Salary) .......................... 1 730
   (Also nonacademic)
8. _________, Instructor .......................... D25 3 700
9. Harry J. Skornia, Lecturer .......................... DY15 2 300
   Total, Radio and Television .......................... $ 32 115

Institute of Communications Research

Account Number 00-28-20-300
1. Charles E. Osgood, Director .......................... ZDY73\{ Research Professor .......................... AY 10 920
   (Total Salary) .......................... (15 000)
2. Dallas W. Smythe, Research Professor .......................... ZA50 6 000
   (Total Salary) .......................... (12 000)
   (On leave with pay first semester 1959-60)
3. George Gerber, Research Associate Professor .......................... ZAY50 4 700
   (Total Salary) .......................... (9 400)
4. William J. McGuire, Research Associate Professor .......................... ZA30 2 340
   (Total Salary) .......................... (7 850)
5. Bennett M. Berger, Research Assistant Professor .......................... ZB75 5 140
   (Total Salary) .......................... (6 850)
6. Howard S. Maclay, Research Assistant Professor .......................... BY 8 800
7. Mary D. Sleator, Research Assistant Professor .......................... ZB33 2 030
   (Total Salary) .......................... (6 100)
8. _________, Research Assistant Professor .......................... D67 4 000
9. _________, Research Assistant Professor .......................... B75 5 850
10. 1.50 Full Time Equivalent Assistants .......................... E 5 600
Nonacademic Salaries .......................... 3 000
   Total, Salaries .......................... (58 380)
Wages .................................................. 600
Expense ................................................ 2 300
Equipment .......................................... 200
   Total, Wages, Expense, and Equipment .......................... (3 100)
Total, Institute of Communications Research .......................... $ 61 480

Broadcasting

Administration
Account Number 00-28-21-400
1. F. E. Schooley, Director of Broadcasting and Manager of Radio and Television Stations .......................... ZBY80 11 040
   (Total Salary) .......................... (13 800)
Nonacademic Salaries .......................... 1 350
   Total, Salaries .......................... (12 350)
Expense ............................................. 1 000
   Total, Administration .......................... $ 13 350

Radio Station
Account Number 00-28-25-400
1. John E. Cramer, News Supervisor .......................... ZDY50 4 235
   (Total Salary) .......................... (7 700)
Nonacademic Salaries .......................... 100 442
   Total, Salaries .......................... (104 677)
Wages ............................................. 6 000
Expense, General ................................... 34 200
Equipment .......................................... 5 000
   Total, Wages, Expense, and Equipment .......................... (43 200)
   Total, Radio Station .......................... $149 877

Television-Motion Pictures
Account Number 00-28-28-400
1. Richard L. Rider, Assistant Manager of Television Station and Supervisor of Television-Motion Pictures .......................... ZBY60 6 480
   (Total Salary) .......................... (10 800)
2. Lewis V. Peterson, Producer-Supervisor of Television-Motion Pictures ........................................... DY 9,350
3. Henry W. Lippold, Jr., Supervisor of Television News ......................................................... ZDY 50 3,800
   (Total Salary) ......................................................... (7,200)
4. Producer of Television Station ..................................... DY 25 1,650
   Nonacademic Salaries ..................................................
   Total, Salaries ....................................................... (9,374)
   Wages ........................................................................ 12,000
   Expense ....................................................................... 42,100
   Equipment ..................................................................... 2,500
   Total, Wages, Expense, and Equipment ....................................................... (56,600)
   Total, Television-Motion Pictures ......................................... $150,334

Television Film Service
Account Number 00-28-28-0982
1. Producer of Television Station .................................. DY 25 $1,350
   Total, Television Film Service ..................................... $1,350

COLLEGE OF LAW

General Salaries Wages, Expense, and Equipment Total

 Instruction College of Law $272,510 $23,000 $295,510
Student Aid Scholarships .................. $4,600 $4,600
Total, General ................................... $272,510 $27,600 $300,110

Law
Account Number 00-30-10-100
1. Russell N. Sullivan, Dean ......................... Professor ........................................... BY 1 $21,500
   (Paid from item 7)
2. Albert J. Harno, Dean and Professor, Emeritus .... R ........
   Ralph C. Barnhart, Professor ......................... G (8,000)
   (Semester II)
   (Paid from item 7)
4. C. H. Bowman, Professor ................................ A 12,700
   William E. Britton, Professor, Emeritus ........ R ........
6. Kenneth S. Carlston, Professor ..................... A 13,800
   (On leave with pay second semester 1959-60)
7. Edward W. Cleary, Professor ....................... A 18,600
   (On leave without pay 1959-60)
8. Rubin G. Cohn, Professor ......................... A 16,000
   (Includes service to University Retirement System)
9. John E. Cribbet, Professor ......................... A 16,400
10. Wylie H. Davis, Professor ............................ A 14,100
11. R. W. Fleming, Professor ........................... A 15,900
12. George T. Frampton, Professor ................... A 13,300
   (On leave without pay 1959-60)
13. George B. Fraser, Professor ......................... G (7,000)
   (Semester I)
   (Paid from item 7)
14. George W. Goble, Professor, Emeritus .......... R ........
15. Harold W. Holt, Professor .......................... A 14,100
16. Ralph F. Lesemann, Professor ...................... ZAY ..........
17. M. I. Schnebel, Professor, Emeritus ........ R ........
18. Eugene F. Scoles, Professor ......................... A 14,400
19. Richard B. Stephens, Professor .................... D (15,000)
   (Paid from items 7 and 12)
20. Victor J. Stone, Professor ......................... A 11,300
21. Walter L. Summers, Professor, Emeritus ........ R ........
22. J. G. Thomas, Professor .......................... A33 3,500
23. William D. Warren, Professor .................................. A 13 300
24. George B. Weisiger, Professor, Emeritus ................ R ......
25. J. Nelson Young, Professor .................................. A 16 400
26. Robert B. Looper, Associate Professor .................. A 10 100
27. Paul O. Proehl, Associate Professor ...................... A 10 000
28. Margaret J. Scranton, Assistant Editor with rank of Assistant ............... DY 4 800
29. 2.25 Full Time Equivalent Assistants ...................... E 10 770
Nonacademic Salaries ............................................. 21 540
Total, Salaries .................................................. (272 510)
Wages .............................................................. 1 000
Expense ........................................................... 20 300
Convention Travel ............................................... 1 000
Equipment ......................................................... 700
Total, Wages, Expense, and Equipment ....................... (23 000)
Total, Law ......................................................... $295 510

Law Scholarships

Account Number 00-30-11-880
Expense, Law Scholarships ....................................... $ 2 500
Expense, Law Fellowships ........................................ 2 100
Total, Law Scholarships ........................................ $ 4 600

COLLEGE OF LIBERAL ARTS AND SCIENCES

General

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### Restricted

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<td>(23,400)</td>
<td>(48,460)</td>
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### Organized Research

| Illinois Journal of Mathematics Revolving | 2,000 | 2,000 |
| Estimated Indirect Costs | 10,000 | 50,000 | 60,000 |
| Estimated Private Gifts | 200,000 | 100,000 | 300,000 |
| Estimated U.S. Contracts | 700,000 | 450,000 | 1,150,000 |
| **Total, Organized Research** | (910,000) | (602,000) | (1,512,000) |
| **Total, Restricted** | $935,060 | $625,400 | $1,560,460 |

### Administration

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<td>1. Lyle H. Lanier, Dean</td>
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<td>2. Gibbon Butler, Associate Dean</td>
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<td>3. O. A. Kubitz, Assistant Dean</td>
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<td>4. Jum C. Nunnally, Jr., Associate Dean</td>
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<td><strong>Total Salary</strong></td>
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<tr>
<td>5. Francis J. Koening, Assistant Dean</td>
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<td>6. 5.00 Full Time Equivalent Assistants</td>
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<td><strong>Convention Travel</strong></td>
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### Anthropology

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<td>3. John C. McGregor, Professor</td>
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<td>4. Julian H. Steward, Research Professor</td>
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<td><strong>Total Salary</strong></td>
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<td>5. Associate Professor</td>
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<tr>
<td>6. Donald W. Lathrap, Instructor</td>
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<td>7. 1.00 Full Time Equivalent Assistants</td>
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<td><strong>Nonacademic Salaries</strong></td>
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<td><strong>Wages</strong></td>
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### Astronomy

Account Number 00-32-10-100

1. George C. McVittie, Professor and Head of Department A $16,200
2. R. H. Baker, Professor, Emeritus R
3. George W. Swenson, Jr., Research Professor ZA48 $5,280

(Total Salary) (11,000)

4. Stanley P. Wyatt, Jr., Associate Professor A $8,550
5. Ivan R. King, Assistant Professor B $7,300
6. Arthur J. Meadows, Assistant Professor B $6,000
7. 1.00 Full Time Equivalent Assistants E $3,600

Total, Salaries $46,930

Wages 1,065
Expense 1,500
Equipment 1,800

Total, Wages, Expense, and Equipment $4,365

Total, Astronomy $51,295

### Cooperative Investigations

U.S. Office of Naval Research 1834 22

Account Number 46-32-10-364

1. Yuen Tze Lo, Assistant Professor ZBY33 $3,700
   (Total Salary) (11,100)

### Botany

Account Number 00-32-16-100

1. Wilson N. Stewart, Professor ZA81} $9,320
   Chairman of Department B
   (Total Salary) (11,500)

2. Lindsay M. Black, Professor ZA $13,000
3. Harry J. Fuller, Professor A
   (On disability leave without pay)

4. C. F. Hottes, Professor, Emeritus ZRA
5. G. Neville Jones, Professor and Curator of Herbarium A $11,100
6. John R. Laughman, Professor ZA $13,000
7. Eugene I. Rabinowitch, Research Professor AY $14,000
8. Donald P. Rogers, Professor and Curator of Mycological Collections A $11,650
9. Arthur G. Vestal, Professor, Emeritus R
10. ————, Professor ZA $17,500
11. ————, Research Professor AY $12,500
12. ————, Professor A $12,600
13. John B. Hanson, Associate Professor ZAY
14. Robert M. Kosanke, Associate Professor DYI0 $970
15. James F. Nance, Associate Professor A $9,000
   (On leave with pay second semester 1959-60)
16. Paul C. Silva, Associate Professor A $8,700
17. Lawrence C. Bliss, Assistant Professor B $6,800
18. Lawrence R. Heckard, Assistant Professor B $6,800
19. Douglas M. Post, Assistant Professor B $6,800
20. Stella Hague, Associate, Emerita RA
21. ————, Research Associate DY $6,000
22. Ruth M. Haynes, Research Assistant DY $4,600
23. 0.00 Full Time Equivalent Assistants E $3,400

Nonacademic Salaries $35,190

Total, Salaries (231,930)

Wages 4,400
Expense 21,500
Equipment 3,730

Total, Wages, Expense, and Equipment (20,630)

Total, Botany $261,560
Cooperative Investigations

AMERICAN CANCER SOCIETY E 4
Account Number 44-32-16-303
1. Robert F. Whitcomb, Research Assistant ZDY50 $ 2 200
(Total Salary) (4 400)

U.S. NATIONAL SCIENCE FOUNDATION G 5976
Account Number 46-32-16-352
1. David E. G. Irvine, Research Associate DY $ 5 370

U.S. NATIONAL SCIENCE FOUNDATION G2640
Account Number 46-32-16-358
1. Robert F. Whitcomb, Research Assistant ZDY50 $ 2 200

U.S. NATIONAL SCIENCE FOUNDATION G4966
Account Number 46-32-16-361
1. Ruth V. Chalmers, Research Assistant DY $ 4 500

U.S. NATIONAL SCIENCE FOUNDATION G4324
Account Number 46-32-16-362
1. Stanley Ainsworth, Research Associate DY $ 6 000

U.S. OFFICE OF NAVAL RESEARCH 1834 16
Account Number 46-32-16-365
1. Shoji Ichimura, Research Associate DY75 $ 4 400

Chemistry and Chemical Engineering

Account Number 00-32-19-100
1. H. E. Carter, Professor of Biochemistry and Head of Department A $ 20 000
2. Roger Adams, Research Professor, Emeritus R
3. L. F. Audrieth, Professor of Inorganic Chemistry A 12 100
(On leave without pay two years from September 1, 1959)
4. John C. Bailar, Jr., Professor of Inorganic Chemistry ZA 15 400
5. A. M. Buswell, Research Professor, Emeritus A
6. George L. Clark, Research Professor of Analytical Chemistry A 13 000
7. David Y. Curtin, Professor of Organic Chemistry A 12 500
8. Harry G. Drickamer, Professor of Chemical Engineering and Physical Chemistry ZA 18 000
9. Duane T. Englis, Professor of Analytical Chemistry, Emeritus R
10. R. C. Fuson, Professor of Organic Chemistry ZA 14 740
(Total Salary) (17 500)
11. I. C. Gunsalus, Professor of Biochemistry A 18 000
(On leave with pay second semester 1959-60)
12. H. S. Gutowsky, Professor of Physical Chemistry A 17 000
13. H. F. Johnstone, Research Professor of Chemical Engineering ZA50 7 000
(Total Salary) (14 000)
14. H. A. Laitinen, Professor of Analytical Chemistry A 15 000
15. Nelson J. Leonard, Professor of Organic Chemistry ZA 15 000
(On leave with pay second semester 1959-60)
16. Carl S. Marvel, Research Professor of Organic Chemistry A 17 300
17. Therald Moeller, Professor of Inorganic Chemistry A 12 500
18. Max S. Peters, Professor of Chemical Engineering ZA57 7 125
(Total Salary) (12 500)
19. T. E. Phipps, Professor of Physical Chemistry A 10 500
20. W. H. Rodebush, Research Professor, Emeritus R
21. W. C. Rose, Research Professor, Emeritus R
22. G. Frederick Smith, Professor, Emeritus R
23. H. R. Snyder, Professor of Organic Chemistry and 14 300
Associate Head of Department A
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<td>Research Professor of Physical Chemistry</td>
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60. Clarence E. Pfluger, Instructor in Analytical Chemistry D 6,000
61. David B. Sowerby, Instructor in Inorganic Chemistry D 5,800
62. , Instructor in Chemical Engineering D 6,000
63. , Instructor in Physical Chemistry D 3,300
64. Claire I. Higham, Microanalyst D 4,700
65. Eula G. Ihnen, Spectroscopist D 4,700
66. Paul E. McMahon, Spectroscopist D 6,200
67. Jozsef Nemeth, Microanalyst D 8,800
68. Ben A. Shoulders, Spectroscopist D 5,900
69. Jane S. Liu, Microanalyst D 4,700
70. 49.50 Full Time Equivalent Assistants E 185,300
71. 1.00 Full Time Equivalent Assistants D 4,700
Nonacademic Salaries

| Total, Salaries | (954,825) |
| Wages | 8,940 |
| Expense | 250,600 |
| Equipment | 30,000 |
| Total, Wages, Expense, and Equipment | (288,940) |
| Total, Chemistry and Chemical Engineering | $1,243,765 |

Cooperative Investigations

AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FOUNDATION — RF SPECTROSCOPY
Account Number 44-32-19-304
1. Ian J. Lawrenson, Research Associate in Chemistry ZDY50 $ 5,400
(Effective October 1, 1959)
Total, American Chemical Society Petroleum Research Foundation — RF Spectroscopy $ 10,800

PROCTER AND GAMBLE COMPANY — EGG YOLK LIPIDS
Account Number 44-32-19-305
1. Mary A. Miller, Research Assistant in Chemistry ZDY50 $ 2,350
(Total Salary) (4,700)

PROCTER AND GAMBLE COMPANY — WHEAT LIPIDS
Account Number 44-32-19-367
1. Mary A. Miller, Research Assistant in Chemistry ZDY50 $ 2,350

RESEARCH CORPORATION — FERROCENE DERIVATIVE
Account Number 44-32-19-372
1. Lars F. Westman, Research Associate in Chemistry FY $ 5,640
(Effective March 1, 1960)

U.S. AIR FORCE 5446
Account Number 46-32-19-305
1. Kenichi Morinaga, Research Assistant in Chemistry DY $ 5,000

U.S. AIR FORCE 5486
Account Number 46-32-19-306
1. Harold A. Goodwin, Research Associate in Chemistry ZFY50 $ 2,700
(Total Salary) (5,400)
(Effective September 16, 1959)

AMERICAN CHEMICAL SOCIETY — PETROLEUM RESEARCH FUND — METAL COMPLEXES
Account Number 44-32-19-305
1. Harold A. Goodwin, Research Associate in Chemistry ZFY50 $ 2,700
(Effective September 16, 1959)

U.S. ARMY ORDNANCE 1987
Account Number 46-32-19-314
1. Thomas B. Reddy, Research Associate in Chemistry DY $ 5,500
2. Keith E. Johnson, Research Associate in Chemistry FY $ 5,500
Total, U.S. Army Ordnance 1987 $ 11,000
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<td>David W. West</td>
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<td>U.S. Public Health Service 2G 321</td>
<td>Benjamin D. Hall</td>
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<td>Giuseppe Vicari</td>
<td>Research Associate in Chemistry</td>
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<td>Gerd A. W. Michel</td>
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<td>Klaus Jann</td>
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111. Edward R. Levy, Assistant................................................ E  
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114. James M. MacIntyre, Assistant........................................... E  
115. William A. McQueen, Assistant......................................... E  
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138. .................., Assistant................................................. E  
139. .................., Assistant................................................. E  
140. 31.00 Full Time Equivalent Assistants................................ E

Nonacademic Salaries

| Total, Salaries |
|-----------------|-----------------|
| $12 970         |

Wages

| General         | 7 200 |

Expense, Printing of Accent

| 1 600 |

Equipment

| 2 500 |

Total, Wages, Expense, and Equipment

| (20 200) |

Entomology

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Total, Salaries

| (85 090) |

Expense

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### Cooperative Investigations

**ROCKEFELLER FOUNDATION — FRAENKEL**

Account Number 44-32-28-372

1. Robert T. Yamamoto, Research Associate ................................... DY $6000

**ROCKEFELLER FOUNDATION — KEARNS**

Account Number 44-32-28-373

1. Shen C. Chang, Research Associate ......................................... DY $6300

### French

Account Number 00-32-31-100

1. Charles A. Knudson, Professor and Head of Department ................................ A $15000
2. Cameron C. Gullette, Professor ........................................... A 9100
3. J. F. Jackson, Professor .................................................. A 11200
4. Paul E. Jacob, Professor .................................................. A 9200
5. Philip Kolb, Professor ..................................................... A 10600
6. Philip A. Wadsworth, Professor ........................................... A 11800
   (On leave with pay second semester 1959-60)
7. Bruce H. Mainous, Associate Professor ..................................... A 8800
8. Angelina Pietrangeli, Associate Professor ................................... ZA50 4500
   **(Total Salary)** .......................................................... (9000)

9. Claude P. Vien, Associate Professor ........................................ A 9200
10. Edwin Jahiel, Assistant Professor ......................................... B 6200
11. Robert E. Hallowell, Assistant Professor ................................... B 7550
12. Francis W. Nachtmann, Assistant Professor .................................. B 6300
13. ————, Assistant Professor ................................................ B 6600
14. ————, Assistant Professor ................................................ B 6400
15. Stanley E. Gray, Instructor ................................................. D 5400
16. Claude K. Abraham, Instructor .............................................. D 5400
17. Cordelia Reed, Instructor ..................................................... D 5600
18. 9.75 Full Time Equivalent Assistants ..................................... E75 37255

**Nonacademic Salaries** .................................................................. 4260

**Total, Salaries** .......................................................................... (178365)

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Account Number 00-32-37-100

1. James M. McCrimmon, Professor of Humanities and Head of Division of General Studies ................................ A $11000
   (On leave with one-half pay 1959-60)
2. William Habberton, Professor, Emeritus ....................................... R .......
3. M. T. Herrick, Professor of English ........................................... ZA33 4560
   **(Total Salary)** ............................................................. (14000)
4. Otto E. Kugler, Professor of Biological Science .......................... A 9200
5. ————, Professor of Physical Science .......................................... A 9600
6. ————, Professor of History ................................................... A 9200
7. Frank Costin, Associate Professor of Psychology .......................... ZA50 4050
   **(Total Salary)** ............................................................. (8100)
8. Robert Siegfried, Associate Professor of Chemistry ..................... A 7500
9. Edwin M. Banks, Assistant Professor of Biological Science ............ B 6400
10. Walter H. Draper, Assistant Professor of Verbal Communication ........ B 6000
11. Leo F. Koch, Assistant Professor of Biological Science B 5900
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Cooperative Investigations

U.S. NATIONAL SCIENCE FOUNDATION G 6591
Account Number 46-32-40-357

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1. F. M. Wahl, Research Assistant Professor............ FY $ 7000

(Two years from July 1, 1959)

German

Account Number 00-32-49-100

1. Frank G. Banta, Associate Professor ................. A1
   Chairman of Department ................................ B1 $ 9000
2. John R. Frey, Professor ............................. A1 $ 11700
   (On leave with pay first semester 1959-60)
3. J. T. Geissendoerfer, Professor, Emeritus .......... R1
4. Phillip M. Mitchell, Professor ..................... A1 $ 10200
5. Ernst A. Philipson, Professor ...................... A1 $ 11700
6. Henri Stegemeier, Professor ......................... A1 $ 10600
   (On leave with pay second semester 1959-60)
7. C. A. Williams, Professor, Emeritus ................ R1
8. Mimi Ida Jehle, Associate Professor ................. A1 $ 8100
9. Francis J. Nock, Associate Professor ............... A1 $ 8600
10. Gerard F. Schmidt, Assistant Professor .......... B1 $ 7700
11. Pauline S. Schwalbe, Assistant Professor ........ B1 $ 6000
12. Marvin H. Bragg, Instructor ....................... D1 $ 5200
13. James E. Engel, Instructor ........................ D1 $ 5400
14. Burkhard Seubert, Instructor ....................... D1 $ 5200
15. David E. Silas, Instructor ........................ D1 $ 5500
16. __________, Instructor ............................. D1 $ 5000
17. __________, Instructor ............................. D1 $ 5000
18. 5.50 Full Time Equivalent Assistants .............. E1 $ 20050

Nonacademic Salaries .................................... $ 3270

Total, Salaries .......................................... 138220

Wages .................................................. 100
Expense ............................................... 1400
Equipment ............................................. 400

Total, Wages, Expense, and Equipment .................. (1940)
Total, German ........................................ $140120

History

Account Number 00-32-52-100

1. J. W. Swain, Professor .............................. A1 $ 14300
   Chairman of Department ............................ D1
2. Arthur E. Bestor, Jr., Professor .................... A1 $ 12700
3. F. C. Dietz, Professor, Emeritus ................... R1
4. Edgar L. Erickson, Professor ....................... A1 $ 9400
5. Deno J. Geanakoplos, Professor ................. A1 $ 9400
6. Norman A. Graebner, Professor .................... A1 $ 13600
7. P. V. B. Jones, Professor, Emeritus ............ R1
8. Charles E. Nowell, Professor ....................... A1 $ 12700
9. F. S. Rodkey, Professor, Emeritus ............ R1
10. Fred A. Shannon, Professor ....................... A1 $ 13500
11. Chester G. Starr, Professor ....................... A1 $ 12200
12. Raymond P. Stearns, Professor ................. A1 $ 13000
13. James L. Bates, Associate Professor .......................... A  7 800
14. C. Ernest Dawn, Associate Professor .......................... A  9 200
   (On leave with pay second semester 1959-60)
15. Ralph T. Fisher, Jr., Associate Professor  .................. A  8 700
16. Robert W. Johannsen, Associate Professor .................... D  8 000
17. Maurice Lee, Jr., Associate Professor ....................... A  8 000
18. John B. Sirich, Associate Professor .......................... A  8 500
19. Robert M. Sutton, Associate Professor  ....................... ZAY27 3 000
   (Total Salary) ............................................. (11 600)
20. .........., Associate Professor ............................. A  8 750
21. Natalia M. Belting, Assistant Professor ...................... B  6 200
22. Louise B. Dunbar, Assistant Professor ....................... B  7 350
23. Ameda Ruth King, Assistant Professor ....................... B  6 100
24. Otto P. Pfanze, Assistant Professor ........................ B  7 800
25. Mary Lucille Shay, Assistant Professor ..................... ZB80 5 880
   (Total Salary) ............................................. (7 350)
26. ........, Assistant Professor ............................... B  6 500
27. 5.50 Full Time Equivalent Assistants  ...................... E  19 900

Nonacademic Salaries ........................................ 5 040

Total, Salaries ............................................... (237 420)

Wages .......................................................... 1 300
Expense .......................................................... 2 175
Equipment ....................................................... 650

Total, Wages, Expense, and Equipment .......................... (4 125)

Total, History ................................................. $241 545

Mathematics

Account Number 00-32-54-100

1. Mahlon M. Day, Professor and Head of Department ................ A $ 14 600
2. Reinhold Baer, Professor, Emeritus ........................... R  ..........
3. Paul T. Bateman, Professor ................................. A  11 000
4. Colin R. Blyth, Professor ................................. A  11 000
5. D. G. Bourgin, Professor ................................. A  15 000
6. H. R. Brahama, Professor ................................. A  15 000
7. Stewart S. Cairns, Professor ............................. A  15 000
8. R. D. Carmichael, Professor, Emeritus .................... ZR   ..........
9. A. B. Coble, Professor, Emeritus .......................... R   ..........
10. J. L. Doob, Professor ................................ ZA  16 500
    (Total Salary) ............................................. (19 000)
11. Maurice H. Heins, Professor ................................. A  13 500
12. P. W. Ketchum, Professor ................................. A  11 600
13. Joseph Landin, Professor ................................. A  10 000
14. Harry Levy, Professor ................................. A  11 000
15. C. W. Mendel, Professor ................................. A  10 000
16. Henry J. Miles, Professor ............................... AY45  5 400
    Executive Secretary of Department ....................... A55  5 400
    (Total Salary) ............................................. (10 800)
17. Robert E. Pingry, Professor ............................... ZA45  4 250
    (Total Salary) ............................................. (6 400)
18. Irving Reiner, Professor ................................. A  11 600
19. Michio Suzuki, Professor ................................. A  10 000
20. A. H. Taub, Research Professor of Applied Mathematics .. ZA   .......... 
21. W. J. Tritzinsky, Professor ............................. A  14 000
22. H. E. Vaughan, Professor ................................. A  9 000
23. .........., Professor of Mathematical Statistics ....... A  18 000
24. .........., Professor ................................. A  14 000
25. Beulah M. Armstrong, Associate Professor ............... A  8 600
26. Robert G. Bartle, Associate Professor .................... A  8 500
27. William W. Boone, Associate Professor ................... A  8 300
28. William A. Ferguson, Associate Professor ............... A  8 100
29. Olive C. Hazard, Associate Professor, Emerita ......... R   .......... 
30. Alex Heller, Associate Professor ........................ A  8 500
31. Franz E. Hohn, Associate Professor ..................... A  8 950
### Illinois Journal of Mathematics Revolving

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### Cooperative Investigations

**U.S. National Science Foundation** G 6512

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| 32. G. E. Moore, Associate Professor, Emeritus | R |
| 33. David E. Muller, Research Associate Professor | ZA |
| 34. J. William Peters, Associate Professor | A 8,359 |
| 35. Edward J. Scott, Associate Professor | A 8,100 |
| 36. L. L. Steimley, Associate Professor, Emeritus | R |
| 37. Wilfrid Wilson, Associate Professor, Emeritus | R |
| 38. Richard L. Bishop, Assistant Professor | B 6,500 |
| 39. O. K. Bower, Assistant Professor | B 7,000 |
| 40. Donald L. Burkholder, Assistant Professor of Mathematical Statistics | B 8,000 |
| 41. Josephine H. Chanler, Assistant Professor | B 7,300 |
| 42. Amiel Feinstein, Assistant Professor | B 7,000 |
| 43. Donald B. Gillies, Research Associate Professor of Applied Mathematics | B ZAY |
| 44. Robert M. Haber, Assistant Professor | B 6,500 |
| 45. Norman T. Hamilton, Assistant Professor | B 7,200 |
| (On leave without pay 1959-60) |
| 46. Corinne Hattan, Assistant Professor | B 6,100 |
| 47. Lester L. Helms, Assistant Professor | B 7,000 |
| 48. V. A. Hoersch, Assistant Professor, Emeritus | B |
| 49. Richard P. Jerrard, Assistant Professor | B 8,000 |
| 50. Carl W. Kohls, Assistant Professor | B 7,000 |
| 51. Ralph M. Krause, Assistant Professor | B 6,500 |
| 52. R. G. Langebartel, Assistant Professor | B 8,000 |
| 53. Howard Osborn, Assistant Professor | B 8,000 |
| 54. Echo D. Pepper, Assistant Professor | B 7,200 |
| 55. Donald M. Roberts, Assistant Professor | B 6,500 |
| 56. Lee A. Rubel, Assistant Professor | B 7,200 |
| 57. Jewell E. Schubert, Assistant Professor | B 6,500 |
| 58. Robert A. Wijsman, Assistant Professor | B 8,000 |
| 59. Herbert S. Wilf, Assistant Professor | B 6,500 |
| 60. Wilson M. Zaring, Assistant Professor | B 7,500 |
| 61. Hiram Paley, Assistant Professor | B 6,000 |
| 62. ----, Assistant Professor | B 6,500 |
| 63. ----, Assistant Professor | B 7,000 |
| 64. ----, Assistant Professor | B 6,000 |
| 65. Tyler Allhands, Instructor | D 5,400 |
| 66. Clarence Phillips, Instructor | D 5,800 |
| 67. 27,75 Full Time Equivalent Assistants | E 102,280 |

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| Total, Mathematics |
| (8,200) |

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**Wages**

| $622,180 |

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**Expense**

| 7,400 |

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**Equipment**

| 500 |

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**Total, Illinois Journal of Mathematics Revolving**

| $2,000 |

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**Cooperative Investigations**

**U.S. National Science Foundation** G 6512

| 300 |

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**Microbiology**

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**Cooperative Investigations**

U.S. Office of Naval Research 1834 09

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Physiology

Account Number 00-32-60-100

1. Robert E. Johnson, Professor and Head of Department ZA63 $10 100
   (Total Salary) ................................................. (10 100)
2. C. Ladd Prosser, Professor ........................................ A 13 300
3. Frederick Sargent II, Professor ...................................... A 9 000
4. F. R. Steggerda, Professor ........................................ A 11 000
5. A. B. Taylor, Professor ........................................ A 9 500
6. Garth J. Thomas, Professor ........................................ ZAY50 6 600
   (Total Salary) ..................................................... (13 200)
7. John D. Anderson, Associate Professor ................................ A 8 600
8. Howard S. Ducoff, Associate Professor ......................... AY 9 600
9. W. P. Elhardt, Associate Professor ................................ A 8 000
10. William H. Johnson, Assistant Professor ..................... B 7 400
11. Stanley G. Stolpe, Assistant Professor ......................... B 7 050
12. Duane C. Suffin, Assistant Professor ............................ B 6 700
13. G. C. Wickwire, Assistant Professor ....................... B 5 850
14. Instructor ......................................................... D 6 000
15. 9.25 Full Time Equivalent Assistants .......................... E 33 300
16. 1.50 Full Time Equivalent Research Assistants .............. DY 6 900
Nonacademic Salaries ......................................................... 21 140
   Total, Salaries ....................................................... (180 040)
Wages ................................................................. 4 500
Expense .............................................................. 26 000
Equipment ............................................................ 7 000
   Total, Wages, Expense, and Equipment .................. (37 500)
   Total, Physiology .................................................. $217 540

Political Science

Account Number 00-32-63-100

1. C. F. Snider, Professor ................................................. A1 $13 000
   Chairman of Department .................................................. B1
2. Clarence A. Berdaahl, Professor ................................. G ..... 
   (On leave without pay 1959-60)
3. Royden Dangerfield, Professor .............................. ZAY ..... 
4. Murray J. Edelman, Professor ............................. ZAY55 6 215
   (Total Salary) ...................................................(11 300)
5. C. B. Hagan, Professor ................................................. A 10 550
6. Valentine Jobst III, Professor ........................................ A 10 000
7. Charles M. Kneier, Professor ........................................ A 15 200
8. Edward G. Lewis, Professor ........................................ A 9 800
9. J. M. Mathews, Professor, Emeritus .......................... R ..... 
10. Phillip Monypenny, Professor ................................. A 9 600
11. Jack W. Peltason, Professor ........................................ A 9 000
12. J. Austin Ranney, Professor ............................. ZAY41 4 500
   (Total Salary) ...................................................(11 800)
13. Francis G. Wilson, Professor ........................................ A 13 500
   (On leave with pay second semester 1959-60)
14. Neil F. Garvey, Associate Professor ......................... ZAY25 2 500
   (Total Salary) ...................................................(10 000)
15. George Manner, Associate Professor ............................ A 7 300
16. Robert E. Scott, Associate Professor ........................... A 8 000
17. Associate Professor ................................................. A50 4 400
18. Richard L. Butwell, Assistant Professor .................. B 7 000
   (On leave without pay 1959-60)
19. Thomas Page, Assistant Professor ........................... ZBY20 1 740
   (Total Salary) ..................................................... (8 700)
20. Assistant Professor .................................................. B 6 000
21. Assistant Professor .................................................. B 6 000
22. 2.40 Full Time Equivalent Assistants .................... E 8 600
Nonacademic Salaries ......................................................... 4 200
   Total, Salaries ....................................................... (157 105)
## Psychology

Account Number 06-32-66-100

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<td>Lee J. Cronbach, Professor</td>
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<td>Charles W. Eriksen, Professor</td>
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<td>G. Robert Grice, Professor</td>
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<td>Leo A. Hellmer, Professor</td>
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<td>Jozef B. Cohen, Associate Professor</td>
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<td>Donelson E. Dulany, Jr., Associate Professor</td>
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<td>Raymond W. Frankmann, Assistant Professor</td>
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<td>James F. Kamman, Assistant Professor</td>
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<td>Donald J. Shoemaker, Assistant Professor</td>
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<td>H. Wallace Smaiko, Research Assistant Professor</td>
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43. Harry C. Triandis, Assistant Professor ZBY55 4 840
   (Total Salary) (8 800)
44. Morton Wagman, Assistant Professor ZBY 4
45. Pearl Schroeder, Instructor ZDY 4
46. 1.00 Full Time Equivalent Assistants E 36 890
Nonacademic Salaries 30 675
   Total, Salaries (341 685)
Wages 3 000
Expense 22 400
Equipment 5 000
   Total, Wages, Expense, and Equipment 372 085
Total, Psychology

Cooperative Investigations
U.S. PUBLIC HEALTH SERVICE 2M 5089
Account Number 46-32-66-106
1. David M. Jordan, Consulting Psychologist with rank of
   Associate Professor D28 $ 4 700
2. Pauline B. Armstrong, Assistant Professor ZFY84 6 170
   (Effective July 1, 1959)
   Total, U.S. Public Health Service 2M 5089 $ 10 870

U.S. AIR FORCE 5065
Account Number 46-32-66-309
1. Elmo E. Miller, Research Associate DY $ 7 500

U.S. PUBLIC HEALTH SERVICE M 1041 R2
Account Number 46-32-66-366
1. Gene R. LaForge, Research Assistant Professor DY $ 6 150

U.S. PUBLIC HEALTH SERVICE M 1733
Account Number 46-32-66-371
1. Fred L. Damarin, Jr., Research Associate DY $ 6 500

STATE DEPARTMENT OF PUBLIC WELFARE —
CHILDREN’S INTERESTS
Account Number 47-32-66-312
1. Arthur B. Sweney, Research Associate DY $ 6 800

Russian
Account Number 00-32-66-100
1. Frances F. Sobota, Associate Professor Acting Head of Department A $ 9 500
2. Tatjana Cizevska, Assistant Professor A 9 000
3. Olga Koshansky, Assistant Professor B 6 700
4. Victor Terras, Instructor B 6 000
5. 1.75 Full Time Equivalent Assistants E 5 500
Nonacademic Salaries 1 500
   Total, Salaries (45 000)
Wages 100
Expense 850
Equipment 275
   Total, Wages, Expense, and Equipment (1 225)
Total, Russian $ 46 225

Sociology
Account Number 00-32-69-100
1. Chairman of Department BJ $ 15 000
2. J. W. Albig, Professor A 13 000
3. E. T. Hiller, Professor Emeritus R
4. J. E. Hulett, Jr., Professor A 10 800
   (On leave with pay second semester 1959-60)
5. D. E. Lindstrom, Professor of Rural Sociology ZAY
6. Donald R. Taft, Professor Emeritus R...
Cooperative Investigations

### Account Number 44-32-69-329

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<tr>
<td>Martin L. Dosick</td>
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<td>Roger J. Fisher</td>
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<td>George A. Pownall</td>
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<tr>
<td>David A. Ward</td>
<td>Research Assistant</td>
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**Total, Ford Foundation — Recidivism**

$32,700

### Spanish and Italian

#### Account Number 00-32-72-100

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<td>J. H. D. Allen</td>
<td>Professor of Spanish and Portuguese</td>
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<tr>
<td>Arthur Hamilton</td>
<td>Professor, Emeritus</td>
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<td>Henry R. Kahane</td>
<td>Professor of Spanish</td>
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<tr>
<td>James O. Crosby</td>
<td>Associate Professor of Spanish and Italian</td>
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<td>Fred P. Ellison</td>
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<tr>
<td>Joseph S. Flores</td>
<td>Associate Professor of Spanish</td>
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<td>Luis Leal</td>
<td>Associate Professor of Spanish</td>
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<tr>
<td>Angelina Pietrangeli</td>
<td>Associate Professor of Spanish and Italian</td>
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**Total Salary**

$148,220
George A. Miller Visiting Professorship in Spanish

Account Number 44-32-72-152
1. Maria-Rosa L. Malkiel, Visiting Professor of Spanish E $11,000

Total, George A. Miller Visiting Professorship in Spanish $11,000

Speech

Account Number 00-32-75-100
1. Karl R. Wallace, Professor and Head of Department. A $16,000
2. E. Thayer Curry, Professor. A 10,000
3. Grant Fairbanks, Professor. AY 13,700
4. Barnard W. Hewitt, Professor. A 11,500
5. Marie Hochmuth, Professor. A 9,500
6. Lee S. Hutzen, Professor. A 9,200
7. Richard Murphy, Professor. A 10,500
8. Severina E. Nelson, Professor. A 10,050
9. John J. O'Neill, Professor and Director of Speech and Hearing Clinics. ZAY80 10,500
10. W. M. Parrish, Professor, Emeritus. R
11. John Wesley Swanson, Professor and Executive Secretary of Department. A 10,000
12. Karl W. Broadrick, Associate Professor. A 7,500
13. Martin T. Cobin, Associate Professor. A 7,500
14. Otto A. Dieter, Associate Professor. A 7,450
15. Halbert E. Gulley, Associate Professor. A 8,500
16. James C. Kelly, Associate Professor. A 7,650
17. Henry L. Mueller, Associate Professor. A 7,950
18. Raymond E. Nadeau, Associate Professor. A 7,750
19. Joseph W. Scott, Associate Professor, Supervisor of Dramatic Productions, and Director of University Theatre. AY 10,000
20. Karl A. Windesheim, Associate Professor. A 7,700
21. Clara M. Behringer, Assistant Professor. B 6,800
22. Wayne E. Brockriede, Assistant Professor. B 7,000
23. Kenneth Burns, Assistant Professor. ZB45 2,000
24. Naomi W. Hunter, Assistant Professor. B 6,000
25. Charles L. Hutton, Jr., Assistant Professor. B 6,800
26. Lawrence W. Olson, Assistant Professor. B 7,000
27. Genevieve Richardson, Assistant Professor. B 6,200
28. Marie O. Shere, Assistant Professor. B 6,250
29. Bernhard R. Works, Assistant Professor. B 6,000
30. Assistant Professor. B 7,000
31. Mary H. Arbenz, Instructor. D 6,000
32. Jane B. Archer, Instructor. D 4,500
33. Frances L. Johnson, Instructor. ZD50 2,750
34. Robert K. Simpson, Instructor. D 5,250
35. Webster L. Smalley, Instructor. D 6,000
36. 14.50 Full Time Equivalent Assistants. E 52,880
37. 0.50 Full Time Equivalent Research Assistants. DY 2,200
38. 0.60 Full Time Equivalent Assistants Nonrecurring. E (2,100)

Nonacademic Salaries 26,060

Total, Salaries (351,162)

Wages 1,700
Expense, General .......................................................... 6,783
Expense, Speech Laboratory ............................................... 2,780
Equipment .................................................................. 3,090
Total, Wages, Expense, and Equipment ....................... (14,783)
Total, Speech Revolving ............................................... $365,945

Speech Revolving
Account Number 12-32-75-170
Nonacademic Salaries ......................................................... $3,060
Expense .................................................................... 900
Total, Speech Revolving ................................................... $3,960

Zoology
Account Number 00-32-70-100
1. James B. Kitzmiller, Chairman of Department, Professor ........ A ] $13,000
2. L. A. Adams, Professor, Emeritus ....................................... R .........
3. F. B. Adamstone, Professor ............................................... A 13,000
4. B. Vincent Hall, Professor .................................................. A 9,700
5. C. G. Hartman, Professor, Emeritus .................................... R .........
6. Donald F. Hoffmeister, Professor ......................................... A 9,500
7. Lester Ingle, Professor ........................................................ A 9,500
8. S. Charles Kendeigh, Professor .......................................... A 12,200
9. R. R. Kudo, Professor, Emeritus ....................................... R .........
10. Wilbur M. Luce, Professor .................................................. A 9,200
(On leave with pay second semester 1959-60)
11. David L. Nauney, Professor .............................................. A 12,000
12. S. Meryl Rose, Professor .................................................... A 12,700
13. E. Vincent Shelford, Professor, Emeritus .............................. R .........
14. Hobart M. Smith, Professor ............................................... A 9,800
15. Lyell J. Thomas, Professor ................................................. A 11,000
16. John O. Corliss, Associate Professor .................................. A 8,700
17. Francis J. Kruidenier, Associate Professor .......................... A 8,300
18. Max R. Matteson, Associate Professor ................................ A 7,700
19. Hurst H. Shoemaker, Associate Professor .......................... A 7,300
(On leave without pay two years from September 1, 1958)
20. Robert S. Bader, Assistant Professor ................................... B 7,100
21. Wesley J. Birge, Assistant Professor .................................... B 6,300
22. Ernest E. Provost, Assistant Professor .................................. D (6,100)
(Paid from item 19)
23. Joseph A. Tihen, Assistant Professor ................................... D 6,300
24. Michael J. Greenberg, Instructor ......................................... D 6,300
25. Histological Technician .................................................... E 3,600
26. Research Assistant .......................................................... E 3,600
27. 13.25 Full Time Equivalent Assistants ................................ E 47,800
28. 0.50 Full Time Equivalent Research Assistants ..................... DY 2,100
Total, Salaries ................................................................ (258,687)
Nonacademic Salaries .......................................................... 38,887
Wages ........................................................................ 3,300
Expense .................................................................... 25,500
Equipment .................................................................. 8,000
Total, Wages, Expense, and Equipment ....................... (36,800)
Total, Zoology ................................................................ $294,887

Classical Museum
Account Number 00-32-81-100
1. John L. Heller, Curator ...................................................... ZA .........
Total, Salaries ................................................................ $1,500
Wages ........................................................................ 200
Expense .................................................................... 300
Total, Wages, Expense, and Equipment ....................... (2,000)
Total, Classical Museum ................................................. $2,000
### European Culture Museum

Account Number 00-32-83-100  
1. Florence Fletcher, Curator, Emeritus............................... R  
2. 0.50 Full Time Equivalent Assistants............................... E  
Wages.................................................. (1 800)  
Expense.................................................. 1 500  
Equipment................................................. 450  
**Total, Wages, Expense, and Equipment............................... (2 750)**  
**Total, European Culture Museum................................. $ 3 900**

### Natural History Museum

Account Number 00-32-86-100  
1. Donald F. Hoffmeister, Curator................................. ZAY  
Nonacademic Salaries .............................................. 9 600  
**Total, Salaries.................................. (20 600)**  
Wages.................................................. 1 300  
Expense.................................................. 3 300  
Equipment................................................. 2 100  
**Total, Wages, Expense, and Equipment............................... (6 700)**  
**Total, Natural History Museum................................. $ 27 300**

### COLLEGE OF PHYSICAL EDUCATION

#### General

<table>
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<th>Wages</th>
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#### Restricted

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#### Administration

Account Number 00-36-01-100  
1. S. C. Staley, Dean................................. ZBY  
2. Asbury C. Moore, Jr., Assistant to Dean........ ZDY75  
(Total Salary)........................................... (7,700)  
Nonacademic Salaries ...................................... 6,840  
**Total, Salaries.................................. (30,620)**  
Wages.................................................. 3,150  
Expense.................................................. 9,000  
Contingent.................................................. 2,000  
Convention Travel................................--------- 1,700  
Nonrecurring Unassigned.................................. (1,000)  
Equipment................................................. 300  
**Total, Wages, Expense, and Equipment............ (17,050)**  
**Total, Administration.............................. $ 47,670**
Health and Safety Education

Account Number 00-36-05-100

1. Howard S. Hoyman, Professor of Health Education and Head of Department .................. A $13,700
2. A. E. Florio, Professor of Safety Education .................. A $11,500
3. George T. Stafford, Professor of Health Education.ZA75 $8,625
(Total Salary) ........................................ (11,500)
4. Floyd E. Boys, Associate Professor of Health Education .................. AY $13,300
5. Gertrude B. Couch, Associate Professor of Health Education .................. A $7,875
6. Warren J. Huffman, Assistant Professor of Health Education.ZB25 $2,125
(Total Salary) ........................................ (8,500)
7. Clyde A. Bridger, Lecturer in Health Education .................. E $13,300
8. Isabelle M. Crawford, Lecturer in Health Education .................. E $13,300
9. Howard E. Hough, Jr., Lecturer in Health Education .................. E $13,300
10. E. L. Wittenborn, Jr., Lecturer in Health Education .................. E $13,300
11. Jobe L. Payne, Assistant in Health Education .................. E $6,500
12. 1.50 Full Time Equivalent Assistants .................. E $13,300

Nonacademic Salaries

Total, Salaries ........................................ (72,125)

Wages .................................................. $20,000
Expense, General ...................................... $2,400
Equipment ............................................ $400
Total, Wages, Expense, and Equipment .................. (3,000)
Total, Health and Safety Education ........................................ $75,125

Physical Education for Men

Account Number 00-36-10-100

1. C. O. Jackson, Professor and Head of Department .................. A $12,350
(On leave with pay second semester 1959-60)
2. T. K. Caireton, Jr., Professor .................. A $14,600
3. H. E. Kenney, Professor .................. A $11,200
4. Douglas R. Mills, Professor .................. AY $2,600
(Also paid $18,900 by Athletic Association)
5. S. C. Staley, Professor .................. ZAY $13,300
6. Raymond Elliot, Associate Professor .................. A13 $2,350
(Also paid $17,050 by Athletic Association)
7. Alfred W. Hubbard, Associate Professor .................. A $9,000
8. R. E. Shelton, Associate Professor .................. AY $10,250
9. Burton A. Ingwersen, Associate Professor .................. A25 $2,150
(Also paid $12,250 by Athletic Association)
10. Alan J. Barry, Assistant Professor .................. B $7,000
(Also paid $6,200 by Athletic Association)
11. Howard J. Braun, Assistant Professor .................. B50 $3,400
(Also paid $6,200 by Athletic Association)
12. Melvin C. Brewer, Assistant Professor .................. B25 $1,650
(Also paid $12,350 by Athletic Association)
13. Harry A. Combs, Assistant Professor .................. B20 $1,650
(Also paid $11,350 by Athletic Association)
14. Lee P. Eilbracht, Assistant Professor .................. B25 $1,650
(Also paid $9,050 by Athletic Association)
15. Ralph E. Fletcher, Assistant Professor .................. B50 $3,900
(Also paid $8,700 by Athletic Association)
16. L. T. Johnson, Assistant Professor .................. B13 $900
(Also paid $12,800 by Athletic Association)
17. A. B. Killmer, Assistant Professor .................. B25 $1,900
(Also paid $8,350 by Athletic Association)
18. H. C. Paterson, Assistant Professor .................. B $7,650
19. Buel R. Patterson, Assistant Professor .................. B25 $1,800
(Also paid $6,900 by Athletic Association)
20. Richard H. Pohndorf, Assistant Professor .................. B $7,400
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<td>Steve Sucic</td>
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**Nonacademic Salaries**

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**Physical Education Revolving**

Account Number 12-36-10-170

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**Physical Education for Women**

Account Number 00-36-20-100

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<td>Louise Freer</td>
<td>Professor, Emerita</td>
</tr>
<tr>
<td>3</td>
<td>Margaret Erlanger</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>4</td>
<td>Ann E. Jewlanger</td>
<td>Associate Professor</td>
</tr>
<tr>
<td>(Total Salary)</td>
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<td>(On leave with pay second semester 1959-60)</td>
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<tr>
<td>5</td>
<td>Carita Robertson</td>
<td>Associate Professor</td>
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<td>6</td>
<td>Beulah J. Drom</td>
<td>Assistant Professor</td>
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<td>7</td>
<td>Phyllis J. Hill</td>
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<td>(Total Salary)</td>
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<td>(On leave with one-half pay 1959-60)</td>
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<td>8</td>
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<td>(Total Salary)</td>
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<td>9</td>
<td>Mary Florence Lawson</td>
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<td>10</td>
<td>Emil Schnauber</td>
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<td>(Total Salary)</td>
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11. Olive G. Young, Assistant Professor
12. Martha A. Aly, Instructor
13. Florence P. Cullen, Instructor
14. M. Lorraine Flower, Instructor
15. Marjorie M. Harris, Instructor
16. Annelis S. Jensen, Instructor
17. Mary H. Slaughter, Instructor
18. Marjorie A. Souder, Instructor
19. Willis W. Ward, Jr., Instructor
20. Nancy J. Wilder, Instructor
21. Beverly D. Wilson, Instructor
22. 3.50 Full Time Equivalent Assistants

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<th>Name</th>
<th>Salary</th>
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Nonacademic Salaries

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<td>2. Allen V. Sapora, Professor</td>
<td>A</td>
<td>9,800</td>
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<td>3. Maxwell R. Garret, Assistant Professor</td>
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<td>(Also paid $3,450 by Athletic Association)</td>
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<td>4. Howard E. Weaver, Assistant Professor</td>
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<td>7,750</td>
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<td>5. Mary V. Frye, Instructor</td>
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<td>6. Edward H. Storey, Instructor</td>
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<td>7. 3.50 Full Time Equivalent Assistants</td>
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Nonacademic Salaries

| Total, Salaries              | $6,650          |
|                             | (71,050)        |
| Total, Wages                | 1,950           |
| Total, Expense              | 3,400           |
| Total, Wages, Expense, and Equipment | 5,700  |
| Total, Recreation           | $76,700         |

Recreation Service Revolving

Account Number 12-36-25-470

| Expense                         | $1,000          |
| Total, Recreation Service Revolving | $1,000          |

Student Rehabilitation Center

Account Number 00-36-30-100

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<td>Assistant Professor</td>
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<tr>
<td>Instructor in Physical Education for Men</td>
<td>Charles D. Elmer</td>
<td>DY</td>
</tr>
<tr>
<td>Instructor in Physical Education for Men</td>
<td>Dean Trembly</td>
<td>DY</td>
</tr>
<tr>
<td>Instructor in Physical Education for Men</td>
<td>Edward H. Storey</td>
<td>DY</td>
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<td>2.00 Full Time Equivalent Assistants</td>
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| Total, Salaries              | $11,840          |
|                             | (48,440)         |
| Total, Wages                | 7,000           |
| Total, Expense              | 5,250           |
| Total, Wages, Expense, and Equipment | (12,500) |
| Total, Student Rehabilitation Center | $61,050       |
### Division of University Extension

#### General

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**Extension and Public Services**

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**Total, Extension and Public Services**

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**Total, General**

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**Extension and Public Services**

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**Total, Extension and Public Services**

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<td>(437,740)</td>
<td>(519,600)</td>
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**Auxiliary Enterprise**

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<tbody>
<tr>
<td>Allerton House Operations</td>
<td>47,414</td>
<td>87,050</td>
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**Total, Restricted**

<table>
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<tr>
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<tr>
<td>Total</td>
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**Administration**

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<tbody>
<tr>
<td>1. Dean</td>
<td>ZBY70</td>
<td></td>
<td>$11,550</td>
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<tr>
<td>2. Gerald C. Carter, Supervisor of Counseling and Testing</td>
<td>BY</td>
<td>11,300</td>
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<td>3. Stanley C. Robinson, Associate Dean</td>
<td>ZBY</td>
<td>12,300</td>
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<td>4. Helen Farlow, Extension Specialist in Journalism</td>
<td>DY</td>
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**Correspondence Courses**

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<tr>
<td>1. Neil F. Garvey, Director</td>
<td>ZBY75</td>
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<tr>
<td>Equipment</td>
<td>750</td>
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<td>Total, Wages, Expense, and Equipment</td>
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<td>$31,260</td>
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Cooperative Investigations
State of Illinois — Public Safety and Fire Prevention
Account Number 47-40-15-425
1. R. K. Newton, Supervisor of Fire Prevention in Extension
   (Total Salary) ........................................ ZBY$50 $4,900

2. Samuel E. Crow, Extension Specialist ............................ DY $7,500

3. Joseph I. Petters, Extension Specialist ............................ DY $9,350

Total, State of Illinois — Public Safety and Fire Prevention ........................................ $21,750

Conference Programs
Account Number 00-40-20-400
1. Norman W. Johnson, Supervisor of Short Courses and Conferences, Associate Professor of Adult Education
   (Total Salary) ........................................... ZBY$50 $6,250

2. R. K. Newton, Supervisor of Engineering Extension with rank of Associate Professor
   (Total Salary) ........................................... ZBY$50 $4,900

3. Romayne C. Wicklund, Extension Specialist ........................... DY $6,500

4. Hugh M. Davison, Extension Specialist ............................... ZDY$88 $6,800

Nonacademic Salaries ........................................... $3,120

Wages ............................................................ $1,100

Expense .......................................................... $2,400

Expense, Programs in Education ........................................ $2,000

Equipment ....................................................... $1,000

Total, Wages, Expense, and Equipment ...................................... $6,500

Total, Conference Programs ........................................ $34,070

Short Courses and Conferences Revolving
Account Number 12-40-20-470
Nonacademic Salaries ............................................. $9,360

Wages .............................................................. $7,000

Expense ............................................................ $7,200

Equipment .......................................................... $5,000

Total, Wages, Expense, and Equipment ................................... (142,800)

Total, Short Courses and Conferences Revolving ........................ $131,860

Auxiliary — Allerton House Operation
Account Number 18-40-20-784
1. Norman W. Johnson, Director of Robert Allerton House
   (Total Salary) ............................................. ZBY$50 $6,250

Nonacademic Salaries .............................................. $41,164

Wages .............................................................. $21,000

Expense ............................................................ $60,350

Equipment .......................................................... $5,700

Total, Wages, Expense, and Equipment ................................... (87,050)

Total, Auxiliary — Allerton House Operation ........................ $134,404

Allerton Main House
Account Number 44-40-20-401
Nonacademic Salaries .............................................. $8,960

Expense ............................................................. $40

Total, Allerton Main House ........................................ $9,000
## Police Training Institute

Account Number 00-40-22-400

1. Ervin H. Warren, Director .................................. BY $9,000
2. Hugh M. Davison, Extension Specialist .................. ZDY12 $1,000
   (Total Salary) ........................................... $(7,800)

Nonacademic Salaries ........................................ 
   Total, Salaries .......................................... $(13,600)

Wages ............................................................... 2,500
Expense ............................................................ 10,000
Equipment ......................................................... 200

Total, Wages, Expense, and Equipment ....................... $(12,700)

Total, Police Training Institute ............................. $26,300

## Extramural Classes

Account Number 00-40-30-400

1. Scott B. York, Supervisor of Extramural Classes with rank of Associate Professor ........ BY $10,100
2. Herman Erickson, Professor of Labor and Industrial Relations .................. ZAY50 $5,650
   (Total Salary) ............................................. $(11,300)
3. Homer L. Gammill, Professor of Industrial Psychology .................. ZAY50 $5,500
   (Total Salary) ............................................. $(11,000)
4. Phillips L. Garman, Professor of Labor and Industrial Relations ............ ZAY25 $3,550
   (Total Salary) ............................................. $(14,200)
5. John F. Humes, Professor of Industrial Psychology .................. ZAY50 $5,675
   (Total Salary) ............................................. $(11,350)
6. Daniel W. Snader, Professor of Education .................. ZAY50 $(4,200)
   (Total Salary) ............................................. $(8,400)

   (On leave without pay three years from March 1, 1959)

7. George T. Stafford, Professor of Physical Education .................. ZA25 $2,875
   (Total Salary) ............................................. $(11,500)
8. Earl C. Wolfe, Professor of Labor and Industrial Relations ............ ZAY50 $5,825
   (Total Salary) ............................................. $(11,650)
9. Richard R. Marsh, Associate Professor of Food Technology ........ AY $10,150
10. Warren J. Huffman, Assistant Professor of Health Education ........ ZB25 $2,125
    (Total Salary) ............................................. $(8,500)
11. Milferd Lieberthal, Assistant Professor of Labor and Industrial Relations .... ZBY50 $3,800
    (Total Salary) ............................................. $(7,600)
12. Olive C. DeBrueler, Instructor in Library Science .................. ZD50 $3,225
    (Total Salary) ............................................. $(6,450)
13. Robert L. Johnston, Extension Specialist .................. DY $8,700

Nonacademic Salaries ...........................................
   Total, Salaries ............................................. $(84,245)

Wages ............................................................. 148,770
Wages, Nonacademic Courses .................................. 4,420
Expense .......................................................... 73,215
Equipment ........................................................ 4,700

Total, Wages, Expense, and Equipment ....................... $(231,105)

Total, Extramural Classes Revolving ........................ $315,350

## Extramural Classes Revolving

Account Number 12-40-30-470

Wages ............................................................. $24,000
Expense .......................................................... $16,000

Total, Extramural Classes Revolving ........................ $40,000
Field Staff

Account Number 00-40-40-400
1. Walter V. Brown, Extension Specialist........... DY $8,450
2. Arthur J. Proteau, Extension Specialist........... DY $8,800
3. Fred W. Steuernagel, Extension Specialist........... DY $7,650

Nonacademic Salaries
Total, Salaries (28,200)
Expense.......................................................... 10,000
Equipment........................................................... 500
Total, Wages, Expense, and Equipment (10,500)
Total, Field Staff.................................................. $38,700

Music Extension

Account Number 00-40-50-400
1. John Paul Painter, Director of Music Extension...... ZBY $10,200
2. Thomas S. Richardson, Assistant to Director........ ZBY $8,550
3. Gilbert R. Waller, Professor of Music Education... ZA50 $4,600
(Total Salary).......................................................... (9,200)
4. Martin R. Rice, Extension Specialist............... DY $6,200

Nonacademic Salaries $12,750
Total, Salaries (42,300)
Wages............................................................... 200
Equipment........................................................... 1,000
Expense............................................................... 3,700
Total, Wages, Expense, and Equipment (4,900)
Total, Music Extension............................................... $47,200

Music Extension Revolving

Account Number 12-40-50-470
Expense............................................................... $45,000
Total, Music Extension Revolving........................................ $45,000

Audio-Visual Aids

Account Number 00-40-60-400
1. Thomas H. Boardman, Supervisor of Audio-Visual Aids with rank of Assistant Professor.. BY $9,000

Nonacademic Salaries
Total, Salaries (12,600)
Expense............................................................... 3,900
Equipment........................................................... 4,000
Total, Wages, Expense, and Equipment (7,900)
Total, Audio-Visual Aids................................................. $20,500

Graphic Arts Revolving

Account Number 12-40-60-470
Nonacademic Salaries.......................................................... $63,540
Total, Salaries (63,540)
Wages............................................................... 40,200
Expense............................................................... 140,000
Equipment........................................................... 30,000
Total, Wages, Expense, and Equipment (210,400)
Total, Graphic Arts Revolving.............................................. $273,740

COLLEGE OF VETERINARY MEDICINE

General

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<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<td>$143,675</td>
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<td>Contingent</td>
<td>3,000</td>
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<td>Veterinary Anatomy and Histology</td>
<td>36,740</td>
<td>3,300</td>
<td>40,040</td>
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<tr>
<td>Veterinary Clinical Medicine</td>
<td>97,910</td>
<td>6,510</td>
<td>104,420</td>
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<tr>
<td>Veterinary Pathology and Hygiene</td>
<td>114,305</td>
<td>12,000</td>
<td>126,305</td>
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<td>Veterinary Physiology and Pharmacology</td>
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<td>Total, General</td>
<td>$404,620</td>
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[July 21]
Restricted

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<td>Estimated U.S. Contracts</td>
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Organized Activities Relating to Instruction

| Veterinary Clinic Revolving                | $ 9,720  | 50,000                       | 59,720 |

Organized Research

| Estimated Private Gifts                    | 2,000    | 26,000                       | 28,000 |
| Estimated U.S. Contracts                   | 16,000   |                             | 16,000 |
| Total, Organized Research                  | (18,000) |                             | (18,000) |

| Total, Restricted                          | $22,720  | $73,000                       | $95,720 |

Administration

Account Number 00-44-01-100

1. C. A. Brandly, Professor and Dean        ZBY75  $15,375
   (Total Salary)                           (20,500)
2. Robert Graham, Professor and Dean, Emeritus R  
3. 0.50 Full Time Equivalent Assistant Editor DY  
   Nonacademic Salaries                      106,340  (124,575)
   Wages                                    6,400
   Expense                                  10,400
   Contingency                               3,000
   Convention Travel                        800
   Nonrecurring Unassigned Equipment         (1,000)
   Total, Wages, Expense, and Equipment      (22,100)
   Total, Administration                     $146,675

Cooperative Investigations

U.S. Public Health Service E 2084

Account Number 46-44-01-366

1. Wilhelm F. Schaeffer, Instructor in Veterinary Pathology and Hygiene ZDY17 $975
   (Total Salary)                           (4,350)

Veterinary Anatomy and Histology

Account Number 00-44-01-100

1. L. E. St. Clair, Professor and Head of Department ZAY75 $9,750
   (Total Salary)                           (13,000)
2. Ray D. Hatch, Professor                  ZAY  
3. Richard A. Notzold, Instructor           DY  
4. Elizabeth J. Reeves, Instructor          DY  
5. A. H. Safanie, Instructor                ZDY90  
   (Total Salary)                           (6,350)
6. Ernest V. Stromlund, Instructor           DY  
   Total, Salaries                          (36,740)
   Expense                                 2,300
   Equipment                                1,000
   Total, Wages, Expense, and Equipment     (3,300)
   Total, Veterinary Anatomy and Histology  $40,040

Veterinary Clinical Medicine

Account Number 00-44-20-100

1. Loyd E. Boley, Professor and Head of Department ZAY $15,000
2. Ray D. Hatch, Professor                    ZAY 11,700
3. Harry Hardenbrook, Jr., Professor          ZAY 11,700
4. Alfred G. Schiller, Associate Professor    AY 11,500
5. Bruce Brodie, Assistant Professor          BY 8,200
6. Dragutin Maksic, Assistant Professor        BY 8,300
7. John P. Manning, Assistant Professor       BY 8,200
8. Lloyd C. Helper, Instructor ..................................... ZDY70 (Total Salary) ........... 4 580 (6 500)
9. Merlin L. Kaeberle, Instructor ................................ ZDY70 (Total Salary) ........... 4 830 (6 900)
10. Thomas N. Phillips, Instructor .......................... DY 7 600
11. Erwin Small, Instructor ................................... DY 6 300
Total, Salaries .................................................. (97 910)

Expense .......................................................... 4 010
Equipment ....................................................... 2 500

Total, Wages, Expense, and Equipment .................. (6 510)

Total, Veterinary Clinical Medicine .................. $104 420

Veterinary Clinic Revolving

Account Number 12-44-20-270
Nonacademic Salaries ........................................ $ 9 720
Expense .......................................................... 50 000

Total, Veterinary Clinic Revolving .................. $ 59 720

Veterinary Pathology and Hygiene

Account Number 06-44-30-100
1. J. O. Alberts, Professor and Head of Department .... ZAY65 $ 9 100 (14 000)
2. Paul D. Beamer, Professor ............................... ZAY75 9 220 (12 300)
3. Loyd E. Boley, Professor ................................ ZAY
4. C. A. Brandy, Professor of Veterinary Microbiology and Public Health ZAY
5. Alvin B. Hoerlein, Professor .......................... ZAY65 7 675 (11 700)
6. Norman D. Levine, Professor of Veterinary Parasitology .................. ZAY65 8 250 (12 700)
(On leave with pay six months from February 1, 1960)
7. Deam H. Ferris, Associate Professor ................. ZAY 11 500
8. Manford E. Mansfield, Associate Professor of Veterinary Extension ZAY
9. Adolf M. Watrach, Associate Professor ............... AY 9 150
10. George T. Woods, Associate Professor of Veterinary Extension ZAY40 3 840 (9 600)
11. Lyle E. Hanson, Assistant Professor ................. ZBY13 1 350 (10 800)
12. Jesse R. Pickard, Assistant Professor ............... ZBY40 3 800 (9 500)
13. Harry E. Rhoades, Assistant Professor ............... BY 8 675
14. Thomas E. Fritz, Instructor ............................. DY75 4 500
15. Virginia Ivens, Instructor ............................... DY 5 670
16. D. R. Lingard, Instructor ............................... DY 6 400
17. Raymond E. Olsen, Instructor .......................... DY75 4 350
18. Wilhem F. Schaeffer, Instructor ....................... ZDY68 2 625 (4 350)
19. Richard M. Thomas, Instructor ......................... DY
20. Marion E. Compton, Assistant ......................... DY25 1 400

Total, Salaries ................................................. (114 305)

Expense .......................................................... 9 800
Equipment ....................................................... 2 500

Total, Wages, Expense, and Equipment ................ (12 000)

Total, Veterinary Pathology and Hygiene ........... $126 305
## Veterinary Physiology and Pharmacology

Account Number 00-44-40-100

1. Jesse Sampson, Professor and Head of Department. ZAY70 $8,540
   (Total Salary) .................................... (12,200)
2. Roger P. Link, Professor. ZAY90 $10,980
   (Total Salary) .................................... (12,200)
3. Harry Hardenbrook, Jr., Professor. ZAY $3,400
   (Total Salary) .................................... (11,700)
4. Elwood F. Reber, Professor. ZAY29 $8,540
   (Total Salary) .................................... (12,200)
5. Denzil E. Dees, Instructor. ZDY35 $2,370
   (Total Salary) .................................... (6,800)
6. Julius P. Kreier, Instructor. ZDY $5,800
7. Dean I. Newton, Instructor. ZDY $5,800

**Total, Salaries** .................................... (31,090)

**Expense** ................................................ $2,500

**Equipment** .............................................. $1,000

**Total, Wages, Expense, and Equipment** .................................... (34,590)

**Total, Veterinary Physiology and Pharmacology** .................................... $34,590

## ARMED FORCES

### General

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<td>Air Force Science</td>
<td>$8,310</td>
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<tr>
<td>Military Science and Tactics</td>
<td>$12,960</td>
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<tr>
<td>Naval Science</td>
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<tr>
<td>Military Clothing and Equipment Revolving</td>
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<tr>
<td>Military Uniforms Revolving</td>
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<tr>
<td>Army R.O.T.C. Improvements</td>
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<tr>
<td><strong>Total, Restricted</strong></td>
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### Coordinator

Account Number 00-50-01-100

1. Gordon N. Ray, Coordinator of Armed Forces. ZBY $1,800

**Total, Coordinator** .................................... $1,800

### Air Force Science

Account Number 00-50-10-100

1. Leonard J. Rohrs, Professor and Head of Department ZY
   Nonacademic Salaries .................................. $7,710
   (Total, Salaries) ................................... (8,310)
   **Expense** .......................................... $1,850
   **Equipment** ....................................... $450

**Total, Wages, Expense, and Equipment** .................................... (2,300)

**Total, Air Force Science** ...................................... $10,610

### Air Force Uniform Improvements Revolving

Account Number 12-50-10-189

**Expense** ................................................. $700

**Total, Air Force Uniform Improvements Revolving** .................................... $700
Military Science and Tactics

Account Number 00-50-30-100

1. Stephen P. O’Connell, Professor and Head of Department
   Nonacademic Salaries $12,360
   Total, Salaries $12,360
   Wages $100
   Expense $2,700
   Equipment $600
   Total, Wages, Expense, and Equipment $3,400
   Total, Military Science and Tactics $16,360

Military Clothing and Equipment Revolving

Account Number 12-50-30-112

Expense $1,000
Total, Military Clothing and Equipment Revolving $1,000

Military Uniforms Revolving

Account Number 12-50-30-186

Expense $22,000
Total, Military Uniforms Revolving $22,000

Army R.O.T.C. Improvements Revolving

Account Number 12-50-30-188

Expense $800
Total, Army R.O.T.C. Improvements Revolving $800

Naval Science

Account Number 00-50-40-100

1. Robert C. Knowles, Professor and Head of Department
2. James M. Mason, Executive Officer
Nonacademic Salaries $3,300
Total, Salaries $3,300
Expense $300
Equipment $300
Total, Wages, Expense, and Equipment $3,900
Total, Naval Science $6,050

INSTITUTE OF AVIATION

General

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Restricted

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<th>Salaries</th>
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<td>Airport Revolving</td>
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<td>Airplane Replacements</td>
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Institute of Aviation

Account Number 00-52-10-100

1. Jesse A. Bryan, Director
2. Jesse W. Stonecipher, Chief Flight Instructor
3. Robert L. Ayers, Assistant Chief Flight Instructor
4. Kermit B. Anderson, Instructor
5. Lester B. Applegate, Instructor

<table>
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<th>Wages, Expense, and Equipment</th>
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<tr>
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<tr>
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6. Thomas H. Bailey, Instructor ................................ DY 7 050
7. Omer Benn, Instructor ......................................... DY 8 800
8. Donald R. Chalus, Instructor ................................ DY 8 200
9. Thomas H. Gordon, Instructor ................................ DY 8 000
10. Eugene L. Haak, Instructor .................................. DY 10 050
11. Herman W. Linder, Instructor ............................... DY 6 300
12. Robert D. McFerren, Instructor ............................. DY 7 600
13. John Richard Mylin, Instructor ............................. DY 8 250
14. Thomas R. Titus, Instructor ................................. DY 7 000
15. William D. Trulock, Instructor ............................. DY 8 100
16. George J. Wilson, Instructor ................................. DY 7 900
17. Walter E. Ditzler, Supervisor of Aircraft Maintenance Curriculum ............................................ DY 11 700
18. Nelwin C. Grimm, Supervising Engineer .................. DY 11 550
19. 0.50 Full Time Equivalent Assistants ..................... DY 3 600
Nonacademic Salaries .................................................. (309 780)
Total, Salaries ......................................................... (309 780)
Wages ................................................................. 54 200
Expense ............................................................. 14 150
Convention Travel .................................................. 50
Equipment ............................................................. 10 000
Total, Wages, Expense, and Equipment ...................... (254 300)
Total, Institute of Aviation ...................................... $388 180

Airport Revolving

Account Number 12-52-10-270

1. Louis M. McNair, Instructor .................................. DY $ 6 000
2. _________, Assistant ............................................ E 4 300
3. _________, Assistant ............................................ E 4 300
4. _________, Assistant ............................................ E 4 300
5. _________, Assistant ............................................ E 4 300
Nonacademic Salaries .................................................. 21 040
Total, Salaries ......................................................... (41 040)
Wages ................................................................. 20 000
Expense ............................................................. 215 000
Total, Wages, Expense, and Equipment ...................... (235 000)
Total, Airport Revolving ........................................... $281 240

Airplane Replacements Revolving

Account Number 12-52-10-272

Equipment ............................................................. $ 60 000
Total, Airplane Replacements Revolving ...................... $ 60 000

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300

1. Gilbert Y. Steiner, Director .................................. BY $ 14 500
   Research Professor ........................................... AY $ 14 500
2. Samuel K. Gove, Research Associate Professor .......... AY $ 10 000
3. Daniel J. Elazar, Research Assistant Professor .......... BY $ 7 500
4. Bruce B. Mason, Research Assistant Professor .......... BY $ 8 600
5. Thomas Page, Research Assistant Professor ............. ZBY80 $ 6 600
   (Total Salary) ................................................... (21 700)
6. 1.47 Full Time Equivalent Research Assistants ........ E $ 5 450
Nonacademic Salaries .................................................. 9 150
Total, Salaries ......................................................... (62 160)
Wages ................................................................. 500
Expense ............................................................. 8 000
Convention Travel .................................................. 250
Equipment ............................................................. 100
Total, Wages, Expense, and Equipment ...................... (6 750)
Total, Institute of Government and Public Affairs ........... $ 71 910
Public Affairs Revolving

Account Number 12-56-10-370
Wages................................................. $ 1,000
Expense............................................... 4,000
Total, Public Affairs Revolving...................... $ 5,000

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

General

<table>
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<tr>
<th>Organized Research</th>
<th>Salaries</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total</th>
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<td>$22,700</td>
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<td>$260,460</td>
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Total, General........................................ $237,760

Restricted

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<th>Organized Research</th>
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<th>Equipment</th>
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<td>Research Publications Revolving</td>
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<td>$24,600</td>
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Total, Restricted...................................... $8,500

Institute of Labor and Industrial Relations

Account Number 00-60-10-300

1. Martin Wagner, Director.............................. BYJ $16,500
2. W. Elliston Chalmers, Professor of Economics...... ZAY 14,100
3. Milton Derber, Professor............................. AY 14,200
4. Murray J. Edelman, Professor of Political Science... ZAY 45 5,085
   (Total Salary)....................................... (11,300)
   (Includes full time in summer)
5. Herman Erickson, Professor........................... ZAY 50 5,650
   (Total Salary)....................................... (11,300)
6. Homer L. Gammill, Professor of Industrial Psychology ZAY 50 5,500
   (Total Salary)....................................... (11,000)
7. Phillips L. Garman, Professor........................ ZAY 75 10,675
   (Total Salary)....................................... (14,200)
8. John F. Humes, Professor of Industrial Psychology... ZAY 50 5,675
   (Total Salary)....................................... (11,350)
9. W. H. McPherson, Professor of Economics............ ZAY 13,650
10. Earl C. Wolfe, Professor............................ ZAY 50 5,825
    (Total Salary)..................................... (11,650)
11. .................., Professor of Psychology........ ZAY 50 3,750
    (Total Salary)..................................... (7,500)
12. Margaret K. Chandler, Associate Professor of Sociology ZAY 50 3,750
    (Total Salary)..................................... (7,500)
    (On leave without pay)
13. Bernard Karsh, Associate Professor of Sociology.... ZAY 75 7,070
    (Total Salary)..................................... (9,400)
14. Solomon B. Levine, Associate Professor................ AY 10,100
15. Hjalmar Rosen, Associate Professor of Psychology... ZAY 45 4,650
    (Total Salary)..................................... (10,350)
    (Includes full time in summer)
16. Andrew J. Wann, Associate Professor................. AY 9,350
    (On leave with pay first semester 1959-60)
17. Richard C. Wilcock, Associate Professor............. AY 10,100
18. Barbara D. Dennis, Editor with rank of Assistant Professor... BY 7,550
19. Gilbert E. Donahue, Librarian with rank of Assistant Professor... ZBY 50 3,725
    (Total Salary).................................... (4,450)
20. Walter H. Franke, Assistant Professor................ BY 7,700
### UNIVERSITY OF ILLINOIS

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
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<td>21</td>
<td>Milferd Lieberthal</td>
<td>Assistant Professor</td>
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<td>22</td>
<td>Stanley Stark</td>
<td>Assistant Professor of Psychology</td>
<td>$5,910</td>
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<tr>
<td>23</td>
<td>Harry C. Triandis</td>
<td>Assistant Professor of Psychology</td>
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<td>24</td>
<td>4.00 Full Time Equivalent Research Assistants</td>
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<td>25</td>
<td>0.50 Full Time Equivalent Library Assistants</td>
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<td>26</td>
<td>2.00 Summer Research Assistants</td>
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### Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Convention Travel</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
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**Research Publications Revolving**

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**Revolving General**

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### SCHOOL OF SOCIAL WORK

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<tr>
<th>Account Number 00-68-10-100</th>
<th>Professor</th>
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<tbody>
<tr>
<td>1. Marietta Stevenson</td>
<td>BY</td>
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<tr>
<td>2. W. Paul Simon</td>
<td>BY</td>
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</tr>
<tr>
<td>3. Jennette R. Gruener</td>
<td>A</td>
<td>$9,300</td>
</tr>
<tr>
<td>4. Florence L. Poole</td>
<td>A</td>
<td>$10,400</td>
</tr>
<tr>
<td>5. Donald E. Lathrope</td>
<td>A</td>
<td>$9,800</td>
</tr>
<tr>
<td>6. James E. McDonald</td>
<td>A</td>
<td>$8,750</td>
</tr>
<tr>
<td>7. Carol H. Preucel</td>
<td>AY</td>
<td>$19,740</td>
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**Nonacademic Salaries**

<table>
<thead>
<tr>
<th>Total Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Convention Travel</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
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<tr>
<td>$19,740</td>
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**Cooperative Investigations**

**U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE G 45**

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<tr>
<th>Account Number 46-68-10-118</th>
<th>Professor</th>
<th>Total Salaries</th>
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<tbody>
<tr>
<td>1. Margaret G. Holden</td>
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**U.S. PUBLIC HEALTH SERVICE 2M 6344**

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<th>Account Number 46-68-10-166</th>
<th>Professor</th>
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<tbody>
<tr>
<td>1. Francis P. Purcell</td>
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<td>$8,550</td>
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DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Account Number 00-70-10-100

1. Frank A. Bridgewater, Director .......................... DY $11,000
2. 0.50 Full Time Equivalent Counselors .................. DY 2,300
Nonacademic Salaries .............................................. 2,700
Total, Salaries .................................................. (16,000)
Wages ................................................................. 1,000
Expense ...................................................................... 1,100
Equipment .............................................................. 400
Total, Wages, Expense, and Equipment .................. (2,500)
Total, Division of Special Services for War Veterans. $18,500

SUMMER SESSION

Administration

Account Number 00-72-01-100

1. Dean ................................................................. ZBY $4,950
2. Summer Instruction ............................................ (16,500)
Nonacademic Salaries ............................................... 5,040
Total, Salaries ..................................................... (757,999)
Wages, Forestry ..................................................... 720
Wages, Recreation .................................................. 1,350
Wages, Education .................................................. 800
Expense, Administration .......................................... 4,680
Expense, Civil Engineering Camp ......................... 7,250
Expense, Education ................................................ 1,600
Expense, Forestry .................................................. 1,800
Expense, Geography ............................................... 300
Expense, Music ........................................................ 900
Expense, Recreation ............................................... 850
Expense, Summer Theatre ....................................... 1,200
Expense, Debaters’ Workshop ................................. 450
Equipment .............................................................. 300
Total, Wages, Expense, and Equipment .................. (30,300)
Total, Summer Session—Administration .................. $788,200

UNIVERSITY PRESS

Account Number 00-78-10-400

1. Miodrag Muntyan, Director ................................. BY $14,200
With rank of Associate Professor .......................... AY
2. H. E. Cunningham, Director and Professor, Emeritus .. ZR
3. Donald D. Jackson, Editor with rank of Professor .......................... AY 12,000
4. Helen S. Sutherland, Editor with rank of Assistant Professor .......... BY 8,700
5. Rachel E. Anderson, Assistant Editor .................. DY 6,250
6. Mary Ruth Kelley, Production Editor .................. DY 7,800
7. Henry Ponleithner, Jr., Sales Manager .................. DY 9,700
8. Herbert L. Sterrett, Art Editor .......................... DY 8,800
Nonacademic Salaries .............................................. 28,503
Total, Salaries ..................................................... (95,953)
Wages ................................................................. 200
Expense ............................................................... 5,400
Convention Travel .................................................. 250
Equipment .............................................................. 500
Total, Wages, Expense, and Equipment .................. (6,350)
Total, University Press ............................................ $102,303

Print Shop

Account Number 09-78-10-968

1. C. E. Herman, Superintendent .......................... DY $13,100
Total, Print Shop .................................................. $13,100
University Press Revolving

Account Number 12-78-10-470

Nonacademic Salaries .......................................................... $12,600
Expense .......................................................................... 8,000

Total, University Press Revolving ........................................ $20,600

INTERNATIONAL COOPERATION PROGRAMS

U.S. — India North Central Region

Account Number 46-79-10-444

1. Ralph C. Hay, Coordinator of International Cooperation Programs ............................................... ZAY $12,300
2. R. W. Jugenheimer, Assistant Coordinator (Total Salary) ........................................................ ZDY25 (12,500)
3. Leslie E. Card, Professor of Animal Science and Group Leader of Agricultural Research and Development ... ZFY (Two years from November 1, 1957) $18,400
4. Everett A. Keyes, Professor of Animal Science (Two years from January 1, 1958) FY $10,350
5. Warren R. Schoonover, Professor of Soils BY $16,000

Total, U.S. — India North Central Region ............................................. $60,175

LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE

General

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<tbody>
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<td>Library School</td>
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</table>

Libraries

1. University Library Administration ................................................. $89,160
2. Midwest Inter-Library Corporation ............................................. 10,038
3. Acquisition Department .................................................................. 142,660
4. Catalog Department ......................................................................... 189,075
5. Serials Department ............................................................................ 162,310
6. Circulation Department ...................................................................... 89,150
7. Departmental Libraries ...................................................................... 388,750
8. Reference Department ........................................................................ 18,400

Total, Libraries .................................................................................. $1,114,595

Total, General ..................................................................................... $1,223,950

Restricted

<table>
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<tr>
<th>Instruction</th>
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<th>Total</th>
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| Library Trends Revolving ......................................................... $84,500
| Microfilm Revolving ................................................................. 2,760

Total, Restricted ................................................................................. $97,260

Graduate School of Library Science

Account Number 00-80-05-100

1. R. B. Downs, Director, Emeritus ................................................... ZBY
2. P. L. Windsor, Director and Professor, Emeritus, ZRA
3. Adloe H. Lancaur, Associate Director, Emeritus, AY $13,800
4. Anne M. Boyd, Professor, Emeritus ................................................ A
5. Thelma Eaton, Professor ................................................................... A
6. Frances B. Jenkins, Professor .......................................................... A
7. Rose B. Phelps, Professor, Emeritus ................................................ A
8. Clarence W. Stone, Professor ........................................................... A
9. Donald E. Strout, Professor ............................................................. A
10. Ethel Bond, Associate Professor, Emerita............ R
11. Harold Goldstein, Visiting Associate Professor........ D (Paid from item 8)
12. Marie M. Hostetter, Associate Professor........... A
13. William Vernon Jackson, Associate Professor....... A
14. Alice Lohrer, Associate Professor ................. A
15. Olive C. DeBruler, Instructor ....................... ZD50
16. Assistant ........................................ DYZ
17. 2.00 Full Time Equivalent Assistants ............. E
18. 0.50 Full Time Equivalent Research Assistants .. E

Nonacademic Salaries

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<tr>
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<td>Ethel Bond, Associate Professor, Emerita R</td>
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<tr>
<td>11.</td>
<td>Harold Goldstein, Visiting Associate Professor D</td>
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<td>12.</td>
<td>Marie M. Hostetter, Associate Professor A</td>
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<td>13.</td>
<td>William Vernon Jackson, Associate Professor A</td>
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<td>Alice Lohrer, Associate Professor A</td>
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<td>15.</td>
<td>Olive C. DeBruler, Instructor ZD50</td>
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<td>16.</td>
<td>Assistant DYZ</td>
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<td>17.</td>
<td>2.00 Full Time Equivalent Assistants E</td>
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Total, Salaries: $109,445

Library Trends Revolving

Account Number 12-80-05-146

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Total, Library Trends Revolving: $12,500

Library

Administration

Account Number 00-80-10-500

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<td>1.</td>
<td>R. B. Downs, Dean and Professor ZBY</td>
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<tr>
<td>2.</td>
<td>P. L. Windsor, Director and Professor, Emeritus ZRA</td>
</tr>
<tr>
<td>3.</td>
<td>Arnold H. Trotter, Associate Director of Technical Departments BY</td>
</tr>
<tr>
<td>4.</td>
<td>Lucien W. White, Associate Director of Public Service Departments BY</td>
</tr>
<tr>
<td>5.</td>
<td>Mary Lois Bull, Personnel Librarian with rank of Associate Professor AY</td>
</tr>
<tr>
<td>6.</td>
<td>Robert F. Delzell, Library Administrative Assistant with rank of Associate Professor AY</td>
</tr>
<tr>
<td>7.</td>
<td>Josie B. Houchens, Assistant Librarian and Associate Professor, Emerita R</td>
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</tbody>
</table>

Nonacademic Salaries

Total, Salaries: $89,160

Wages: $125,100
Expense: $41,000
Midwest Interlibrary Corporation: $10,638
Convention Travel: $2,200
Nonrecurring Unassigned: $(3,000)
Equipment: $10,000
Library Additions: $455,000
Additions, Nonrecurring: $(10,000)

Total, Wages, Expense, and Equipment: $(643,338)

Total, Administration: $732,498

Microfilm Revolving

Account Number 12-80-10-552

Nonacademic Salaries: $2,760
Expense: $3,500

Total, Microfilm Revolving: $6,260
Acquisition Department
Account Number 00-80-20-500
1. Helen M. Welch, Acquisition Librarian and Associate Professor ........................................ AY $ 9 600
2. Alma DeJordy, Consultant in Bibliography with rank of Associate Professor .................................. AY $ 9 150
3. Willia K. Garver, Assistant Librarian and Associate Professor, Emerita ..................................... R $ 7 500
4. Alice J. Appell, Assistant Acquisition Librarian with rank of Assistant Professor .......................... BY $ 7 500
5. Esther M. Clausen, Documents Librarian with rank of Assistant Professor .................................... BY $ 7 350
6. Kathleen M. Ruckman, Gift and Exchange Librarian with rank of Assistant Professor ..................... BY $ 7 350
7. Thomas E. Parks, Bibliographer with rank of Instructor ................................................................. DY $ 5 800
8. Marilyn Satterlee, Bibliographer with rank of Instructor ................................................................. DY $ 5 800
9. Patricia J. Sullivan, Bibliographer with rank of Instructor ............................................................... DY $ 5 800
10. Roy N. Van Note, Bibliographer with rank of Instructor ............................................................... DY $ 5 600
11. James B. Watts, Bibliographer with rank of Instructor ................................................................. DY $ 5 800
12. Allan M. Wilson, Bibliographer with rank of Instructor ................................................................. DY $ 5 800
13. Donald J. Raven, Acquisition Assistant .......................................................... R $ 5 000
14. Ruth E. Willis, Acquisition Assistant .......................................................... R $ 5 100
15. ———, Acquisition Assistant .......................................................... R $ 4 500
16. 0.50 Full Time Equivalent Assistants .......................................................... R $ 2 500
Nonacademic Salaries .................................................................................................................. 50 010
Total, Acquisition Department .......................................................... $142 660

Catalog Department
Account Number 00-80-30-500
1. Marian Harman, Catalog Librarian and Associate Professor ............................................................. AY $ 9 700
2. Louise F. Lodge, Assistant Catalog Librarian with rank of Assistant Professor .................................... BY $ 7 700
3. Betty M. E. Croft, Catalog Reviser with rank of Assistant Professor .................................................. BY $ 7 500
4. C. U. Faye, Bibliographic Consultant with rank of Assistant Professor, Emeritus ............................. R $ 3 675
5. Edith C. Jones, Cataloger with rank of Assistant Professor .............................................................. ZBY50 $ 3 675
(Total Salary) .......................................................................................................................................... 7 350
6. Clarissa O. Lewis, Cataloger with rank of Assistant Professor ............................................................. BY $ 7 350
7. Cleo Lichtenberger, Catalog Reviser with rank of Assistant Professor, Emerita ................................. R $ 7 350
8. Edith M. Marshall, Catalog Reviser with rank of Assistant Professor .................................................. R $ 7 350
9. Ann M. Potter, Catalog Reviser with rank of Assistant Professor .......................................................... R $ 7 600
10. Katherine M. Wheeler, Catalog Reviser with rank of Assistant Professor, Emerita ............................. R $ 6 200
11. Dorothy B. Clark, Cataloger with rank of Instructor ............................................................................ DY $ 5 800
12. Edythe J. Kirk, Cataloger with rank of Instructor .................................................................................. DY $ 5 600
13. Lella S. McLaughlin, Cataloger with rank of Instructor, Emerita .......................................................... R $ 5 000
14. Herbert Lyman Searcy, Cataloger with rank of Instructor ....................................................................... R $ 5 600
15. Florence M. Sheehan, Cataloger with rank of Instructor ....................................................................... R $ 5 500
16. ———, Cataloger with rank of Instructor ............................................................................................... R $ 6 200
17. Barbara J. Bucknell, Catalog Assistant .................................................................................................... DY $ 5 000
18. Howard L. Dunlap, Catalog Assistant ..................................................................................................... DY $ 5 000
19. Jean S. Sauer, Catalog Assistant ........................................................................................................... DY $ 5 100
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<th>Position</th>
<th>Account</th>
<th>Rank</th>
<th>Salary</th>
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**Circulation Department**

Account Number 00-80-40-500

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<td>3</td>
<td>Helen T. Stewart, Assistant Circulation Librarian with rank of Assistant Professor, Emerita</td>
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<td>Emma R. Jutton, Circulation Librarian and Associate Emerita</td>
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<td>Robert W. Kidder, Circulation Assistant with rank of Instructor</td>
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**Departmental Libraries**

Account Number 00-80-50-500

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<td>D. A. Brown, Agriculture Librarian and Associate Professor</td>
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<td>Bernita J. Davies, Law Librarian and Associate Professor</td>
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<td>Cerilla E. Saylor, Architecture Librarian and Associate Professor</td>
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<td>6</td>
<td>Joseph Allen, Music Librarian and Assistant Professor</td>
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<td>Hilda J. Alseth, English Librarian and Assistant Professor, Emerita</td>
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<td>Eva Faye Benton, English Language and Literature Librarian with rank of Assistant Professor</td>
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<td>Mary Jane MacDonald</td>
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<td>Robert C. White</td>
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<td>Jo Ann Wiles</td>
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<td>Avis A. Ball</td>
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<td>Sally A. Cassidy</td>
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<td>Barbara E. Davis</td>
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<td>Dorothy A. Foulk</td>
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<td>Hallet Gildersleeve</td>
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<td>Pearce S. Grove</td>
<td>Education, Philosophy, and Psychology Library Assistant and Instructor</td>
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<td>Edward G. Holley</td>
<td>Education, Philosophy, and Psychology Library Assistant and Instructor</td>
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<td>Audrey Iversen</td>
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<td>Marjorie E. Miller</td>
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<td>Mary A. Vance</td>
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<td>Richard D. Walker</td>
<td>Physics Librarian and Instructor</td>
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<td>E. S. Warrick</td>
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Total, Department Libraries

$388 750

Reference Department

Account Number 00-80-60-500

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<td>T. E. Ratcliffe, Jr., Reference Librarian and Associate Professor</td>
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<td>Dorothy M. Black, Associate Reference Librarian with rank of Assistant Professor</td>
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<td>3.</td>
<td>Fanny Dunlap, Reference Librarian and Assistant Professor, Emerita</td>
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<td>4.</td>
<td>Alice S. Johnson, Reference Librarian and Assistant Professor, Emerita</td>
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<td>5.</td>
<td>Doris Jean Probst, Assistant Reference Librarian with rank of Instructor</td>
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<td>Sabron L. Reynolds, Assistant Reference Librarian with rank of Instructor</td>
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<td>Francis Rodgers, Assistant Reference Librarian with rank of Instructor</td>
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<td>Joyce C. Werner, Assistant Reference Librarian with rank of Instructor</td>
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Total, Reference Department

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Serials Department

Account Number 00-80-35-500

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<td>Rebecca Briggs, Assistant Serials Librarian with rank of Assistant Professor</td>
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<td>3.</td>
<td>Esther W. Anell, Bibliographer and Serials Consultant with rank of Assistant Professor</td>
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<td>4.</td>
<td>Warren Albert, Binding Librarian with rank of Instructor</td>
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<td>5.</td>
<td>Charlotte S. Ayers, Serials Cataloger with rank of Instructor</td>
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<td>6.</td>
<td>Ruth A. Bedford, Serials Reviser with rank of Instructor</td>
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<td>Norman B. Brown, Serials Reviser with rank of Instructor</td>
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<td>8.</td>
<td>Sally T. Burg, Serials Cataloger with rank of Instructor</td>
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<td>Lily C. Gara, Bibliographer with rank of Instructor</td>
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<td>Betty J. Halstead, Serials Cataloger with rank of Instructor</td>
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<td>11.</td>
<td>F. E. Mansfield, Jr., Serials Cataloger with rank of Instructor</td>
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<td>12.</td>
<td>Irene L. Philippe, Bibliographer with rank of Instructor</td>
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<td>13.</td>
<td>Ruth Simmelink, Bibliographer with rank of Instructor</td>
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<td>14.</td>
<td>May Smith, Serials Cataloger with rank of Instructor, Emerita</td>
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<td>15.</td>
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<td>16.</td>
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<td>Virginia Rubinstein, Serials Assistant</td>
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Total, Serials Department

$162 310

[July 21]
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<td>Trust, Allen Hall</td>
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<td>Trust, Lincoln Avenue Residence</td>
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<td>Three and Four</td>
<td>169,817</td>
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<td>Trust, First and Gregory Halls</td>
<td>23,700</td>
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<td>1,500</td>
<td>8,841</td>
<td>10,341</td>
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<tr>
<td>Bowling Alleys</td>
<td>4,500</td>
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<td>Bookstore</td>
<td>10,500</td>
<td>500,441</td>
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<td>(415,385)</td>
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<td>(6,513,327)</td>
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<td><strong>Total, Restricted</strong></td>
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<td>$6,102,942</td>
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Administration

Account Number 00-82-01-600
1. C. S. Havens, Director .......................................................... BY $ 20,000
2. John Doak, Superintendent of Buildings and Grounds .............. BY 15,500
3. Ernest L. Stouffer, Architect ................................................. BY 15,000
4. James V. Edsall, Planning Coordinator with rank of Assistant Professor .................................................. BY 10,000
5. Donald C. Neville, Research Specialist with rank of Assistant Professor .................................................. BY 7,500
Nonacademic Salaries ................................................................... 100,670
Total, Salaries ............................................................................. 168,690
Wages ......................................................................................... 20,100
Expense ...................................................................................... 18,800
Convention Travel ....................................................................... 250
Renewals and Replacements ......................................................... 2,000
Total, Wages, Expense, and Equipment ....................................... (41,150)
Total, Administration .................................................................. $209,840

Building Operation

Account Number 00-82-05-600
Nonacademic Salaries ................................................................... $ 21,610
Total, Salaries ............................................................................. (21,610)
Wages ......................................................................................... 1,038,650
Expense ...................................................................................... 92,300
Total, Wages, Expense, and Equipment ....................................... (1,130,950)
Total, Building Operation ............................................................. $1,152,560

Indirect Costs — 906 Sixth Street
Account Number 40-82-05-640
Expense ...................................................................................... $ 8,650
Total, Indirect Costs — 906 Sixth Street ........................................ $ 8,650

Fire Prevention and Safety

Account Number 00-82-10-600
Nonacademic Salaries ................................................................... $ 8,000
Total, Salaries ............................................................................. (8,000)
Wages ......................................................................................... 174,600
Expense ...................................................................................... 13,950
Renewals and Replacements ......................................................... 1,450
Total, Wages, Expense, and Equipment ....................................... (190,000)
Total, Fire Prevention and Safety ................................................ $108,000

Police and Watchmen

Account Number 00-82-15-600
Nonacademic Salaries ................................................................... $ 4,905
Total, Salaries ............................................................................. (4,905)
Wages ......................................................................................... 166,850
Expense ...................................................................................... 18,400
Renewals and Replacements ......................................................... 2,250
Total, Wages, Expense, and Equipment ....................................... (187,500)
Total, Police and Watchmen ........................................................ $102,405

Building Maintenance

Account Number 00-82-20-600
Nonacademic Salaries ................................................................... $ 41,460
Total, Salaries ............................................................................. (41,460)
Wages ......................................................................................... 533,500
Expense ...................................................................................... 120,000
Renewals and Replacements ......................................................... 178,934
Total, Wages, Expense, and Equipment ....................................... (832,434)
Total, Building Maintenance ........................................................ $873,894
### General Maintenance

<table>
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<tr>
<th>Account Number 00-82-25-600</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Renewals and Replacements</th>
<th>Total, Wages, Expense, and Equipment</th>
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<td>$17,310</td>
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### Grounds

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<tr>
<th>Account Number 00-82-30-600</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Renewals and Replacements</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Grounds</th>
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<tr>
<td></td>
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<td>$12,450</td>
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### Transportation

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<th>Account Number 00-82-35-600</th>
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<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Renewals and Replacements</th>
<th>Chicago Vehicles Nonrecurring</th>
<th>Total, Wages, Expense, and Equipment</th>
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<td>$3,850</td>
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### Heat, Light, and Power

<table>
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<tr>
<th>Account Number 00-82-40-600</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Renewals and Replacements</th>
<th>Total, Heat, Light, and Power</th>
<th>Total, Heat, Light, and Power</th>
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<tr>
<td></td>
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<td>$43,740</td>
<td>481</td>
<td>389</td>
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### Water Station

<table>
<thead>
<tr>
<th>Account Number 00-82-45-600</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Sanitary District Nonrecurring</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Water Station</th>
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<tbody>
<tr>
<td></td>
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<td>$7,240</td>
<td>30</td>
<td>60</td>
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<td>(91,500)</td>
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### Illini Union Building

<table>
<thead>
<tr>
<th>Account Number 00-82-60-600</th>
<th>Rental for University Functions</th>
<th>Rental for Space Occupied by University Offices</th>
<th>Fee Exemptions</th>
<th>University Club Operation</th>
<th>Total, Illini Union Building</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$5,000</td>
<td>10,120</td>
<td>15,000</td>
<td>10,000</td>
<td>$40,120</td>
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</table>

### President's House

<table>
<thead>
<tr>
<th>Account Number 00-82-62-600</th>
<th>Expense</th>
<th>Renewals and Replacements</th>
<th>Total, President's House</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$7,580</td>
<td>3,500</td>
<td>$11,080</td>
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Prevailing Wage Rate Unassigned

Account Number 00-82-63-600
Wages ................................................... $295,000

Total, Prevailing Wage Rate Unassigned ........... $295,000

Reservations and Information

Account Number 00-82-66-600
Nonacademic Salaries ...................................... $10,305

Total, Salaries .................................. (10,305)
Wages .................................................. 1,315
Expense .................................................. 600

Total, Wages, Expense, and Equipment ........... (2,005)
Total, Reservations and Information .......... $12,310

Telephone — Chicago Lines

Account Number 00-82-69-600
Expense .................................................. $6,000

Total, Telephone — Chicago Lines ................ $6,000

Architectural Studies for Future Buildings

Account Number 06-82-70-905
1. John E. Baerwald, Associate Professor of Traffic Engineering ................................ ZA20 $1,800
   (Total Salary) ...................................... (9,000)
2. George W. Greenwood, Research Associate in Civil Engineering ................................ ZD50 3,000
   (Total Salary) ...................................... (6,000)

Total, Architectural Studies for Future Buildings .... $4,800

Auxiliary Enterprises

Residence Halls Administration

Account Number 18-82-80-700
1. V. L. Kretschmer, Director of Illini Union and of Housing Division ................................ ZDY50 $7,750
   (Perquisites University — one meal) 
   (Total Salary) ...................................... (15,500)
2. Paul J. Doebel, Jr., Associate Director of Housing ................................... DY (11,000)
   (Perquisites University — one meal) 
3. Calvin S. Sifferd, Supervisor of Counseling and Operations in Men's Residence Halls ................................ ZDY50 (4,150)
   (Perquisites University — one meal) 
   (Total Salary) ...................................... (8,300)
Nonacademic Salaries ................................ ....... (214,990)
Total, Salaries ....................................... (236,990)
Wages .................................................... (173,344)
Expense ............................................... (125,520)
Equipment ............................................. (4,165)

Total, Wages, Expense, and Equipment ............ (243,438)
Total, Residence Halls Administration .............. $480,428

Alpha House Operation

Account Number 18-82-80-730
1. Mae Real, House Director .......................... ZG63 $1,250
   (Perquisites University — room and board) 
   (Total Salary) ...................................... (1,900)
   (Ten months from September 1, 1959) 
   Total, Salaries ...................................... (1,250)
Expense ............................................... 6,697

Total, Alpha House Operation ........................ $7,917
Arbor Suites Operation
Account Number 18-82-80-731
1. Leah N. Hartmann, Coordinator...................... G $ 2 700
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
2. Margaret R. Frodin, Resident Assistant............ G 1 900
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
3. Linnea C. Ross, Resident Assistant................ G 1 900
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
4. Rowena K. Schimmel, Resident Assistant........... G 1 800
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
5. ————, Resident Assistant.......................... G 1 800
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
6. 1.00 Full Time Equivalent Assistants................ E 1 920
   Total, Salaries ........................................ (12 020)
   Wages ........................................ 5 172
   Expense ........................................ 104 416
   Total, Wages, Expense, and Equipment ............. (109 612)
   Total, Arbor Suites Operation ....................... $121 632

Beta House Operation
Account Number 18-82-80-734
1. Ruth C. Anderson, House Director................. ZG63 $ 1 250
   (Perquisites University — room and board)
   (Total Salary) ......................................... (1 900)
   Total, Salaries ......................................... (1 250)
   Expense ........................................ 8 441
   Total, Beta House Operation ......................... $ 9 691

Gamma House Operation
Account Number 18-82-80-736
1. Mary E. Garrard, House Director............... ZG63 $ 1 250
   (Perquisites University — room and board)
   (Total Salary) ......................................... (1 900)
   Total, Salaries ......................................... (1 250)
   Expense ........................................ 6 643
   Total, Gamma House Operation ....................... $ 7 893

Parade Grounds Operation
Account Number 18-82-80-740
Wages .................................................. $ 555
Expense .............................................. 7 388
Total, Parade Grounds Operation .................... $ 7 943

Temporary Family Housing
Account Number 18-82-80-748
Nonacademic Salaries ................................ $ 47 660
   Total, Salaries ........................................ (47 660)
   Wages ................................................. 1 106
   Expense .............................................. 211 025
   Total, Wages, Expense, and Equipment .......... (212 131)
   Total, Temporary Family Housing ............... $259 791
Trust — Busey-Evans Halls Operation
Account Number 48-82-80-735
1. Alice W. Cotter, Head Resident, Evans Hall.............. G $ 3 900
   (Perquisites University — room and board)
   (Ten months from September 1, 1959)
2. Catherine N. Wells, Head Resident, Busey Hall........... G 3 800
   (Perquisites University — room and board)
   (Ten months from September 1, 1959)
3. 1.50 Full Time Equivalent Assistants.................. G 6 420
Nonacademic Salaries ........................................
   Total, Salaries ...........................................
   Wages ................................................................
   Expense ........................................................
   Debt Service ...................................................
   Total, Wages, Expense, and Equipment...................
   Total, Trust — Busey-Evans Halls Operation ..........

Trust — Allen Hall Operation
Account Number 48-82-80-736
1. Norma E. Farrar, Head Resident......................... G $ 4 400
   (Perquisites University — room and board)
   (Ten months from September 1, 1959)
2. Jean F. Hill, Head Resident.......................... G 4 400
   (Perquisites University — room and board)
   (Ten months from September 1, 1959)
3. ———, Resident Assistant............................... G 1 890
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
4. ———, Resident Assistant............................... G 1 600
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
5. ———, Resident Assistant............................... G 1 600
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
6. ———, Resident Assistant............................... G 1 600
   (Perquisites University — room and board)
   (Ten months from August 19, 1959)
7. 2.25 Full Time Equivalent Assistants............... G 8 350
Nonacademic Salaries ........................................
   Total, Salaries ...............................................
   Wages ................................................................
   Expense ........................................................
   Debt Service ...................................................
   Total, Wages, Expense, and Equipment..............
   Total, Trust — Allen Hall Operation ................

Trust — Lincoln Avenue Residence Operation
Account Number 48-82-80-737
1. Margaret M. Bevan, Head Resident.................. G $ 4 300
   (Perquisites University — room and board)
   (Ten months from September 1, 1959)
2. Barbara N. Connell, Head Resident............... G 4 400
   (Perquisites University — room and board)
   (Ten months from September 1, 1959)
3. Susan A. Hughes, Assistant Head Resident........ G 3 800
   (Perquisites University — board)
   (Ten months from September 1, 1959)
4. Eleanor E. Grinnell, Assistant Head Resident.... G 3 800
   (Perquisites University — board)
   (Ten months from September 1, 1959)
5. 1.00 Full Time Equivalent Assistants............. G 4 289
Nonacademic Salaries ........................................
   Total, Salaries .............................................
   Total, Trust — Allen Hall Operation ..............
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<th>Department</th>
<th>Account Number</th>
<th>Wages</th>
<th>Expense</th>
<th>Debt Service</th>
<th>Total, Wages, Expense, and Equipment</th>
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</table>
| **Total, Trust — Lincoln Avenue Residence Opera-
  tion**                                      |                | $960,128|         |              |                                      | $503,148     |
| **Trust — Men's Residence Halls Operation**    |                |        |         |              |                                      |              |
| Account Number 48-82-80-740                    |                | $30,702|         |              |                                      |              |
| Wages                                          |                | 64,914 |         |              |                                      |              |
| Expense                                        |                | 74,201 |         |              |                                      |              |
| **Total, Trust — Men's Residence Halls Opera-
  tion**                                      |                | $165,817|         |              |                                      | $165,817     |
| **Trust — Men's Residence Halls Operations Th-
  ree and Four**                               |                |        |         |              |                                      |              |
| Account Number 48-82-80-740                    |                | $23,700|         |              |                                      |              |
| Wages                                          |                | 372,799|         |              |                                      |              |
| Expense                                        |                | 602,424|         |              |                                      |              |
| Debt Service                                   |                | 390,627|         |              |                                      |              |
| Total, Wages, Expense, and Equipment           |                | $1,055,760|      |              |                                      |              |
| **Total, Trust — Men's Residence Halls Opera-
  tion Three and Four**                        |                | $1,055,760|      |              |                                      | $1,055,760   |
| **Trust — First Street and Gregory Drive Resi-
  dence Halls Operation**                      |                |        |         |              |                                      |              |
| Account Number 48-82-80-742                    |                | $29,005|         |              |                                      |              |
| Wages                                          |                | 937    |         |              |                                      |              |
| Expense                                        |                | 32,985 |         |              |                                      |              |
| **Total, First Street and Gregory Drive Resi-
  dence Halls Operation**                      |                | $33,922|         |              |                                      | $33,922      |
| **National Homes Staff Housing**               |                |        |         |              |                                      |              |
| Account Number 18-82-85-754                    |                | $29,005|         |              |                                      |              |
| Wages                                          |                |        |         |              |                                      |              |
| **Total, National Homes Staff Housing**        |                | $29,005|         |              |                                      | $29,005      |
| **Permanent Staff Housing**                    |                |        |         |              |                                      |              |
| Account Number 18-82-85-755                    |                | $937   |         |              |                                      |              |
| Wages                                          |                |        |         |              |                                      |              |
| **Total, Permanent Staff Housing**             |                | $937   |         |              |                                      | $937         |
| **Trust — Goodwin Avenue Apartments Operation**|                |        |         |              |                                      |              |
| Account Number 48-82-85-752                    |                | $8,380 |         |              |                                      |              |
| Wages                                          |                |        |         |              |                                      |              |
| **Total, Goodwin Avenue Apartments Operation** |                | $8,380 |         |              |                                      | $8,380       |
| **Trust — Green Street Apartments Operation**   |                |        |         |              |                                      |              |
| Account Number 48-82-85-753                    |                | $8,213 |         |              |                                      |              |
| Wages                                          |                |        |         |              |                                      |              |
| **Total, Trust — Green Street Apartments Opera-
  tion**                                      |                | $8,213 |         |              |                                      | $8,213       |
Trust — Race Street and Florida Avenue Housing Operation
Account Number 48-82-85-758
Expense .............................................. $ 33,813
Debt Service ........................................ 11,888
Total, Trust — Race Street and Florida Avenue Housing Operation ................................... $ 45,721

Illini Union — General Building
Account Number 18-82-90-710
1. Earl F. Finder, Associate Director of Illini Union... DY $ 10,700
(Perquisites University — one meal)
2. Irene D. Pierson, Social Director of Illini Union... DY 8,730
(Perquisites Employee — one meal) ................... 84
Nonacademic Salaries ................................ 81,275
Total, Salaries ....................................... (100,765)
Wages ................................................. 160,530
Expense ............................................... 197,533
Total, Wages, Expense, and Equipment ............... (358,063)
Total, Illini Union — General Building .......... $458,768

Illini Union — Food Service
Account Number 18-82-90-720
Nonacademic Salaries ................................ $ 79,740
Total, Salaries ....................................... (79,740)
Wages ................................................. 248,079
Expense ............................................... 452,998
Total, Wages, Expense, and Equipment ............... (701,097)
Total, Illini Union — Food Service ................. $781,717

Illini Union — Billiards
Account Number 18-82-90-730
Nonacademic Salaries ................................ $ 1,500
Total, Salaries ....................................... (1,500)
Wages ................................................. 6,495
Expense ............................................... 2,749
Total, Wages, Expense, and Equipment ............... (8,841)
Total, Illini Union — Billiards ..................... $10,341

Illini Union — Bowling Alleys
Account Number 18-82-90-740
Nonacademic Salaries ................................ $ 4,500
Total, Salaries ....................................... (4,500)
Wages ................................................. 8,733
Expense ............................................... 16,853
Total, Wages, Expense, and Equipment ............... (25,086)
Total, Illini Union — Bowling Alleys ............. $30,086

Illini Union — Bookstore
Account Number 18-82-90-770
Nonacademic Salaries ................................ $ 19,500
Total, Salaries ....................................... (19,500)
Wages ................................................. 31,500
Expense ............................................... 558,941
Total, Wages, Expense, and Equipment ............... (590,441)
Total, Illini Union — Bookstore .................. $609,941

STUDENT AID

<table>
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<tr>
<th>Student Aid</th>
<th>Restricted</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<td>$ 40,000</td>
<td>$ 40,000</td>
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<tr>
<td>Estimated Endowment Income</td>
<td></td>
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</table>
### CHICAGO PROFESSIONAL COLLEGES

#### APPROPRIATIONS

<table>
<thead>
<tr>
<th>Category</th>
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<tr>
<td>Estimated Private Gifts</td>
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<td>Estimated U.S. Contracts</td>
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#### CHICAGO PROFESSIONAL COLLEGES

### APPROPRIATIONS

#### General

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<tbody>
<tr>
<td>Administration and General</td>
<td></td>
<td></td>
<td>$664 581</td>
</tr>
<tr>
<td>Instruction</td>
<td></td>
<td></td>
<td>$128 800</td>
</tr>
<tr>
<td>Medicine</td>
<td></td>
<td></td>
<td>$793 381</td>
</tr>
<tr>
<td>Dentistry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>College of Nursing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Physical Education</td>
<td></td>
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<td></td>
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<tr>
<td><strong>Total, Instruction</strong></td>
<td></td>
<td></td>
<td>$4 516 128</td>
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<tr>
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<td></td>
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<tr>
<td>Research and Educational Hospitals</td>
<td></td>
<td></td>
<td>$3 064 240</td>
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<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td>Aeromedical and Physical Environment</td>
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</tr>
<tr>
<td><strong>Total, Organized Research</strong></td>
<td></td>
<td></td>
<td>$72 660</td>
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<tr>
<td>Extension and Public Services</td>
<td></td>
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</tr>
<tr>
<td>Broadcasting</td>
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<tr>
<td>Crippled Children</td>
<td></td>
<td></td>
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<tr>
<td><strong>Total, Extension and Public Services</strong></td>
<td></td>
<td></td>
<td>$361 760</td>
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<tr>
<td>Libraries</td>
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</tr>
<tr>
<td>Physical Plant</td>
<td></td>
<td></td>
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</tr>
<tr>
<td><strong>Student Aid</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate College</td>
<td></td>
<td></td>
<td>$20 000</td>
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<tr>
<td><strong>Total, General</strong></td>
<td></td>
<td></td>
<td>$8 997 956</td>
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#### Restricted

<table>
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<tbody>
<tr>
<td>Administration and General</td>
<td></td>
<td></td>
<td>$28 035</td>
</tr>
<tr>
<td>Instruction</td>
<td></td>
<td></td>
<td>$19 930</td>
</tr>
<tr>
<td>Medicine</td>
<td></td>
<td></td>
<td>$47 965</td>
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<td></td>
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<tr>
<td>Graduate College</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Institute for Tuberculosis Research</td>
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<td><strong>Total, Organized Research</strong></td>
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<td></td>
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<td>Extension and Public Services</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Dentistry</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crippled Children</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total, Extension and Public Services</strong></td>
<td></td>
<td></td>
<td>$314 520</td>
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<tr>
<td>Physical Plant</td>
<td></td>
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1959]
### Auxiliary Enterprises

<table>
<thead>
<tr>
<th></th>
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<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Physical Plant</td>
<td>59,402</td>
<td>850,005</td>
<td>909,407</td>
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### Student Aid

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Scholarships and Fellowships</td>
<td></td>
<td></td>
<td>47,500</td>
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Total, Restricted

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tr>
<td></td>
<td>1,686,049</td>
<td>2,484,380</td>
<td>4,170,429</td>
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### ADMINISTRATION AND GENERAL

#### General

<table>
<thead>
<tr>
<th>Administration and General</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vice-President's Office</td>
<td>$39,100</td>
<td>$5,800</td>
<td>$44,900</td>
</tr>
<tr>
<td>Health Service</td>
<td>79,862</td>
<td>5,400</td>
<td>85,262</td>
</tr>
<tr>
<td>Animal Hospital</td>
<td>39,704</td>
<td>2,600</td>
<td>42,304</td>
</tr>
<tr>
<td>Illustration Studios</td>
<td>61,920</td>
<td>5,900</td>
<td>67,820</td>
</tr>
<tr>
<td>Business Office</td>
<td>251,625</td>
<td>60,200</td>
<td>311,825</td>
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<td>Auditing</td>
<td>26,230</td>
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<td>27,530</td>
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<td>Admissions and Records</td>
<td>40,790</td>
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<td>48,640</td>
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<td>Nonacademic Personnel</td>
<td>72,770</td>
<td>13,450</td>
<td>86,220</td>
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<td>Student Affairs</td>
<td>31,140</td>
<td>2,400</td>
<td>33,540</td>
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<tr>
<td>Public Information</td>
<td>21,440</td>
<td>8,400</td>
<td>29,840</td>
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<tr>
<td>General Expenses</td>
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<td>15,500</td>
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Total, General

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$664,581</td>
<td>$128,800</td>
<td>$793,381</td>
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#### Restricted

<table>
<thead>
<tr>
<th>Administration and General</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Indirect Costs</td>
<td>$28,035</td>
<td>$18,930</td>
<td>$46,965</td>
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<tr>
<td>Estimated Endowment Income</td>
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<td>1,000</td>
<td>1,000</td>
</tr>
</tbody>
</table>

Total, Restricted

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$28,035</td>
<td>$19,930</td>
<td>$47,965</td>
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</tbody>
</table>

#### Vice-President's Office

Account Number 05-06-10

1. H. E. Longenecker, Vice-President in Charge of the Chicago Professional Colleges  BY $26,500

Nonacademic Salaries

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>12,600</td>
</tr>
<tr>
<td>Total, Salaries</td>
<td></td>
<td></td>
<td>(39,100)</td>
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</tbody>
</table>

Wages

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>900</td>
</tr>
</tbody>
</table>

Expense

|                     |          |                               | 4,200  |

Convention Travel

|                     |          |                               | 400    |

Equipment

|                     |          |                               | 300    |

Total, Wages, Expense, and Equipment

|                     |          |                               | (5,800) |

Total, Vice-President's Office

|                     |          |                               | $44,900 |

### Health Service

Account Number 05-06-15

1. Marvin J. Colbert, Director  ZBY $14,250
2. Joseph H. Filip, Associate Director  DY95 10,900
3. ———, Psychiatric Consultant  DY20 3,000
4. Juta Koik, Physician  ZDY50 6,400
5. John W. Sheagren, Physician  ZDY50 6,200
6. Howard B. Brenner, Physician  DY20 2,100
7. Eduard Huesing, Physician  DY30 3,000
8. Alice B. Racher, Physician  DY40 4,600
9. ———, Physician  DY60 6,000
10. ———, Physician  DY35 4,500
11. ———, Physician  DY20 2,100

Nonacademic Salaries

|                     |          |                               | 16,812 |

Total, Salaries

<p>|                     |          |                               | (79,802)|</p>
<table>
<thead>
<tr>
<th>Account</th>
<th>Nonacademic Salaries</th>
<th>Total Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Health Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Hospital</td>
<td>27 504</td>
<td>(39 704)</td>
<td>2 200</td>
<td>200</td>
<td>200</td>
<td>(2 600)</td>
<td>$ 42 304</td>
</tr>
<tr>
<td>Illustration Studios</td>
<td>34 660</td>
<td>(61 920)</td>
<td>3 095</td>
<td>2 805</td>
<td>2 805</td>
<td>(5 900)</td>
<td>$ 67 820</td>
</tr>
<tr>
<td>Business Office</td>
<td>16 700</td>
<td>(251 625)</td>
<td>8 450</td>
<td>48 550</td>
<td>3 200</td>
<td>(60 200)</td>
<td>$311 825</td>
</tr>
<tr>
<td>Trust — Indirect Costs — Business Office</td>
<td>18 495</td>
<td>18 495</td>
<td>$ 36 495</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Animal Hospital**

Account Number 05-06-17

1. William C. Dolowy, Administrator

Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZDY $ 12 200</td>
<td>27 504</td>
<td>2 200</td>
<td>200</td>
<td>(2 600)</td>
</tr>
</tbody>
</table>

**Illustration Studios**

Account Number 05-06-39

1. A. Hooker Goodwin, Professor of Medical and Dental Illustration and Head of Department

Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZDY $ 13 000</td>
<td>34 660</td>
<td>3 095</td>
<td>2 805</td>
<td>(5 900)</td>
</tr>
</tbody>
</table>

**Trust — Anonymous — Visual Education**

Account Number 50-22-05

1. Ramona Morgan, Assistant in Medical and Dental Illustration

Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZDY $ 540</td>
<td>4 930</td>
<td>4 930</td>
<td>4 930</td>
<td>$ 4 930</td>
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</table>

**Business Office**

Account Number 05-06-20

1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions

Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZDY $ 16 700</td>
<td>16 700</td>
<td>8 450</td>
<td>48 550</td>
<td>(60 200)</td>
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**Trust — Indirect Costs — Business Office**

Account Number 56-06-03

Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total, Trust — Indirect Costs — Business Office</th>
<th>Wages</th>
<th>Expense</th>
</tr>
</thead>
<tbody>
<tr>
<td>$ 36 495</td>
<td>18 495</td>
<td>18 000</td>
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### Auditing

<table>
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<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Auditing</th>
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</thead>
<tbody>
<tr>
<td></td>
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<td>$26,230</td>
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<td>$350</td>
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<td>$27,580</td>
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**Trust — Indirect Costs — Auditing**

<table>
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<th>Nonacademic Salaries</th>
<th>Expense</th>
<th>Total, Trust — Indirect Costs — Auditing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>$1,320</td>
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### Admissions and Records

<table>
<thead>
<tr>
<th>Account Number 05-06-25</th>
<th>George R. Moon, Associate Dean of Admissions and Records</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Admissions and Records</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>$13,300</td>
<td></td>
<td>$650</td>
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<td>$13,950</td>
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### Nonacademic Personnel

<table>
<thead>
<tr>
<th>Account Number 05-06-30</th>
<th>George F. McGregor, Associate Director</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Civil Service Travel Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Nonacademic Personnel</th>
</tr>
</thead>
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<tr>
<td></td>
<td></td>
<td></td>
<td>$13,100</td>
<td></td>
<td>$850</td>
<td></td>
<td>$11,450</td>
<td>$13,950</td>
<td>$85,220</td>
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### Indirect Costs — Nonacademic Personnel

<table>
<thead>
<tr>
<th>Account Number 56-06-02</th>
<th>Nonacademic Salaries</th>
<th>Expense</th>
<th>Total, Indirect Costs — Nonacademic Personnel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$8,220</td>
<td>$9,020</td>
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### Student Affairs

<table>
<thead>
<tr>
<th>Account Number 05-06-32</th>
<th>Maurice Galbraith, Dean of Student Affairs</th>
<th>F. C. Dalla, Director of Chicago Housing Division</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Student Affairs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$13,500</td>
<td>$17,640</td>
<td>$480</td>
<td>$1,820</td>
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<td>$33,540</td>
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### Public Information

<table>
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<tr>
<th>Account Number 05-06-35</th>
<th>John H. Worthington, Chicago Manager of Public Information</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>$11,300</td>
<td>$10,145</td>
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</table>

### July 21
### General Expenses

<table>
<thead>
<tr>
<th>Account Number 05-06-65</th>
<th>Wages, Expense, and Equipment</th>
<th>Total, General Expenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commencement Expense</td>
<td>$ 4,000</td>
<td>$ 15,500</td>
</tr>
<tr>
<td>Research Exhibits Expense</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Incidental and Emergency</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonrecurring Unassigned</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Estimates and Alterations Unassigned</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vice-President's Contingent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Publications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Public Functions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nonacademic Disability Benefits</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total, Wages, Expense, and Equipment</td>
<td>(15,500)</td>
<td></td>
</tr>
</tbody>
</table>

### College of Medicine

#### General

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$ 76,634</td>
<td>$ 30,537</td>
<td>$ 107,171</td>
</tr>
<tr>
<td>Postgraduate</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Anatomy</td>
<td>$ 169,048</td>
<td>18,200</td>
<td>$ 187,248</td>
</tr>
<tr>
<td>Biological Chemistry</td>
<td>$ 148,790</td>
<td>21,150</td>
<td>$ 169,940</td>
</tr>
<tr>
<td>Clinical Science</td>
<td>$ 29,690</td>
<td>7,300</td>
<td>$ 36,990</td>
</tr>
<tr>
<td>Dermatology</td>
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<td>Microbiology</td>
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<td>Neurology and Neurological Surgery</td>
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<td>Obstetrics and Gynecology</td>
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<td>Ophthalmology</td>
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#### Total, General

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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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#### Restricted

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<td>Toxicology Revolving</td>
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<td>Estimated Indirect Costs</td>
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<td>Estimated Endowment Income</td>
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<tr>
<td>Estimated Private Gifts</td>
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#### Total, Instruction

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<td>$ 95,020</td>
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Restricted (Concluded)  

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<th>Total</th>
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<td>Estimated Private Gifts</td>
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<td>Estimated U.S. Contracts</td>
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<td>$1 697 320</td>
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Administration

Account Number 05-12-03
1. Granville A. Bennett, Dean ........................................ ZBY $ 24 000
2. Donald J. Caseley, Associate Dean ............................... ZBY
3. William F. Kellow, Associate Dean .............................. ZBY $ 17 000
4. Unassigned Salaries .................................................. $ 12 134

Nonacademic Salaries
Total, Salaries .................................................................. $ 76 044
Wages ................................................................................ $ 1 300
Expense, General ............................................................... $ 11 937
Contingent .......................................................................... $ 10 000
Convention Travel ............................................................... $ 6 400
Equipment ............................................................................ $ 900
Total, Wages, Expense, and Equipment ................................ $ 30 537
Total, Administration ........................................................ $107 171

Trust — Medical Education Research Commonwealth Fund

Account Number 50-05-10
1. George E. Miller, Director of Research in Medical Education ........................................ ZBY $ 18 000
Total, Trust — Medical Education Research Commonwealth Fund ................................ $ 18 000

Postgraduate

Account Number 05-12-10
Wages ............................................................................... $ 200
Expense ............................................................................. $ 800
Total, Wages, Expense, and Equipment ................................. $ 1 000
Total, Postgraduate ............................................................ $ 1 000

Anatomy

Account Number 05-12-18
1. S. R. M. Reynolds, Professor and Head of Department AY $ 18 500
2. A. R. Cooper, Professor, Emeritus ................................. R
3. E. Lloyd DuBrul, Professor ............................................. ZAY
4. O. P. Kampmeier, Professor, Emeritus ............................. R
5. Robert H. Krehbiel, Professor ......................................... A $ 11 200
6. James C. Plagge, Professor ............................................. AY $ 12 750
(On leave without pay 1959-60)
7. Parke H. Simer, Professor .............................................. A $ 13 000
8. Gerhardt von Bonin, Professor, Emeritus .......................... R
9. Arnold A. Zimmermann, Professor ................................. A $ 12 500
10. Yngve Joranson, Associate Professor, Emeritus .............. R
11. Arthur La Velle, Associate Professor .............................. AY $ 9 800
12. Vincent J. Defeo, Assistant Professor .............................. BY $ 8 530
13. L. M. H. Larramendi, Assistant Professor ....................... BY $ 8 500
14. Edith K. MacRae, Assistant Professor ............................. BY $ 8 200
15. Helen C. Maibenko, Assistant Professor .......................... DY $ 7 350
16. Harry Mogens, Assistant Professor ................................. BY $ 8 700
17. A. J. Schmidt, Assistant Professor ................................. BY $ 8 600
18. Leopold Treciokas, Assistant Professor ........................... E $ 7 350
19. 1.50 Full Time Equivalent Assistants ............................. E $ 5 700
Nonacademic Salaries ....................................................... $ 28 268
Total, Salaries ..................................................................... $160 048
Wages .............................................................................. $ 1 500
Expense .......................................................... 14,200
Equipment .......................................................... 2,500
Total, Wages, Expense, and Equipment .................. (18,200)
Total, Anatomy .................................................. 187,248

Biological Chemistry

Account Number 05-12-27
1. Richard J. Winzler, Professor and Head of Department AY $18,500
2. Olaf Bergeim, Professor, Emeritus ....................... R
3. Stephen B. Binkley, Professor ......................... AY 15,000
4. Leo G. Abood, Associate Professor of Neurophysiology ZAY10 1,100
(Total Salary) .................................................. (11,000)
5. C. A. Johnson, Associate Professor .................... AY 9,650
6. Terrell C. Myers, Associate Professor .................. AY 10,000
7. Max E. Rafelson, Associate Professor .................. AY 12,000
(On leave with pay September, 1959, to February, 1960)
8. James A. Hayashi, Assistant Professor .......... BY 8,500
9. Henry Jeffay, Assistant Professor ................. BY 9,400
10. Paul Kohn, Assistant Professor .................. BY 10,100
11. Charles Panos, Assistant Professor ............. ZBY25 8,150
(Total Salary) .................................................. (7,400)
12. Edward B. Titchener, Assistant Professor ...... BY 8,700
13. Bernard Weissmann, Assistant Professor ....... BY 9,300
14. 2.50 Full Time Equivalent Assistants .......... E 9,250
Nonacademic Salaries ........................................... 24,540
Total, Salaries .................................................. (148,790)
Expense .......................................................... 17,550
Equipment .......................................................... 2,000
Total, Wages, Expense, and Equipment ................. (21,150)
Total, Biological Chemistry ................................ $169,940

Cooperative Investigations

TRUST—LEUKEMIA RESEARCH FOUNDATION

Account Number 50-12-15
1. A. B. Danielzadeh, Research Assistant ........... DY $4,800

TRUST—U.S. PUBLIC HEALTH SERVICE C1828

Account Number 55-21-09
1. Irene Bornstein, Research Assistant ............ DY $5,400

TRUST—U.S. PUBLIC HEALTH SERVICE E692

Account Number 55-21-34
1. Alexander Eichholz, Research Assistant .......... DY $4,400

TRUST—U.S. PUBLIC HEALTH SERVICE C 2951

Account Number 55-21-82
1. Tohru Inouye, Research Assistant ................. DY $4,650

TRUST—U.S. PUBLIC HEALTH SERVICE E 1514

Account Number 55-21-86
1. Charles Panos, Research Associate ............... ZDY75 $5,550

TRUST—U.S. PUBLIC HEALTH SERVICE CY3231 C

Account Number 55-21-96
1. Robert C. Smith, Research Assistant ............ DY $4,800

Clinical Science

Account Number 05-12-30
1. A. C. Ivy, Distinguished Professor of Physiology and Head of Department of Clinical Science AY $18,500
2. Roman Wojciech, Research Associate .............. DY95 5,490
Nonacademic Salaries .......................................... 5,790
Total, Salaries ................................................. (29,690)
Expense .......................................................... 7,300
Total, Clinical Science ...................................... $36,990
Cooperative Investigations

TRUST — LAKELAND FOUNDATION — STIMULATING AND INHIBITING AGENTS
Account Number 50-15-41
1. Dorothy Nelson, Research Associate.................. DY20 $ 1 200

TRUST — U.S. NCI CY 4239
Account Number 55-25-20
1. Herbert Kahn, Research Associate................... DY65 $ 3 600

Dermatology

Account Number 05-12-36
1. Adolph Rostenberg, Professor and Head of Department AY $ 18 000
2. Theodore Cornbleet, Clinical Professor.................. AY30 3 090
3. Harold Shellow, Clinical Associate Professor........... AY10 1 200
4. Paul Weichselbaum, Clinical Associate Professor...... AY20 2 400
5. ———, Associate Professor.............................. AY 9 940
6. F. J. Szymanski, Clinical Assistant Professor....... BY16 2 400
7. Louise E. Tavs, Clinical Assistant Professor......... BY20 2 000
8. 0.80 Full Time Equivalent Assistants................. DY 3 630
Nonacademic Salaries ...................................... 13 158
Total, Salaries ........................................... (55 818)
Wages .......................................................... 300
Expense ......................................................... 3 400
Equipment ...................................................... 1 200
Total, Wages, Expense, and Equipment ................... (4 900)
Total, Dermatology ........................................ (60 718)

Cooperative Investigations

TRUST — PHARMA CRAFT COMPANY
Account Number 50-21-55
1. Tao Huang, Research Associate......................... DY $ 7 500

Medical Social Work

Account Number 05-12-41
1. Carol H. Preucil, Associate Professor and Head of Department AY $ 11 300
(Total Salary) ................................................ (7 050)
2. Lois E. Binns, Assistant Professor...................... ZBY06 7 350
(On leave with one-half pay 1959-60)
3. Louise Fassler, Assistant Professor..................... BY 7 550
4. Kathryn E. Hepler, Assistant Professor............... BY 7 900
5. Dorothy Large, Assistant Professor.................... BY 8 550
6. Helen K. Lockhart, Assistant Professor.............. BY 7 350
7. Natalie R. Seltzer, Assistant Professor............. BY 7 350
8. Marie Waite, Assistant Professor..................... BY 7 900
(Perquisites Employee — one meal)
9. Dolores A. Brownlee, Instructor....................... DY 5 700
10. Sheila A. Callaghan, Instructor...................... DY 5 500
11. Constance Fraser, Instructor.......................... ZDY50 3 500
(Total Salary) ................................................ (7 000)
12. Ruth W. Helms, Instructor.............................. DY 5 550
13. Margaret L. Johnson, Instructor...................... DY 5 800
14. Helen J. Lane, Instructor............................... DY 6 500
15. Leona K. Pliske, Instructor............................ DY 5 700
16. Jean V. Presser, Instructor............................ DY 5 550
17. Helen J. Read, Instructor, Handicapped Children's Center DY 5 000
18. Jean Robertson, Instructor............................ DY 5 750
19. Ramona J. Teason, Instructor......................... DY 6 300
20. T. P. Meyertholen, Assistant........................... DY 5 420
(Perquisites Employee — one meal)
Nonacademic Salaries ....................................... 25 200
Total, Salaries ............................................ (157 730)
Cooperative Investigations

TRUST — MEDICAL SOCIAL WORK — UNIVERSITY OF CHICAGO

Account Number 50-23-05

1. Lois E. Binns, Assistant Professor.
   ZBY4 $ 300
   (On leave with one-half pay 1959-60)

2. Aleleanor Merrifield, Assistant Professor.
   BY $ 7,450

Total, Trust — Medical Social Work — University of Chicago

$ 7,750

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO

Account Number 50-52-55

1. Mary Elston Goss, Instructor.
   DY $ 6,300

TRUST — U.S. PUBLIC HEALTH SERVICE M1335

Account Number 55-60-03

1. Shirley Weinstein, Instructor.
   DY $ 5,800

Medicine

Account Number 05-12-42

1. Harry F. Dooling, Professor and Head of Department.
   AY $ 24,000

2. David I. Abramson, Professor.
   ZAY $ 9,000

3. Carroll L. Birch, Professor.
   AY $ 11,000

4. Edmund F. Foley, Professor.
   AY50 $ 5,400

5. Ford K. Hick, Professor.
   AY50 $ 5,400

6. George G. Jackson, Professor.
   AY $ 17,600

7. Robert M. Kark, Professor.
   AY90 $ 13,500

8. Norman B. Roberg, Professor.
   AY80 $ 14,500

9. Harry A. Bliss, Associate Professor.
   AY $ 13,000

10. Nicholas Cotsonas, Associate Professor.
    AY60 $ 14,000

11. William F. Kellow, Associate Professor.
    ZAY $ 9,000

12. A. B. Kendrick, Associate Professor.
    AY $ 9,000

13. Louis R. Limarzi, Associate Professor.
    AY70 $ 6,600

14. George E. Miller, Associate Professor.
    ZAY $ 6,600

15. M. M. Montgomery, Associate Professor.
    AY80 $ 13,500

16. Jerome T. Clinical Associate Professor.
    AY30 $ 2,570

17. Max Samler, Associate Professor.
    AY90 $ 12,300

18. F. Steigmann, Clinical Associate Professor.
    AY20 $ 1,710

    BY $ 9,200

20. William R. Best, Assistant Professor.
    ZBY15 $ 1,700

(Total Salary) $ 10,200

21. George J. Brebis, Assistant Professor.
    BY50 $ 3,600

22. Marvin J. Colby, Assistant Professor.
    ZBY $ 6,600

23. Moses Goldwasser, Assistant Professor, Emeritus.
    R $ 6,600

24. Sophie J. Presley, Clinical Assistant Professor.
    BY25 $ 1,750

25. Eugene J. Ranke, Clinical Professor.
    BY33 $ 2,261

26. Robert J. Ryan, Assistant Professor.
    ZBY35 $ 3,325

(Total Salary) $ 6,500

27. Nat E. Smith, Assistant Professor.
    BY $ 10,200

    ZDY50 $ 2,950

(Total Salary) $ 5,550

29. J. M. Dyniewicz, Instructor and Research Chemist.
    DY $ 5,900

    DY $ 7,400

    ZDY15 $ 1,300

(Total Salary) $ 3,900

32. Juta Koik, Instructor.
    ZDY $ 1,300

33. William R. McCabe, Instructor.
    FY $ 5,800

(Effective July 1, 1959)

34. John W. Sheagren, Instructor.
    ZDY $ 5,800

Wages .................................................................   200
Expense ..............................................................   5,700
Equipment ............................................................   800
Total, Wages, Expense, and Equipment ................................ (6,700)
Total, Medical Social Work ........................................... $164,430

Cooperative Investigations

TRUST — MEDICAL SOCIAL WORK — UNIVERSITY OF CHICAGO

Account Number 50-23-05

1. Lois E. Binns, Assistant Professor  ZBY4 $ 300
   (On leave with one-half pay 1959-60)

2. Aleleanor Merrifield, Assistant Professor  BY $ 7,450

Total, Trust — Medical Social Work — University of Chicago  $ 7,750

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO

Account Number 50-52-55

1. Mary Elston Goss, Instructor  DY $ 6,300

TRUST — U.S. PUBLIC HEALTH SERVICE M1335

Account Number 55-60-03

1. Shirley Weinstein, Instructor  DY $ 5,800

Medicine

Account Number 05-12-42

1. Harry F. Dooling, Professor and Head of Department  AY $ 24,000

2. David I. Abramson, Professor  ZAY $ 9,000

3. Carroll L. Birch, Professor  AY $ 11,000

4. Edmund F. Foley, Professor  AY50 $ 5,400

5. Ford K. Hick, Professor  AY50 $ 5,400

6. George G. Jackson, Professor  AY $ 17,600

7. Robert M. Kark, Professor  AY90 $ 13,500

8. Norman B. Roberg, Professor  AY80 $ 14,500

9. Harry A. Bliss, Associate Professor  AY $ 13,000

10. Nicholas Cotsonas, Associate Professor  AY60 $ 14,000

11. William F. Kellow, Associate Professor  ZAY $ 9,000

12. A. B. Kendrick, Associate Professor  AY $ 9,000

13. Louis R. Limarzi, Associate Professor  AY70 $ 6,600

14. George E. Miller, Associate Professor  ZAY $ 6,600

15. M. M. Montgomery, Associate Professor  AY80 $ 13,500

16. Jerome T. Clinical Associate Professor  AY30 $ 2,570

17. Max Samler, Associate Professor  AY90 $ 12,300

18. F. Steigmann, Clinical Associate Professor  AY20 $ 1,710

19. Robert J. Adolph, Assistant Professor  BY $ 9,200

20. William R. Best, Assistant Professor  ZBY15 $ 1,700

(Total Salary) $ 10,200

21. George J. Brebis, Assistant Professor  BY50 $ 3,600

22. Marvin J. Colby, Assistant Professor  ZBY $ 6,600

23. Moses Goldwasser, Assistant Professor, Emeritus  R $ 6,600

24. Sophie J. Presley, Clinical Assistant Professor  BY25 $ 1,750

25. Eugene J. Ranke, Clinical Professor  BY33 $ 2,261

26. Robert J. Ryan, Assistant Professor  ZBY35 $ 3,325

(Total Salary) $ 6,500

27. Nat E. Smith, Assistant Professor  BY $ 10,200

28. Basil Anast, Instructor in Parasitology  ZDY50 $ 2,950

(Total Salary) $ 5,550

29. J. M. Dyniewicz, Instructor and Research Chemist  DY $ 5,900

30. Hans G. Griebel, Instructor  DY $ 7,400

31. Robert S. Kassriel, Instructor  ZDY15 $ 1,300

(Total Salary) $ 3,900

32. Juta Koik, Instructor  ZDY $ 1,300

33. William R. McCabe, Instructor  FY $ 5,800

(Effective July 1, 1959)

34. John W. Sheagren, Instructor  ZDY $ 5,800
35. Instructor .............................................. DY 8 600
36. Instructor ............................................. DY 50 3 650
37. Margaret Mellody, Research Assistant ................. ZDY 85 4 845
(Total Salary) ........................................... (5 700)
39. Research Assistant .................................... DY 4 400
40. Research Assistant .................................... DY 4 400
Nonacademic Salaries ...................................
Total, Salaries ........................................... (3 208 854)
Wages .......................................................... 1 400
Expense ...................................................... 19 000
Expense, Allergy ........................................... 2 000
Equipment .................................................. 3 000
Total, Wages, Expense, and Equipment .................... (25 400)
Total, Medicine........................................... $346 254

Cooperative Investigations

TRUST — NATIONAL FOUNDATION FOR MEDICAL EDUCATION
Account Number 50-24-16
1. Herschel L. Browns, Clinical Assistant Professor ...... ZBY 20 $ 1 650

WARNER LAMBERT
Account Number 50-24-52
1. Vera M. Kozij, Research Assistant ....................... DY $ 4 600

TRUST — LEDERLE LABORATORIES
Account Number 50-24-70
1. Mary E. Rubenis, Research Assistant .................... ZDY 15 $ 855

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO
Account Number 50-52-55
1. Janet Wolter, Assistant Professor ....................... BY $ 10 500

TRUST — U.S. PUBLIC HEALTH SERVICE HT 300
Account Number 55-15-25
1. Herschel L. Browns, Clinical Assistant Professor ...... ZBY 25 $ 2 150
(Total Salary) ............................................. (3 800)
2. Robert S. Kassriel, Instructor ........................... ZDY 35 2 600
Total, Trust — U.S. Public Health Service HT 300 ....... $ 4 750

TRUST — U.S. H2253C
Account Number 55-35-12
1. Roy C. McClain, Research Assistant .................... DY $ 5 250

TRUST — U.S. PUBLIC HEALTH SERVICE 2A 5032 C
Account Number 55-35-22
1. Alexander N. Ruggie, Clinical Assistant Professor .... BY 35 $ 3 000

TRUST — U.S. ARMY MD 421
Account Number 55-35-65
1. Truman O. Anderson, Research Associate ................ DY 25 $ 2 050
2. Marika H. Arthur, Research Assistant ................... DY 4 700
3. Gloria S. Cooper, Research Assistant ................... DY 4 850
4. Jack Saporta, Research Assistant ....................... DY 4 600
Total, Trust — U.S. Army MD 421 ........................ $ 10 200

TRUST — U.S. PUBLIC HEALTH SERVICE B1659
Account Number 55-35-70
1. Basil Ansat, Instructor in Parasitology .................. ZDY 45 $ 2 600

TRUST — U.S. PUBLIC HEALTH SERVICE 2347C
Account Number 55-35-70
1. William R. Best, Assistant Professor .................... ZBY 75 $ 8 500
2. John Louis, Clinical Instructor ......................... DY 45 3 750
Total, Trust — U.S. Public Health Service 2347C .......... $ 12 250
TRUST — U.S. PUBLIC HEALTH SERVICE 2A 5105
Account Number 55-35-91
1. Robert J. Ryan, Assistant Professor.................. ZBY65 $ 6 175

TRUST — U.S. PUBLIC HEALTH SERVICE C7 63
— CANCER TRAINING
Account Number 55-65-12
1. Samuel G. Taylor, Clinical Associate Professor...... AY40 $ 3 420

Microbiology
Account Number 05-12-44
1. Milan V. Novak, Professor and Head of Department... ZAY90 $ 16 740
(Total Salary) ....................................... (18 600)
2. J. E. Kempf, Professor ................................ AY 13 200
3. Leon J. LeBeau, Associate Professor ................. AY 9 000
4. Esther Meyer, Associate Professor ................... AY 9 900
5. George H. Scherr, Associate Professor ............... AY 10 750
6. Edward E. Vicher, Associate Professor ............... AY 11 000
7. Arthur V. Kroeger, Assistant Professor ............... BY 8 000
8. Robert W. Pumper, Assistant Professor ............... BY 8 500
9. Edward S. Kos, Instructor ........................................ DY 7 000
10. Claude V. Reich, Instructor .............................. DY 7 600
11. Louis R. Sibal, Instructor ..................................... DY 7 000
12. ............................................. E 8 056
13. 2.20 Full Time Equivalent Assistants ......................
Nonacademic Salaries ........................................... 34 154
Total, Salaries ......................................... (158 760)
Wages .................................................. 1 600
Expense .................................................. 8 400
Equipment .................................................. 4 000
Total, Wages, Expense, and Equipment ................. (14 000)
Total, Microbiology ....................................... $ 172 760

Neurology and Neurological Surgery
Account Number 05-12-45
1. Eric Oldberg, Professor and Head of Department .... AY75 $ 15 500
2. Orville T. Bailey, Professor of Neurology .......... AY 18 000
3. Percival Bailey, Distinguished Professor of Neurology, Emeritus ...................... R
4. Frederic A. Gibbs, Professor of Electroencephalography AY75 8 250
5. W. A. Gustafson, Clinical Professor of Neurological Surgery .................. AY25 3 000
6. Ben W. Lichtenstein, Clinical Professor of Neurology .. (Effective July 1, 1959)
7. R. P. Mackay, Professor of Neurology .................. AY20 3 000
8. Oscar Sugar, Professor of Neurological Surgery ...... AY50 5 500
9. John S. Garvin, Clinical Associate Professor of Neurology .............. (A)
10. I. B. Diamond, Assistant Professor, Emeritus ...... AY40 3 000
11. Ernst Haase, Clinical Assistant Professor of Neurology AY75 6 700
(Total Salary) ....................................... (12 680)
12. Frederick W. Stamps, Research Associate in Neurology ZDY45 6 350
(Total Salary) ....................................... (12 680)
13. Donald D. Layton, Clinical Instructor in Neurology ... (Effective July 1, 1959)
14. Roland A. Manfredi, Clinical Instructor in Neurology .. D25 1 800
15. Paul R. Rosenbluth, Clinical Instructor in Neurology .. D25 1 800
16. Erna L. Gibbs, Research Assistant in Electroencephalography .... D25 5 500
Nonacademic Salaries ..................................... 60 324
Total, Salaries ......................................... (138 624)
Wages, Neurology ........................................ 5 100
Wages, Epilepsy Clinic .................................... 800

UNIVERSITY OF ILLINOIS
Expense, Neurology ............................................... 16 400
Expense, Epilepsy Clinic ........................................ 5 000
Equipment ..................................................................... 670
Total, Wages, Expense, and Equipment ...................... (27 970)
Total, Neurology and Neurological Surgery ............. $166 594

Epilepsy Clinic Revolving
Account Number 07-12-10
Nonacademic Salaries ............................................. $ 4 020
Expense ........................................................................ 300
Total, Epilepsy Clinic Revolving .............................. $ 4 320

Cooperative Investigations
TRUST — CRIPPLED CHILDREN'S BUREAU — CONSULTATION CLINIC — EPILEPSY
Account Number 50-25-25
1. Ernst Haase, Clinical Assistant Professor of Neurology ZDY20 $ 1 830
2. Frederick W. Stamps, Research Associate in Neurology ZDY45 6 330
3. Seymour Metrick, Clinical Instructor in Neurology DY20 1 680
4. Janet D. Rowley, Clinical Instructor in Neurology DY90 6 720
Total, Trust — Crippled Children's Bureau — Consultation Clinic — Epilepsy .......................... $ 16 560

TRUST — U.S. PUBLIC SERVICE HEALTH B 1109
Account Number 55-40-22
1. Catherine L. Rich, Research Assistant in Neurology... DY $ 5 520

Obstetrics and Gynecology
Account Number 05-12-48
1. William F. Mengert, Professor and Head of Department AY $ 23 500
2. W. H. Browne, Clinical Professor, Emeritus R ..............
3. F. H. Falls, Professor, Emeritus R ..........................
4. Vincent C. Freda, Clinical Associate Professor AY40 5 200
5. Harold Kaminetzky, Assistant Professor BY 14 000
6. James H. McClure, Assistant Professor BY 15 700
7. William G. Slate, Assistant Professor BY 12 750
8. ————, Assistant Professor BY 10 900
Nonacademic Salaries ................................................ 13 830
Total, Salaries ........................................................... (95 880)
Wages ........................................................................ 700
Expense ........................................................................ 6 400
Equipment ...................................................................... 1 000
Total, Wages, Expense, and Equipment .................. (9 000)
Total, Obstetrics and Gynecology ............................. $104 880

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE C7 63
Account Number 55-65-15
1. Michael Farmans, Instructor ................................. DY50 $ 3 000

Occupational Therapy
Account Number 05-12-49
1. Beatrice D. Wade, Associate Professor and Head of Department AY $ 11 000
2. Mary F. Heermans, Assistant Professor DY 7 700
3. Patricia Green, Instructor DY 6 150
4. Dorothy T. Hruby, Instructor DY 6 400
5. Barbara Loomis, Instructor DY 7 000
6. Nedra A. Phelps, Instructor DY 6 250
7. Honora E. Salmon, Instructor DY 6 100
8. Carol J. Schad, Instructor DY 6 300
9. Patricia A. Tiernan, Instructor DY 6 200
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<tr>
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<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Occupational Therapy</th>
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<td>Janet Engbring, Assistant</td>
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<td>Shirley A. Epstein, Assistant</td>
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<td>5 150</td>
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<tr>
<td>Marilyn Lange, Assistant</td>
<td>E</td>
<td>5 000</td>
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<td>$17 700</td>
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Cooperative Investigations

**Trust — National Foundation for Infantile Paralysis — Respiratory Polio**

Account Number 50-52-55

| 1. Eleanor J. Thurston, Instructor | DY | $ 5 900 |

**Trust — Psychosomatic Disorders of Children**

Account Number 50-54-50

| 1. Sandra J. Benzies, Instructor | DY | $ 6 000 |

**Trust — U.S. Public Health Service OVR 106 59**

Account Number 55-45-15

| 1. Gretchen M. Schmalz, Assistant | DY | $ 5 200 |

**Ophthalmology**

Account Number 05-12-51

| 1. P. C. Kronfeld, Professor and Head of Department and Ophthalmologist-in-Chief | ZAY | $ 20 700 |
| 2. Hallard Beard, Clinical Professor | AY20 | 2 060 |
| 3. Robert L. Allen, Clinical Assistant Professor | BY45 | 3 600 |
| 4. Eugene R. Polk, Assistant Professor | BY70 | 6 915 |
| 5. Lawrence Lassiter, Assistant Professor | BY50 | 3 725 |
| 6. James E. McDonald, Assistant Professor | BY60 | 5 820 |
| 7. Maurice D. Pearlman, Clinical Assistant Professor | BY40 | 3 600 |
| (Handicapped Children's Center — 20 per cent) | | |

| 8. Howard L. Wilder, Assistant Professor | BY65 | 6 450 |
| 9. Myron C. Benfield, Clinical Associate | ZDY | ..... |
| 10. Amrum Lakritz, Instructor | DY75 | 5 650 |
| 11. Norbert J. Nowicki, Instructor | BY85 | 5 400 |

(Effective July 1, 1959)

Nonacademic Salaries

| Total, Salaries | (93 684) |
| Wages | (1 100) |
| Expense | (8 400) |
| Equipment | (1 500) |

Total, Ophthalmology

$104 684

**Orthopaedic Surgery**

Account Number 05-12-64

| 1. Robert D. Ray, Professor and Head of Department | AX50 | $11 500 |
| 2. Fred W. Hark, Clinical Professor | AX25 | 3 300 |
| 3. C. N. Lambert, Clinical Professor | AX35 | 3 850 |
| 4. Theodore A. Fox, Clinical Associate Professor | AX35 | 3 200 |
| 5. Charles V. Heck, Clinical Associate Professor | AX35 | 3 200 |
| 6. Henry W. Apfelbach, Clinical Assistant Professor | BY35 | 2 800 |
| 7. Ralph T. Lidge, Clinical Assistant Professor | BY35 | 2 800 |
| 8. John B. Griffin, Clinical Instructor, Handicapped Children's Center | DY30 | 1 800 |

| Nonacademic Salaries | Total, Salaries | (67 172) |

| 34 722 | | |
Wages................................................................. 300
Expense............................................................. 6 700
Equipment.......................................................... 3 000

Total, Wages, Expense, and Equipment......................... (10 000)
Total, Orthopaedic Surgery........................................ $ 77 172

Cooperative Investigations

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO
Account Number 50-52-55

1. Charles B. Andrews, Instructor and Orthopaedist in
   Respiratory Center ........................................... DY $ 10 200
2. Sid J. Shafer, Clinical Instructor ............................. DY20 1 320

Total, TRUST — National Foundation for Infantile Paralys
   Respiratory Polio ............................................... $ 11 520

Otolaryngology

Account Number 05-12-57

1. Francis L. Lederer, Professor and Head of Department
   and Otolaryngologist-in-Chief ............................. AY80 $ 15 700
2. Paul H. Holinger, Professor of Bronchoesophagology... AY48 5 600
3. C. M. Lightfoot, Associate Professor of Otolaryngology
   and Director of Speech and Hearing Center ............. AY 11 600
   (Perquisites Employee — one meal)
4. Frederic J. Pollock, Associate Professor .................. AY50 6 100
5. Emanuel M. Skolnik, Associate Professor .................. ZAY50 4 900
   (Total Salary) ................................................ (6 900)
6. Burton J. Soboroff, Associate Professor .................. AY50 5 330
7. ......, Associate Professor of Audiology ................. AY 8 550
   (Perquisites Employee — one meal)
8. Richard A. Buckingham, Clinical Assistant Professor of
   Otolaryngology and Otologist in the Speech and Hear-
   ing Center .................................................. BY45 3 720
9. Charles R. Elliott, Assistant Professor .................... ZBY 4 000
10. Arthur Loevy, Assistant Professor ......................... BY50 4 000
11. John M. McCauley, Assistant Professor of Clinical Psy-
    chology .................................................... BY 7 350
    (Perquisites Employee — one meal)
12. William H. Plotkin, Assistant Professor in Clinical
    Speech ....................................................... BY 7 350
13. ......, Assistant Professor of Speech, Handi-
    capped Children’s Center ............................... BY 8 000
14. Virginia A. Breed, Instructor in Audiology ............. DY 5 750
    (Perquisites Employee — one meal)
15. Edward K. Elliott, Instructor in Clinical Speech ...... DY10 800

Nonacademic Salaries ...........................................

Total, Salaries ................................................ (139 146)

Wages ............................................................. 600
Expense ........................................................... 9 400
Equipment ........................................................ 1 000

Total, Wages, Expense, and Equipment ......................... (11 000)
Total, Otolaryngology ........................................... $150 146

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE B1711
Account Number 55-49-05

1. Nicholas Torok, Clinical Assistant Professor .......... DY20 $ 2 000

TRUST — U.S. PUBLIC HEALTH SERVICE C7 63 —
CANCER TRAINING
Account Number 55-65-15

1. Joseph G. Schoolman, Clinical Associate Professor..... AY35 $ 3 000
### Pathology

Account Number 05-12-60

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<td>Cecil A. Krakower</td>
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<td>Greeneville A. Bennett</td>
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<td>3.</td>
<td>John B. Fuller</td>
<td>ZAY</td>
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<td>4.</td>
<td>S. A. Levinson</td>
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<td>$1,200</td>
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<td>5.</td>
<td>George Milles</td>
<td>A20</td>
<td>2,800</td>
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<td>6.</td>
<td>Conrad L. Pirani</td>
<td>ZAY</td>
<td>18,200</td>
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<td>7.</td>
<td>Joseph P. Weinmann</td>
<td>ZAY</td>
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<td>8.</td>
<td>H. R. Catchpole</td>
<td>AY</td>
<td>$11,300</td>
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<td>9.</td>
<td>Elizabeth A. McGrew</td>
<td>ZAY</td>
<td>$14,600</td>
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<tr>
<td>10.</td>
<td>Alexander J. Nedzel</td>
<td>R</td>
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<td>11.</td>
<td>Donald R. Russ</td>
<td>ZAY</td>
<td>$15,000</td>
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<td>Martin Swerdlow</td>
<td>ZAY</td>
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<td>13.</td>
<td>Esther L. Cheatle</td>
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<td>Cesar Somoza</td>
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<td>Ruth Wong</td>
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<td>18.</td>
<td>Seymour Greenspon</td>
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<td>19.</td>
<td>Hartmann Friederici</td>
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Nonacademic Salaries ........................................... 34,542

Total, Salaries ............................................. (224,342)

Wages .......................................................... 3,200

Wages, Undergraduate Lecturers ................................ 5,000

Expense .......................................................... 8,300

Equipment ................................................................ 1,650

Total, Wages, Expense, and Equipment .......................... (18,150)

Total, Pathology .............................................. $242,492

### Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE HT 300 C

Account Number 55-15-25

1. Otto Saphir, Clinical Professor ......................... DY10 $1,200

### Pediatrics

Account Number 05-12-63

<table>
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<th>Position</th>
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<td>1.</td>
<td>Heyworth N. Sanford</td>
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<td>Edward F. Lis</td>
<td>ZAY27</td>
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<td>(Total Salary)</td>
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<td>(15,000)</td>
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<td>3.</td>
<td>Ira M. Rosenthal</td>
<td>AY</td>
<td>14,000</td>
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<td>4.</td>
<td>Ralph Spach</td>
<td>AY35</td>
<td>3,000</td>
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<td>5.</td>
<td>Anne Bohning</td>
<td>BY67</td>
<td>4,640</td>
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<td>6.</td>
<td>John S. Hyde</td>
<td>BY50</td>
<td>3,900</td>
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<td>7.</td>
<td>Melvin A. Krugly</td>
<td>BY50</td>
<td>3,775</td>
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<td>8.</td>
<td>Michael Limosani</td>
<td>BY40</td>
<td>2,600</td>
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<td>9.</td>
<td>Kareem B. Minhah</td>
<td>BY</td>
<td>9,200</td>
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<td>10.</td>
<td>Nerissa P. Singh</td>
<td>BY50</td>
<td>3,800</td>
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<td>11.</td>
<td>Marianne Budzeika</td>
<td>L1</td>
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<td>12.</td>
<td>Andre Chabot</td>
<td>DY</td>
<td>6,870</td>
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<td>13.</td>
<td>Mary F. Graham</td>
<td>ZDY50</td>
<td>3,250</td>
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<td>(Total Salary)</td>
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<td>(4,330)</td>
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<td>14.</td>
<td>Dolores E. Knoblock</td>
<td>DY32</td>
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<td>15.</td>
<td>Isidro L. Perez</td>
<td>DY</td>
<td>1,170</td>
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<td>16.</td>
<td>Priscila Reyes</td>
<td>DY</td>
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<td>17.</td>
<td>Luis Trevino</td>
<td>ZDY60</td>
<td>4,400</td>
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<td>(Handicapped Children’s Center — 40 per cent)</td>
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<td>(Total Salary)</td>
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<td>(7,350)</td>
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<td>18.</td>
<td>Gertrude Asrow</td>
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<td>1.00 Full Time Equivalent Assistants</td>
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Nonacademic Salaries ........................................... 5,400

Total, Salaries ............................................. (116,685)
Wages.................................................. 2 200
Expense................................................ 7 700
Equipment............................................. 1 060

Total, Wages, Expense, and Equipment........... (10 060)
Total, Pediatrics.................................... $127 615

Cooperative Investigations
Trust — State Department of Public Welfare —
Psychosomatic Differentiation in Infants
Account Number 50-54-30
1. Mary F. Graham, Instructor..................... ZDY20 $ 1 080

Trust — U.S. Public Health Service M1335
Account Number 55-60-03
1. Samuel H. Barron, Assistant Professor........... DY50 $ 5 000

Pharmacology
Account Number 05-12-66
1. Klaus R. Unna, Professor and Head of Department... AY $ 18 300
2. Harris Bush, Professor............................... AY 13 400
3. W. J. R. Camp, Professor of Pharmacology and Toxicology and State Toxicologist AY 13 200
4. H. A. McGuigan, Professor, Emeritus............ R ....
5. T. R. Sherrod, Professor............................ AY 12 400
6. Cedric M. Smith, Associate Professor............ A 10 000
7. Laszlo Gyerme, Assistant Professor................ B 8 000
8. Ferenc Herr, Assistant Professor.................. B 8 200
9. Xenia Machne, Assistant Professor................ B 8 000
10. Jean L. Riehl, Instructor........................... D 6 800
11. 1.00 Full Time Equivalent Assistants............ E 3 804

Nonacademic Salaries................................. 24 662
Total, Salaries........................................ (126 796)
Wages.................................................. 500
Expense, Pharmacology................................. 13 000
Expense, Toxicology..................................... 1 100
Equipment, Pharmacology.............................. 1 670

Total, Wages, Expense, and Equipment.............. (16 270)
Total, Pharmacology................................... $143 066

Toxicology Revolving
Account Number 07-12-15
Wages.................................................. $ 1 200
Expense................................................ 6 800

Total, Toxicology Revolving........................ $ 8 000

Physical Medicine and Rehabilitation
Account Number 05-12-72
1. David I. Abramson, Professor and Head of Department ZAY80 $ 14 900
2. Edward E. Gordon, Clinical Associate Professor........ AY10 1 100
3. Clara J. Fleischer, Assistant Professor................ ZBY90 11 540
4. G. Chandrasekharappa, Assistant........................ D Y 4 800
5. Diana R. Garceau, Assistant, Handicapped Children's Center ............ DY 5 400

Nonacademic Salaries................................. 9 678
Total, Salaries........................................ (47 418)
Expense................................................ 2 100
Equipment............................................. 660

Total, Wages, Expense, and Equipment.............. (2 700)
Total, Physical Medicine and Rehabilitation........ $ 50 118

Cooperative Investigations
Trust — U.S. Public Health Service H2568
Account Number 55-52-07
1. Sammie Tuck, Jr., Research Assistant............... DY $ 5 000
### Physiology

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<td>Arnold Veryl Wolf</td>
<td>Professor and Head of Department</td>
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<td></td>
<td>Victor Guillemin</td>
<td>Professor of Biophysics</td>
<td>ZAY</td>
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<td></td>
<td>R. C. Ingraham</td>
<td>Professor</td>
<td>AY</td>
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<td>John P. Marbarger</td>
<td>Professor</td>
<td>ZAY</td>
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<tr>
<td></td>
<td>C. I. Reed</td>
<td>Professor, Emeritus</td>
<td>R</td>
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<td></td>
<td>William Whitehorn</td>
<td>Professor</td>
<td>AY</td>
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<td></td>
<td>Norman R. Alpert</td>
<td>Associate Professor</td>
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<td></td>
<td>Ruven Greenberg</td>
<td>Associate Professor</td>
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<td>V. V. Glaviano</td>
<td>Assistant Professor</td>
<td>BY</td>
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<td></td>
<td>Robert Macey</td>
<td>Assistant Professor</td>
<td>BY</td>
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<td></td>
<td>Akira Omachi</td>
<td>Assistant Professor</td>
<td>BY</td>
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<td></td>
<td>Frank E. South</td>
<td>Assistant Professor</td>
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<td></td>
<td>William C. Dolowy</td>
<td>Instructor</td>
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<td>Arthur Grimm</td>
<td>Instructor</td>
<td>DY</td>
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<td></td>
<td>Sabath F. Marotta</td>
<td>Instructor</td>
<td>ZDY</td>
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<td></td>
<td>J. Langdon Taylor</td>
<td>Instructor</td>
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Nonacademic Salaries: $37,128

Total, Salaries: $(174,233)$

Wages: $2,000

Expense: $23,200

Equipment: $1,700

Total, Wages, Expense, and Equipment: $(26,900)$

Total, Physiology: $201,133

### Presbyterian-St. Luke's Hospital

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<td>Mark H. Lepper</td>
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<td>Sol Roy Rosenthal</td>
<td>Associate Professor</td>
<td>ZAY</td>
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<td>Adrian M. Ostfeld</td>
<td>Assistant Professor</td>
<td>BY</td>
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<td></td>
<td>Walter S. Wood</td>
<td>Instructor</td>
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Nonacademic Salaries: $4,620

Total, Salaries: $(51,220)$

Wages: $700

Expense: $2,500

Equipment: $300

Total, Wages, Expense, and Equipment: $(3,500)$

Total, Presbyterian-St. Luke's Hospital: $66,775

### Preventive Medicine

<table>
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<th>Position</th>
<th>Salary</th>
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<tbody>
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<td>05-12-78</td>
<td>George A. Saxton</td>
<td>Senior Physician, with rank of Associate Professor</td>
<td>ZDY</td>
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Nonacademic Salaries: $4,620

Total, Salaries: $(51,220)$

Wages: $700

Expense: $2,500

Equipment: $300

Total, Wages, Expense, and Equipment: $(3,500)$

Total, Preventive Medicine: $54,720

### Cooperative Investigations

<table>
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<th>Position</th>
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<td>50-52-55</td>
<td>George A. Saxton</td>
<td>Senior Physician</td>
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TRUST—U.S. Public Health Service B 1693

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<td>55-57-10</td>
<td>Edith C. Dougherty</td>
<td>Research Assistant</td>
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TRUST—U.S. Public Health Service E 2613

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<td>55-57-15</td>
<td>Jeannette Norsen</td>
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### Psychiatry

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<td>05-12-81</td>
<td>Francis J. Gerty</td>
<td>Professor and Head of Department</td>
<td>AY</td>
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<tr>
<td></td>
<td>Franz G. Alexander</td>
<td>Clinical Professor, Emeritus</td>
<td>R</td>
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3. Percival Bailey, Clinical Professor, Emeritus........... R.............
4. Beulah C. Bosselman, Professor.......................... AY50............. 7 000
5. Hugh T. Carmichael, Clinical Professor........... AY25............. 4 150
6. Alexander Geiger, Professor of Neurophysiology... AY............. 11 000
7. Ernest A. Haggard, Professor of Psychology........... AY............. 11 500

(On leave without pay 1959-60)
8. Irene Josselyn, Clinical Professor..................... AY25............. 3 800
9. L. J. Meduna, Professor................................. AY53............. 5 800
10. George Mohr, Clinical Professor, Emeritus........... R............. 3 800
11. Irene Sherman, Clinical Associate Professor, Emerita. R............. 4 000
12. Lucia E. Tower, Clinical Professor..................... AY25............. 3 800
13. Leo G. Abaad, Associate Professor of Neurophysiology ZAY90............. 9 900

(Total Salary) ........................................... (11 000)
14. Peter Giovacchini, Clinical Associate Professor......... AY25............. 2 820
15. Kalman Gyarfas, Clinical Associate Professor.......... AY50............. 7 200
16. Joel S. Handler, Clinical Associate Professor........... AY35............. 4 000
17. Kyozo Koketsu, Associate Professor of Neurophysiology................. AY
18. Paul E. Nielson, Associate Professor.................. AY............. 14 000
19. D. M. Olkon, Clinical Associate Professor, Emeritus........... R............. 3 800
20. George H. Pollock, Clinical Associate Professor........... AY25............. 2 500
21. Alan K. Rosenwald, Associate Professor of Psychology......... AY............. 11 000
22. Orville S. Walters, Lecturer, with rank of Associate Professor.................. ZAY
23. Sol Altschul, Clinical Assistant Professor........... BY25............. 2 550
24. Seymour Chaplik, Assistant Professor................... BY35............. 3 600
25. Melvin Gray, Clinical Assistant Professor........... BY30............. 2 700
26. Patrick Israel, Assistant Professor.................... BY50............. 5 800
27. Robert S. Levine, Assistant Professor................... BY50............. 5 800
28. Aubrey L. Rues, Assistant Professor of Psychology, Handicapped Children’s Center........... BY
29. Jeanne Spurluck, Assistant Professor................... BY80............. 8 000
30. Harold M. Visotsky, Assistant Professor........... ZBY35............. 3 600

(Total Salary) ........................................... (7 200)
31. Richard B. Bohin, Instructor........................... DY50............. 5 400
32. Garth Smith, Instructor................................. ZDY40............. 3 000

(Total Salary) ........................................... (4 500)
33. Mary E. Stewart, Research Assistant........... DY30............. 2 400

Nonacademic Salaries

Total, Salaries ........................................... (258 588)
Wages......................................................... 2 000
Expense....................................................... 1 000
Equipment.................................................... 1 000

Total, Wages, Expense, and Equipment........................ (25 000)
Total, Psychiatry ........................................... $254 088

Cooperative Investigations

TRUST — CHICAGO HEART ASSOCIATION
Account Number 50-52-30
1. Binyamin Lebovits, Research Associate....................... DY20............. $ 1 800

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO
Account Number 50-52-55
1. Harold M. Visotsky, Assistant Professor....................... ZBY35............. $ 3 600

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE — NEURON STUDY
Account Number 50-54-20
1. Ruth Geiger, Research Associate........................... DY............. $ 10 000
2. Mary E. Stewart, Research Assistant....................... DY............. $ 5 800

Total, Trust — State Department of Public Welfare — Neuron Study...........................

$ 15 800
UNIVERSITY OF ILLINOIS

1959

TRUST—U.S. PUBLIC HEALTH SERVICE M 2302
Account Number 55-57-05
1. Richard R. Rosman, Research Associate.............. DY $ 7 000

TRUST—U.S. PUBLIC HEALTH SERVICE M1335
Account Number 55-60-03
1. Ner Littner, Clinical Assistant Professor........... DY25 $ 3 000
2. Viola A. Brody, Research Associate.................. DY66 $ 6 000
Total, Trust—U.S. Public Health Service M1335...... $ 9 000

TRUST—U.S. 3B 413 C3
Account Number 55-60-15
1. Virginia Aguilar, Research Assistant................. DY $ 4 800
2. William Scruggs, Research Assistant.................. DY $ 5 100
Total, Trust—U.S. 3B 413 C3.......................... $ 9 900

TRUST—U.S. NONR 145603
Account Number 55-60-40
1. Libero Barbato, Research Associate.................. DY $ 7 000

TRUST—U.S. PUBLIC HEALTH SERVICE 2M 6792
Account Number 55-60-45
1. John Loesch, Assistant Professor..................... FY $ 12 000
(Effective July 1, 1959)

TRUST—U.S. PUBLIC HEALTH SERVICE M637 C3
Account Number 55-60-59
1. Kenneth S. Isaacs, Research Associate.............. DY $ 9 800

TRUST—U.S. PUBLIC HEALTH SERVICE 2M6099C2
Account Number 55-60-88
1. Helen Beiser, Clinical Assistant Professor.......... DY25 $ 2 750
2. David I. Cheifetz, Assistant Professor of Psychology. DY $ 9 500
3. James Ginsberg, Clinical Instructor.................. DY40 $ 3 850
4. Garth Smith, Instructor.................................. ZDY20 $ 1 500
5. Edward M. Wasserman, Instructor....................... DY50 $ 5 500
Total, Trust—U.S. Public Health Service 2M6099C2.... $ 23 100

Public Health

Account Number 05-12-82
1. Howard Shaughnessy, Professor and Head of Department............ AY $ 16 100
(Also paid $2,856 by State Department of Public Health)
2. Herbert C. Batson, Professor of Biostatistics................. AY $ 15 000

Total, Salaries........................................... (31 100)

Wages.......................................................... 100
Expense...................................................... 1 500
Equipment.................................................... 1 200

Total, Wages, Expense, and Equipment.................. (2 800)

Total, Public Health........................................ $ 33 900

Radiology

Account Number 05-12-84
1. Roger A. Harvey, Professor and Head of Department........... ZAY $ 24 000
2. T. J. Wachowski, Clinical Professor................... ZAY15 $ 1 800
3. David J. Lochman, Associate Professor............... ZAY33 $ 4 400
4. Walter S. Moos, Associate Professor and Radiation Physicist................. AY $ 13 000
5. Arthur S. Petersen, Associate Professor............... ZAY40 $ 4 400
6. Bernard Baker, Clinical Assistant Professor........... ZBY12 $ 1 200
7. Arlene A. Halko, Assistant Professor.................. ZBY $ 8 000
8. Edwin J. Liebner, Assistant Professor................ ZBY $ 13 200
9. Myron Mohamed, Clinical Assistant Professor......... ZBY25 $ 3 000
10. Anton M. Pantone, Clinical Assistant Professor....... ZBY25 $ 3 000
11. Virginia Patterson, Assistant Professor.............. DY $ 16 800
12. Glen Sandberg, Assistant Professor.................. DY 7 200
13. Enrique Schwartz, Assistant Professor.................. DY 13 000
14. Charles F. Whitney, Clinical Assistant Professor BY10 1 200
15. Edmund Ringus, Clinical Instructor.................. DY25 2 100
16. , Instructor.................. DY 7 000

Nonacademic Salaries

Total, Salaries

2 500
Expense, Radiology

Expense, Radiology Betatron

Equipment, Radiology

Equipment, Radiology Betatron

Total, Wages, Expense, and Equipment

$415 910

Total, Wages, Expense, and Equipment

Total, Surgery

$226 404

Surgery

Account Number 05-12-90
1. Warren H. Cole, Professor and Head of Department.. ZAY $ 24 500
2. Axel G. Anderson, Clinical Professor.................. ZAY
3. Ormand C. Julian, Professor.................. ZAY27 4 050
(Total Salary).................. (8 420)
4. Ernst Trier Moreh, Clinical Professor of Anesthesiology.................. AY25 3 000
5. Eli Olech, Clinical Professor.................. ZAY
6. C. B. Paustow, Clinical Professor.................. AY25 3 050
7. J. T. Reynolds, Clinical Professor.................. AY15 2 170
8. Max S. Sadove, Professor of Anesthesiology.................. ZAY90 18 700
9. Danely P. Slaughter, Clinical Professor.................. ZAY45 4 700
10. Geza de Takats, Clinical Professor.................. AY25 3 350
11. Willard Van Hazel, Clinical Professor.................. AY20 2 850
12. Reuben C. Balagot, Clinical Associate Professor of Anesthesiology.................. ZAY45 5 750
13. Thomas K. Barber, Clinical Associate Professor.................. ZAY
14. William J. Grove, Associate Professor.................. AY90 13 700
15. R. D. Herrold, Clinical Associate Professor, Emeritus.................. R
16. Hushang Javid, Clinical Associate Professor.................. AY30 3 070
17. Joseph H. Kiefer, Associate Professor.................. AY50 4 550
18. Daniel M. Laskin, Clinical Associate Professor.................. ZAY
19. James H. McDonald, Associate Professor of Urology.................. AY95 12 500
20. W. H. Requarth, Clinical Associate Professor.................. AY15 1 650
21. Irwin B. Robinson, Clinical Associate Professor.................. ZAY
22. John H. Schnewind, Associate Professor.................. ZAY90 11 200
23. Robert A. Atterbury, Clinical Assistant Professor.................. ZBY
24. John W. Curtin, Clinical Assistant Professor.................. ZBY
25. Edson F. Fowler, Clinical Assistant Professor.................. BY30 2 900
26. George D. Kaiser, Clinical Assistant Professor.................. BY35 3 600
27. Gerald O. McDonald, Associate Professor.................. BY90 8 000
28. Keith Medley, Assistant Professor in Anesthesiology.................. BY 9 450
29. Lawrence Peterson, Clinical Assistant Professor.................. BY25 1 900
30. Elaine A. Stuebner, Clinical Assistant Professor.................. ZDY
31. Mustafa Kemal Yon, Assistant Professor of Anesthesiology.................. BY95 10 340
32. Assistant Professor of Anesthesiology.................. DY75 9 600
33. Eleanor T. Bregman, Research Assistant.................. DY 4 400
34. 0.35 Full Time Equivalent Assistants.................. DY 1 598

Nonacademic Salaries

Total, Salaries

(200 404)

Total, Wages, Expense, and Equipment

Total, Surgery

(20 000)

$226 404
Cooperative Investigations

**UNIVERSITY OF ILLINOIS**

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<th>Salary</th>
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<td>50-57-16</td>
<td>Arun Kumar Sen, Clinical Assistant Professor of Anesthesiology</td>
<td>ZDY40 $3000</td>
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<td>TRUST — HAPPA</td>
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<td>Belio M. Lopez, Assistant Professor</td>
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<td>TRUST — AMERICAN CANCER SOCIETY — SPONTANEOUS REGRESS</td>
<td>50-57-57</td>
<td>Tilden C. Everson, Clinical Associate Professor</td>
<td>AY15 $1800</td>
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<td>TRUST — WILMETTE UNITED FUND</td>
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<td>John D. Griffiths, Clinical Instructor</td>
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<td>55-15-24</td>
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<td>TRUST — U.S. PUBLIC HEALTH SERVICE CT 63 — CANCER TRAINING</td>
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<td>TRUST — U.S. PUBLIC HEALTH SERVICE 3157</td>
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<td>Steven G. Economou, Assistant Professor</td>
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<td>TRUST — U.S. PUBLIC HEALTH SERVICE 3157</td>
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<td>Rudolph G. Mrazek, Assistant Professor</td>
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<td>TRUST — U.S. PUBLIC HEALTH SERVICE CY 3482</td>
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<td>Frederic DePeyster, Clinical Associate Professor</td>
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<td>TRUST — U.S. PUBLIC HEALTH SERVICE CY 3551</td>
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<td>William H. Harridge, Clinical Assistant Professor</td>
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**COLLEGE OF DENTISTRY**

### General

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<td>Postgraduate Studies</td>
<td>$15,230</td>
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<td>18,000</td>
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<td>Admitting Clinic</td>
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<td>Crowns and Fixed Partial Dentures</td>
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<td>Pedodontics</td>
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<td><strong>Total, General</strong></td>
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<td>Organized Research</td>
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<td>Estimated Indirect Costs</td>
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Administration

Account Number 05-15-01

1. Isaac Schour, Dean ................................ ZBY40 $ 8,600
   (Total Salary) .................................... (21,500)
2. Edward J. Forrest, Associate Dean ZBY90 14,000
   (Total Salary) .................................... (16,000)
3. Neil S. Talbot, Assistant to Dean and Professor of Medical and Dental History, Emeritus R ....
4. F. B. Noyes, Dean and Professor of Orthodontics, Emeritus RA .....
5. Instructor ........................................ DY 6,000
   Nonacademic Salaries ................................ 21,402
   Total, Salaries .................................... (51,062)
   Wages ................................................ 800
   Expense .............................................. 4,325
   Contingent .......................................... 7,243
   Convention Travel .................................. 1,000
   Equipment ............................................ 1,725
   Total, Wages, Expense, and Equipment ........... (15,093)
   Total, Administration ................................ $ 67,055

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D12

Account Number 55-73-06

1. Maury Massler, Professor and Head of Department of Pedodontics ZAY20 $ 3,300
   (Total Salary) .................................... (16,500)
   (On leave with pay January to June 1960)
2. Daniel M. Laskin, Associate Professor of Oral Surgery ZAY15 1,795
   (Total Salary) .................................... (7,200)
   Total, Trust — U.S. Public Health Service D12 ...... $ 5,095

Postgraduate Studies

Account Number 05-15-07

1. Coordinator of Postgraduate Extension BY25 $ 2,300
2. Robert G. Kesel, Lecturer ZDY 250
   (Total Salary) .................................... (17,000)
   (On leave without pay to June 1, 1960)
3. W. H. Kubacki, Lecturer ZDY 220
   (Total Salary) .................................... (17,000)
4. Maury Massler, Lecturer ZDY 450
   (Total Salary) .................................... (16,500)
   (On leave with pay January to June, 1960)
5. Joseph P. Weinmann, Lecturer ZDY 475
   (Total Salary) .................................... (16,500)
6. Thomas K. Barber, Lecturer ZDY 250
   (Total Salary) .................................... (11,000)
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<td>Samson S. Flores</td>
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**Honorarium for Special Teaching**

Wages: $1,000

**Total, Wages, Expense, and Equipment**

$2,770

**Total, Postgraduate Studies**

$18,000

---

**Postgraduate Extension Revolving**

Account Number 07-15-97

Wages: $100

**Total, Wages, Expense, and Equipment**

$10,000

---

**Admitting Clinic**

Account Number 05-15-10

1. Arthur J. Skupa, Professor of Clinical Dentistry and Director of Patient Admissions: AY $13,000

2. Theodore B. Kurtz, Professor of Clinical Dentistry: ZAY $6,000

3. Arthur Elfenbaum, Associate Professor, Emeritus: R

4. Charles M. Buckman, Assistant Professor of Clinical Dentistry: BY $1,500

5. Harold A. Drummond, Assistant Professor of Clinical Dentistry: BY $2,250

6. Lester Jacobs, Assistant Professor of Clinical Dentistry: $4,500

7. Donald L. McElroy, Assistant Professor of Clinical Dentistry: $4,000

8. Herbert Hazelkorn, Instructor in Clinical Dentistry: $2,800

**Nonacademic Salaries**

Total, Salaries: $13,200

Wages: $200

**Total, Wages, Expense, and Equipment**

$14,750

---

**Applied Materia Medica and Therapeutics**

Account Number 05-15-15

1. Robert G. Kesel, Professor and Head of Department: ZAY $16,750

**On leave without pay to June 1, 1960**

2. E. A. Jasper, Professor: AY $7,370

3. Donald A. Wallace, Professor: AY $14,000

4. M. F. Grunwald, Associate Professor: AY $2,200

5. Charles G. Maurice, Associate Professor: AY $9,600

**Acting Head of Department:** FY $1,200

**To June 1, 1960**

6. E. C. Wach, Associate Professor, Emeritus: R

7. Paul O. Boyle, Assistant Professor: B $3,270

8. Anita M. Ellingston, Assistant Professor: BY $7,250

9. Harold R. Englander, Assistant Professor: BY $11,500

10. Bennett Klavan, Assistant Professor: BY $4,500

11. William S. Baker, Assistant Professor of Dentistry: BY $1,800

12. Masao Harada, Instructor: DY $2,600

13. Harry R. Shepard, Instructor: DY $2,900


**Nonacademic Salaries**

Total, Salaries: $18,594

**Total, Postgraduate Extension Revolving**

$10,000

---

**Nonacademic Salaries**

Total, Salaries

**Total, Wages, Expense, and Equipment**

$14,750

---

**Total, Admitting Clinic**

$48,900

---

**Nonacademic Salaries**

Total, Salaries

**Total, Wages, Expense, and Equipment**

$14,750

---

**Total, Postgraduate Extension Revolving**

$10,000
### Crowns and Fixed Partial Dentures

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<th>Name</th>
<th>Salary</th>
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<tr>
<td>1.</td>
<td>Stanley D. Tylman, Professor and Head of Department</td>
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<tr>
<td>2.</td>
<td>Fred N. Bazola, Professor</td>
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<td>3.</td>
<td>F. X. Pelka, Assistant Professor</td>
<td>$4,500</td>
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<td>4.</td>
<td>Hugh J. Flanagan, Instructor</td>
<td>$3,300</td>
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<tr>
<td>5.</td>
<td>Richard I. Gunther, Instructor</td>
<td>$5,250</td>
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<td>6.</td>
<td>Peter M. Irvine, Instructor</td>
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<td>7.</td>
<td>Boleslaw Mazur, Instructor</td>
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### Cooperative Investigations

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### Dental Clinics

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<th>Name</th>
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### Full and Removable Partial Dentures

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<td>1.</td>
<td>W. H. Kubacki, Professor and Head of Department</td>
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**Note:** The salaries and expenses are presented in a tabular format, with each section detailing the total for wages, expense, and equipment, followed by the subtotal for the section.

**Total:**

- Crowns and Fixed Partial Dentures: $110,764
- Cooperative Investigations: $63,885
- Dental Clinics: $86,624

The total salaries for all sections combined are provided at the end of each section. The table includes various salaries and expenses for different roles and accounts, with specific details about the account numbers and the individuals associated with them.
Nonacademic Salaries .................................... 17,748
Total, Salaries .................................... (67,995)
Wages ................................................................ 1,680
Expense ................................................................ 2,200
Equipment ................................................................ 300
Total, Wages, Expense, and Equipment .............. (4,180)
Total, Full and Removable Partial Dentures .......... $72,133

Histology

Account Number 05-15-60
1. Isaac Schour, Professor and Head of Department ... ZAY $12,900
   (Total Salary) ........................................... (21,500)
2. E. Lloyd DuBrul, Professor of Oral Anatomy ... ZAY 11,060
3. James A. Gagnon, Associate Professor of Oral Anatomy ...
   (Total Salary) ............................................ ZAY60 5,700
   (Total Salary) ............................................ (9,500)
4. Roy Gillette, Associate Professor .................. AY 10,200
5. Verda E. James, Associate Professor ........... AY 10,750
6. Nicholas L. Simios, Instructor .................... DY50 3,550
7. John R. Westine, Instructor ......................... DY50 3,550
Nonacademic Salaries ..................................... 28,584
Total, Salaries ........................................... (86,234)
Wages, Histology .......................................... 210
Wages, Oral Anatomy .................................... 200
Expenses, Histology .................................... 2,890
Expenses, Oral Anatomy and Comparative Odontology ...
Equipment, Histology ................................... 800
Equipment, Oral Anatomy ................................ 500
Total, Wages, Expense, and Equipment .............. (6,200)
Total, Histology ........................................... $92,434

Cooperative Investigations

TRUST—U.S. PUBLIC HEALTH SERVICE CT663
Account Number 55-75-32
1. Eli Olech, Professor of Oral Surgery .......... ZAY10 $1,100
   (Total Salary) ........................................... (6,600)

TRUST—U.S. PUBLIC HEALTH SERVICE 485C
Account Number 55-75-51
1. E. Rickstniece, Research Assistant ........... DY $5,500

Operative Dentistry

Account Number 05-15-75
1. John M. Spence, Professor and Head of Department... AY $15,000
2. Theodore B. Kurtz, Professor .................... ZAY50 6,000
   (Total Salary) ........................................... (12,000)
3. James A. Gagnon, Associate Professor ........ ZAY40 3,800
   (Total Salary) ........................................... (9,500)
4. Margot Ulloa, Associate Professor ............ AY60 7,200
5. Mack C. Tanner, Assistant Professor ....... BY30 2,250
6. Marvin B. Weiss, Assistant Professor ....... ZBY80 8,000
   (Total Salary) ........................................... (10,000)
7. Jerry F. Balaty, Instructor ....................... DY50 3,500
8. Jules Berman, Instructor ......................... DY20 1,500
9. Charles F. Hebing, Instructor .................. DY40 2,900
10. Wอรท V. Hill, Instructor ....................... DY20 1,350
11. Walter A. Sperry, Instructor ................. DY40 2,900
Nonacademic Salaries .................................. 8,640
Total, Salaries ........................................... (63,040)
Wages ................................................................ 300
Expense ................................................................ 1,700
Equipment ................................................................ 300
Total, Wages, Expense, and Equipment .............. (2,300)
Total, Operative Dentistry ................................. $65,340
**Oral and Maxillofacial Surgery**

Account Number 05-15-80

<table>
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<tr>
<th>Name</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. Axel G. Anderson, Professor and Head of Department</td>
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<tr>
<td>2. Eli Olech, Professor and Director of Minor Oral Surgery</td>
<td>$5,500</td>
</tr>
<tr>
<td>3. Daniel M. Laskin, Associate Professor</td>
<td>$5,405</td>
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<td>4. Irwin B. Robinson, Associate Professor</td>
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<tr>
<td>5. Robert A. Atterbury, Assistant Professor</td>
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<tr>
<td>6. Elaine A. Stuebner, Assistant Professor</td>
<td>$6,500</td>
</tr>
<tr>
<td>7. David A. Reithel, Instructor</td>
<td>$2,100</td>
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Nonacademic Salaries: $21,420

Total, Salaries: $64,995

**Orthodontics**

Account Number 05-15-82

<table>
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<tr>
<td>1. A. G. Brodie, Professor and Head of Department</td>
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<td>2. Milton B. Engel, Professor</td>
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<td>3. Edward J. Forrest, Professor</td>
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<td>4. Earl W. Renfroe, Professor</td>
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<td>5. Samuel Pruzansky, Associate Professor</td>
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<td>6. Jack R. Mason, Instructor</td>
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<td>7. George Osterberger, Instructor</td>
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<td>8. Edward Prorok, Instructor</td>
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<tr>
<td>9. Bernard Schneider, Instructor</td>
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Nonacademic Salaries: $13,590

Total, Salaries: $61,000

**Cooperative Investigations**

Trust — U.S. Public Health Service D686

Account Number 55-79-35

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<tr>
<th>Name</th>
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<td>1. Bernard L. Swoiskin, Instructor</td>
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Trust — U.S. Public Health Service D625

Account Number 55-80-05

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<td>1. Bernard Schneider, Instructor</td>
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**Oral Pathology**

Account Number 05-15-86

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<th>Name</th>
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<tr>
<td>1. Joseph P. Weinmann, Professor and Head of Division</td>
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<td>2. Nicholas G. Grand, Associate Professor</td>
<td>$9,650</td>
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<tr>
<td>3. Herman Medak, Assistant Professor</td>
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<tr>
<td>4. George M. Yamane, Assistant Professor</td>
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Nonacademic Salaries: $6,576

Total, Salaries: $44,306
### 1959 UNIVERSITY OF ILLINOIS

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<td>50-58-80</td>
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<td>50-58-80</td>
<td>Total Equipment</td>
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<td>50-58-80</td>
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<tr>
<td>50-58-80</td>
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### Cooperative Investigations

**TRUST — UNIVERSITY OF ILLINOIS FOUNDATION — DENTAL INCOME**

**TRUST — U.S. PUBLIC HEALTH SERVICE D58**

- **1.** Marvin B. Weiss, Assistant Professor. ZBY20 $2 000  
  (Total Salary) $10 000

- **TRUST — U.S. PUBLIC HEALTH SERVICE D58**

- **1.** Julia Mehr, Assistant Professor. ZBY50 $4 500  
  (Total Salary) $9 000
- **2.** George M. Yamane, Assistant Professor. ZDY 955
- **3.** Amarjit S. Marwah, Instructor. DY 6 000

**TRUST — U.S. PUBLIC HEALTH SERVICE C 2705**

- **1.** Nicholas G. Grand, Associate Professor. ZAY16 $1 840  
  (Total Salary) $5 940

**TRUST — U.S. PUBLIC HEALTH SERVICE C 2705**

- **1.** Shu Yung Wang, Research Associate. DY75 5 940

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<tr>
<td>55-80-35</td>
<td>Total Trust — U.S. Public Health Service D513</td>
<td>$7 780</td>
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### Pedodontics

**Account Number 05-15-88**

- **1.** Maury Massler, Professor and Head of Department. ZAY80 $12 750  
  (Total Salary) $16 500
- **2.** Thomas K. Barber, Associate Professor. ZAY 10 750  
  (Total Salary) $11 000
- **3.** Elsie Gerlach, Superintendent of Children's Clinic and  
  Associate Professor. AY 9 500
- **4.** Marvin Kozlov, Instructor. DY70 4 000  
  (Handicapped Children's Center — 20 per cent)
- **5.** Aphrodite Pappas, Instructor. DY20 1 320
- **6.** William J. Rogers, Instructor. DY30 2 250

**Nonacademic Salaries**

- $12 190  
  (58 360)

**Expense, Pedodontics**

- $2 750  
  ($1 800)

**Equipment, Pedodontics**

- $600

**Equipment, Children's Clinic**

- $300

**Total, Wages, Expense, and Equipment**

- $5 450

**Total, Pedodontics**

- $65 810

### Radiology

**Account Number 05-15-90**

- **1.** S. H. Yale, Professor and Head of Department. AY $14 000

**Nonacademic Salaries**

- $23 987  
  ($37 687)

**Wages**

- $550

**Expense**

- $7 300

**Equipment**

- $700

**Total, Wages, Expense, and Equipment**

- $8 680

**Total, Radiology**

- $46 687
Cooperative Investigations

TRUST—U.S. Public Health Service D 950
Account Number 55-83-25
1. Michael A. Videka, Instructor in Dental Radiology.... DY50 $3,500

TRUST—U.S. Public Health Service D 973
Account Number 55-83-30
1. Henry Rosenberg, Assistant Professor.............. BY50 $4,500

COLLEGE OF PHARMACY

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<th>Expense, and Equipment</th>
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<tr>
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<tr>
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<td>Chemistry</td>
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<td>17,000</td>
<td>163,854</td>
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<td>Pharmacognosy and Pharmacology</td>
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<td>14,500</td>
<td>125,226</td>
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<td>Pharmacy</td>
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<td>109,558</td>
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<td><strong>58,440</strong></td>
<td><strong>513,544</strong></td>
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<table>
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<td>Estimated Private Gifts</td>
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Administration

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<td>1. George L. Webster, Dean</td>
<td>05-18-05</td>
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<td>2. Conrad A. Blomquist, Assistant Dean</td>
<td>ZBY50</td>
<td>5,250</td>
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<td>3. Bernard H. Gold, Assistant Professor of Sociology and Psychology</td>
<td>B60</td>
<td>5,000</td>
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<td>4. Donald M. Martin, Assistant Professor of English</td>
<td>B</td>
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<tr>
<td>5. Martin M. Rosner, Assistant Professor of Pharmacy Administration</td>
<td>D</td>
<td>7,200</td>
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<tr>
<td>6. —, Assistant Professor of Pharmacy Administration</td>
<td>D50</td>
<td>4,000</td>
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<tr>
<td>7. Samuel Shkolnik, Lecturer in Pharmaceutical Jurisprudence</td>
<td>E</td>
<td>21,600</td>
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<td>8. Paul A. Oostmeyer, Instructor in English</td>
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<td>9. 6.00 Full Time Equivalent Assistants</td>
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Chemistry

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<th>Position</th>
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<tr>
<td>1. James E. Gearien, Professor and Head of Department</td>
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<td>2. Ernst R. Kirch, Professor</td>
<td>AY</td>
<td>11,300</td>
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<tr>
<td>3. Madeline Barnothy, Associate Professor of Physics</td>
<td>A</td>
<td>8,500</td>
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<tr>
<td>4. Charles W. Clarke, Associate Professor</td>
<td>A</td>
<td>8,900</td>
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<tr>
<td>5. Ralph Daniels, Associate Professor</td>
<td>A</td>
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<tr>
<td>6. Norman R. Joseph, Associate Professor</td>
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<td>8,100</td>
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<tr>
<td>7. Alfred J. Perkins, Associate Professor</td>
<td>A</td>
<td>9,500</td>
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</table>
8. Ludwig Bauer, Assistant Professor ........................................ B 8 100
9. Rose Ann Grundman, Assistant Professor of Mathematics ................. B 7 300
10. ................................................... Assistant Professor .......... B 7 000
11. Alfred C. Core, Instructor in Physics ........................................ D 5 400
12. Bernard J. Kurtin, Instructor in Physics ..................................... D 5 800
13. Fred A. Turner, Instructor ................................................... D 5 000
14. ........................................... Instructor ................................ D 5 000
15. ........................................... Instructor in Mathematics .......... D 5 200
16. Elwina Bejnarowicz, Assistant ........................................... E 3 600
17. Bruce D. Martin, Assistant in Physics ......................................... E 3 600
Nonacademic Salaries .............................................................. 21 354
Total, Salaries ........................................................................ 146 854

Expense, General ....................................................................... 17 000
Total, Wages, Expense, and Equipment ....................................... 163 854

Pharmacognosy and Pharmacology

Account Number 05-18-15
1. Ralph F. Voigt, Director of Drug and Horticultural Experiment Station: Professor and Head of Department AY $ 14 000
2. P. D. Carpenter, Associate Professor of Zoology .......... A 8 300
3. Charles A. Reed, Associate Professor of Zoology .......... A 8 000
4. Conrad A. Blomquist, Assistant Professor of Zoology . ZBY50 5 250
(Total Salary) ........................................................................ 10 500
5. Allan M. Burkman, Assistant Professor of Pharmacology ................. B 7 500
6. Frank A. Crane, Assistant Professor of Pharmacognosy BY 9 400
7. Bernhard Greenberg, Assistant Professor of Zoology . B 7 100
8. Ralph W. Morris, Assistant Professor of Pharmacology B 8 300
9. ........................................... Assistant Professor of Pharmacology . D 6 500
10. Aurelia M. Aro, Instructor in Pharmacognosy ................. D 5 000
11. S. J. Smolenski, Instructor in Pharmacognosy ................. DY 5 600
12. ........................................... Assistant in Zoology ................... E 3 600
Nonacademic Salaries .............................................................. 22 176
Total, Salaries ........................................................................ 110 726
Expense, General ....................................................................... 11 500
Expense, Drug and Horticultural Experiment Station ................. 3 000
Total, Wages, Expense, and Equipment ....................................... 14 500
Total, Pharmacognosy and Pharmacology ................................... 125 226

Pharmacy

Account Number 05-18-20
1. ........................................... Professor and Head of Department . AY $ 14 000
2. Dwight L. Deardorff, Professor of Manufacturing Pharmacy ................. AY 11 300
3. Ralph E. Terry, Professor ................................................... AY 12 000
4. Herbert M. Emig, Associate Professor ......................... A 8 600
5. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy ......................... ZBY27 2 400
(Total Salary) ........................................................................ (8 000)
6. Bernard Ecanow, Assistant Professor ......................... D 7 700
7. Frederick Siegel, Assistant Professor ......................... D 7 700
8. Stanley V. Susina, Assistant Professor ......................... B 8 100
9. Eugene J. Dehner, Instructor ........................................... D 5 200
10. Daniel A. Nona, Assistant ................................................... E 3 600
11. Casimer Wieczorek, Assistant ................................................... E 3 600
Nonacademic Salaries .............................................................. 15 858
Total, Salaries ........................................................................ (100 058)
Expense, General ....................................................................... 9 500
Total, Wages, Expense, and Equipment ....................................... (9 500)
Total, Pharmacy ..................................................................... ($109 558)
Stores — Hospital Pharmacy

Account Number 15-05-25
1. W. R. Collins, Chief Pharmacist and Instructor............. DY $ 10,000
2. Ronald P. Betz, Assistant Chief Pharmacist............... DY 6,500
3. Zinnia Cicenas, Assistant Chief Pharmacist................. DY 6,500
4. Vernita Williams, Assistant Chief Pharmacist.............. DY 7,200
5. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy............................................ ZBY73 5,600
(Total Salary) (8,000)
6. Wilbert Billinger, Registered Pharmacist.................... DY 5,600
7. Sheila Sarnat, Registered Pharmacist........................ DY 6,000
8. Regina J. Tarkowski, Registered Pharmacist.................. DY 6,000
9. Silas S. Wood, Registered Pharmacist........................ DY 6,000
10. ————, Registered Pharmacist.................................. DY 6,000
11. ————, Registered Pharmacist.................................. DY 5,600
12. Beatriz Werwath, Research Assistant.......................... DY 6,000
13. Donald W. Vangor, Pharmacy Resident.......................... DY60 1,520
(Perquisites University — room and board)
14. ————, Pharmacy Resident.......................... DY50 780
(Perquisites University — room and board)
15. Frank T. Zaboretzky, Pharmacy Apprentice.................... DY 4,800
Total, Stores — Hospital Pharmacy................................. $ 84,100

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28
1. John D. Breen, Registered Pharmacist.................... DY $ 6,000
2. Nancy Eisenbart, Registered Pharmacist in charge of Hospital Pharmacy.......................... DY 6,200
Total, Stores — Illinois Eye and Ear Infirmary Pharmacy.......................... $ 12,200

GRADUATE COLLEGE

General

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<tr>
<th>Instruction</th>
<th>Wages, Expense, and Salaries</th>
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<tr>
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Restricted

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Administration

Account Number 05-19-05
1. Milan V. Novak, Associate Dean................................. ZDY10 $ 1,860
(Total Salary) (18,600)
Nonacademic Salaries .............................................. 5,760
Total, Salaries .................................................. 100
Wages ............................................................. 900
Expense ........................................................... 900
Total, Wages, Expense, and Equipment.......................... (1,000)
Total, Administration ............................................. $ 8,620
**Special Graduate Research**

Account Number 05-19-25

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**Fellowships**

Account Number 05-19-50

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**COLLEGE OF NURSING**

Account Number 05-21-05

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<th>Account</th>
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</thead>
<tbody>
<tr>
<td>Emily C. Cardew</td>
<td>Dean, Associate Professor</td>
<td>AY</td>
</tr>
<tr>
<td>Mary Sue Evitts</td>
<td>Associate Professor</td>
<td>AY</td>
</tr>
<tr>
<td>Arlene S. Krieger</td>
<td>Associate Professor</td>
<td>A</td>
</tr>
<tr>
<td>Edna L. Anderson</td>
<td>Assistant Professor</td>
<td>BY</td>
</tr>
<tr>
<td>Rachel Bliss</td>
<td>Assistant Professor</td>
<td>ZBY10</td>
</tr>
<tr>
<td>Helen W. Dunn</td>
<td>Assistant Professor</td>
<td>ZBY10</td>
</tr>
<tr>
<td>Anthony Fuller</td>
<td>Associate Professor</td>
<td>B</td>
</tr>
<tr>
<td>Lillian G. Oertel</td>
<td>Assistant Professor</td>
<td>BY</td>
</tr>
<tr>
<td>Wilma J. Phipps</td>
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<td>BY</td>
</tr>
<tr>
<td>Helen O. Ackert</td>
<td>Instructor</td>
<td>DY</td>
</tr>
<tr>
<td>Zena S. Blau</td>
<td>Instructor</td>
<td>D</td>
</tr>
<tr>
<td>Doris Molbo</td>
<td>Instructor</td>
<td>DY</td>
</tr>
<tr>
<td>Jane K. Niles</td>
<td>Instructor</td>
<td>DY</td>
</tr>
<tr>
<td>Aline O. Young</td>
<td>Instructor</td>
<td>DY</td>
</tr>
<tr>
<td>Aline C. Sherratt</td>
<td>Instructor</td>
<td>DY</td>
</tr>
<tr>
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<td>Helen O. Ackert</td>
<td>Instructor</td>
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<td>Zena S. Blau</td>
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<td>Doris Molbo</td>
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<td>Jane K. Niles</td>
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<td>Aline C. Sherratt</td>
<td>Instructor</td>
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Nonacademic Salaries

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Total Salaries</td>
<td>(155,135)</td>
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<tr>
<td>Wages</td>
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<td>Expense</td>
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<td>Total, Wages, Expense, and Equipment</td>
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**Cooperative Investigations**

Trust — U.S. Public Health Service 2M 6434

Account Number 55-91-10

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<tr>
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<tr>
<td>Rachel Bliss</td>
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**BROADCASTING**

Account Number 05-22-05

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<td>Wages</td>
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**DIVISION OF SERVICES FOR CRIPPLED CHILDREN**

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<tr>
<th>General</th>
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<tr>
<td>Extension and Public Services</td>
<td>$343,100</td>
<td>$1,308,220</td>
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<tr>
<td>State</td>
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<td>Total, General</td>
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<td>$1,308,220</td>
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Restricted

<table>
<thead>
<tr>
<th></th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Federal</td>
<td>$314 520</td>
<td>$217 480</td>
<td>$532 000</td>
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<tr>
<td>Estimated Private Gifts</td>
<td>50 000</td>
<td>50 000</td>
<td>50 000</td>
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<tr>
<td><strong>Total, Restricted</strong></td>
<td>$314 520</td>
<td>$267 480</td>
<td>$582 000</td>
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State

Account Number 05-23-05

1. [Name], Director
   - BY $17 000

2. Edward F. Lis, Associate Professor of Pediatrics
   - ZAY73 $11 000
   - (Total Salary) $15 000

Nonacademic Salaries, General

- 290 560

Nonacademic Salaries, Business Office

- 24 540

**Total, Salaries**

- (343 100)

Wages

- 2 200

Expense

- 1 302 020

Equipment

- 4 000

**Total, Wages, Expense, and Equipment**

- (1 338 220)

**Total, State**

- $1 651 320

Federal

Account Number 55-93-05

1. [Name], Associate Director
   - DY $11 000

2. Samuel Pruzansky, Associate Director and Orthopaedic Dentist in the Cleft Palate Center
   - ZDY75 $9 000
   - (Total Salary) $16 300

3. Emmanuel M. Skolnik, Otolaryngologist
   - ZDY20 $2 000
   - (Total Salary) $6 900

4. John W. Curtin, Plastic Surgeon
   - ZDY30 $2 400

5. Charles R. Elliott, Speech Pathologist
   - ZBY $8 900

6. Constance Fraser, Instructor
   - ZDY50 $3 500
   - (Total Salary) $7 350

7. Luis Trevino, Pediatrician
   - ZDY40 $2 950
   - (Total Salary) $7 350

Nonacademic Salaries, General

- 264 270

Nonacademic Salaries, Business Office

- 10 500

**Total, Salaries**

- (314 520)

Wages

- 2 000

Expense

- 212 480

Equipment

- 3 000

**Total, Wages, Expense, and Equipment**

- (4 200)

**Total, Federal**

- $532 000

PHYSICAL EDUCATION

Physical Education for Men

Account Number 05-24-05

1. John W. Brown, Assistant Professor
   - BY $8 100

Nonacademic Salaries

- 4 590

**Total, Salaries**

- (12 690)

Wages

- 1 700

Expense

- 2 150

Equipment

- 350

**Total, Wages, Expense, and Equipment**

- (4 200)

**Total, Physical Education for Men**

- $16 890

AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY

Account Number 05-25-05

1. John P. Marbarger, Director of Research
   - ZBY $16 000

2. Victor Guillemim, Biophysicist
   - ZBY $12 800

3. Sabath F. Marotta, Research Associate
   - ZDY $7 800

4. [Name], Research Assistant
   - DY $6 000
### UNIVERSITY OF ILLINOIS

Nonacademic Salaries ........................................... 30,060
Total, Salaries .................................................. (72,660)
Wages .............................................................. 2,000
Expense, General .............................................. 12,650
Expense, Electron Microscope ................................ 1,900
Equipment .......................................................... 2,250
Total, Wages, Expense, and Equipment .................. (18,800)
Total, Aeromedical and Physical Environment Laboratory .... (18,800)

### INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Sol Roy Rosenthal, Director .......................... ZBY70 $11,200
2. Tatsuichiro Hashimoto, Research Associate ........... DY 7,500
3. Alonzo Kenniebrew, Research Assistant ............... DY 5,040

Nonacademic Salaries ........................................... 31,050
Total, Salaries .................................................. (54,790)

Wages .............................................................. 1,460
Expense ............................................................ 14,600
Equipment .......................................................... 300
Total, Wages, Expense, and Equipment .................. (18,800)
Total, Institution for Tuberculosis Research ........ $71,150

### RESEARCH AND EDUCATIONAL HOSPITALS

#### General

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<thead>
<tr>
<th>Organized Activities Relating to Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<td>Administration .................................</td>
<td>$145,290</td>
<td>$58,297</td>
<td>$203,587</td>
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<td>Admissions .......................................</td>
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<td>68,004</td>
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<td>9,120</td>
<td>45,100</td>
<td>54,220</td>
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<td>Central Supply ..................................</td>
<td>7,132</td>
<td>72,860</td>
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<td>Clinics .........................................</td>
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<td>47,600</td>
<td>314,320</td>
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<td>Dietetics .......................................</td>
<td>105,980</td>
<td>622,670</td>
<td>728,650</td>
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<td>Emergency Service ..............................</td>
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<td>31,420</td>
<td>84,730</td>
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<td>House Staff ......................................</td>
<td>335,300</td>
<td>335,300</td>
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<tr>
<td>Laboratory ......................................</td>
<td>222,732</td>
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<td>317,955</td>
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<td>Linen Service ..................................</td>
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<td>Medical Records ................................</td>
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<td>Nurses Residence ................................</td>
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<td>132,830</td>
<td>324,362</td>
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<td>Orthopaedic Brace Shop .......................</td>
<td>7,920</td>
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<td>Pathology ....................................</td>
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<td>Physical Medicine and Rehabilitation .......</td>
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<td>10,044</td>
<td>95,114</td>
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<td>Radiology .....................................</td>
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<td>271,822</td>
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<td>Ward Equipment ..................................</td>
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Total, General ........................................ $3,064,240 $2,788,328 $5,852,568

#### Restricted

<table>
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<tr>
<th>Organized Activities Relating to Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<tbody>
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<td>Blood Bank Revolving ...........................</td>
<td>$7,000</td>
<td>$40,000</td>
<td>$40,000</td>
</tr>
<tr>
<td>Brace Shop Revolving ...........................</td>
<td>$7,000</td>
<td>1,500</td>
<td>8,500</td>
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<tr>
<td>Respiratory Center Revolving ..................</td>
<td>70,932</td>
<td>38,305</td>
<td>109,237</td>
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<tr>
<td>Ophthalmology Revolving ......................</td>
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<td>54,000</td>
<td>80,350</td>
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<td>Estimated Private Gifts ......................</td>
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<td>4,000</td>
<td>18,000</td>
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Total, Restricted ........................................ $118,282 $137,805 $256,087

### Administration

Account Number 05-27-05

1. Donald J. Caseley, Medical Director .................. ZBY $23,500
2. Myron C. Benford, Associate Medical Director ...... ZDY ....
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<th>Account Number</th>
<th>Director/Head</th>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
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<td>$57,504</td>
<td>4,800</td>
<td>5,200</td>
<td>9,000</td>
<td>$68,804</td>
<td>$68,804</td>
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<td>05-27-12</td>
<td>I. Warren H. Cole</td>
<td>$9,120</td>
<td>$9,120</td>
<td>1,000</td>
<td>4,500</td>
<td>2,000</td>
<td>$15,620</td>
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<td>05-27-15</td>
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<td>$72,132</td>
<td>1,800</td>
<td>69,000</td>
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<td>$144,932</td>
<td>$144,932</td>
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<td>05-27-20</td>
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<td>$11,250</td>
<td>1,400</td>
<td>7,850</td>
<td>7,850</td>
<td>$27,550</td>
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\[ \text{Total, Administration} = 203,587 \]

\[ \text{Total, Admissions} = 68,804 \]

\[ \text{Total, Anesthesiology} = 54,220 \]

\[ \text{Total, Central Supply} = 144,932 \]

\[ \text{Total, Clinics} = 314,320 \]
Dietetics

Account Number 05-27-25

Nonacademic Salaries .............................................. $105,980

Total, Salaries ........................................... (105,980)

Wages .......................................................... 315,050

Expense .......................................................... 302,620

Equipment .......................................................... 5,000

Total, Wages, Expense, and Equipment ......................... (622,670)

Total, Dietetics .................................................. $728,050

Emergency Service

Account Number 05-27-27

1. John H. Schneewind, Chief ...................................... ZBY

Nonacademic Salaries .............................................. $53,310

Total, Salaries ............................................. (53,310)

Wages .......................................................... 18,420

Expense .......................................................... 12,000

Equipment .......................................................... 1,000

Total, Wages, Expense, and Equipment ......................... (31,420)

Total, Emergency Service ..................................... $84,730

House Staff

Account Number 05-27-28

Wages, Hospital

39 First-year Residents ............................................. (18,252)

(Perquisites Employee — board) ................................ .. 57,720

26 Second-year Residents ........................................... (12,168)

(Perquisites Employee — board) ................................ .. 47,020

19 Third-year Residents ........................................... (8,802)

(Perquisites Employee — board) ................................ .. 40,460

9 Fourth-year Residents ........................................... (4,212)

(Perquisites Employee — board) ................................ .. 36,480

9 Third-year Residents ........................................... (1,702)

(Perquisites University — room and board) ................. 12,480

Wages, Illinois Eye and Ear Infirmary

12 First-year Residents ............................................. (5,616)

(Perquisites Employee — board) ................................ .. 22,740

14 Second-year Residents ........................................... (6,552)

(Perquisites Employee — board) ................................ .. 29,730

4 Third-year Residents ........................................... (1,702)

(Perquisites Employee — board) ................................ .. 10,220

(Perquisites Employee — board) ................................ .. 1,702

Expense .......................................................... 22,480

Housing, Female Staff ............................................ 2,520

Equipment .......................................................... 1,000

Total, House Staff ................................................ $335,300

Laboratory

Account Number 05-27-30

1. John B. Fuller, Director ......................................... ZBY

2. Donald R. Russ, Associate Director ............................ ZBY

3. S. A. Levinson, Consultant ..................................... ZAY

4. Esther L. Cheatle, Assistant Director ......................... ZBY

Nonacademic Salaries .............................................. $222,732

Total, Salaries ............................................. (222,732)

Wages .......................................................... 29,223

Expense .......................................................... 62,000

Equipment .......................................................... 4,000

Total, Wages, Expense, and Equipment ......................... (95,223)

Total, Laboratory ................................................ $317,955
**Blood Bank Revolving**

Account Number 07-27-10

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<th>Wages</th>
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<th>Total, Blood Bank Revolving</th>
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**Linen Service**

Account Number 05-27-35

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<table>
<thead>
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<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>4,000</td>
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| Total, Linen Service | $147,160 |

**Medical Records**

Account Number 05-27-40

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<th>Total, Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>6,180</td>
<td>36,000</td>
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| Total, Medical Records | $185,230 |

**General**

Account Number 05-27-45

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<th>Helen W. Dunn, Director</th>
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<table>
<thead>
<tr>
<th>Nonacademic Salaries, Illinois Eye and Ear Infirmary</th>
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<table>
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<td>461,708</td>
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| Total, General | $2,249,524 |

**Nurses' Residence**

Account Number 05-27-50

<table>
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<tr>
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<table>
<thead>
<tr>
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<th>Expense, Housing Nurses</th>
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<tr>
<td>2,000</td>
<td>3,780</td>
<td>1,000</td>
<td>(6,780)</td>
</tr>
</tbody>
</table>

| Total, Nurses' Residence | $14,730 |

**Operating and Recovery Rooms**

Account Number 05-27-55

<table>
<thead>
<tr>
<th>Warren H. Cole, Surgeon-in-Chief</th>
<th>ZAY</th>
<th>$191,532</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(191,532)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>47,080</td>
<td>82,750</td>
<td>3,000</td>
<td>(132,830)</td>
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</table>

| Total, Operating and Recovery Rooms | $324,302 |


Orthopaedic Brace Shop

<table>
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<tr>
<th>Account Number 05-27-60</th>
<th>Nonacademic Salaries</th>
<th>$7,020</th>
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<tbody>
<tr>
<td>Total, Salaries</td>
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<td>(7,020)</td>
</tr>
<tr>
<td>Wages</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Expense</td>
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<td>Equipment</td>
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<td>Total, Wages, Expense, and Equipment</td>
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<td>Total, Orthopaedic Brace Shop</td>
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Brace Shop Revolving

<table>
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<tr>
<th>Account Number 07-27-05</th>
<th>Nonacademic Salaries</th>
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<tr>
<td>Total, Salaries</td>
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<tr>
<td>Expense</td>
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Pathology

<table>
<thead>
<tr>
<th>Account Number 05-27-65</th>
<th>Nonacademic Salaries</th>
<th>$55,278</th>
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<td>Total, Salaries</td>
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<tr>
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Patient Drugs

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<th>Account Number 05-27-70</th>
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<td>Total, Patient Drugs</td>
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Physical Medicine and Rehabilitation

<table>
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<th>Account Number 05-27-75</th>
<th>Nonacademic Salaries</th>
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Radiology

<table>
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<tr>
<th>Account Number 05-27-80</th>
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<td>Expense</td>
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<td></td>
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<tr>
<td>Equipment</td>
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<tr>
<td>Total, Wages, Expense, and Equipment</td>
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<tr>
<td>Total, Radiology</td>
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</table>
Nonacademic Salaries .......................................................... $127,422
Total, Salaries ........................................................................ (127,422)
Wages ...................................................................................... 32,400
Expense .................................................................................... 106,000
Equipment ................................................................................ 6,000
Total, Wages, Expense, and Equipment .................................. (144,400)
Total, Radiology ........................................................................ $271,822

Respiratory Center Revolving

Account Number 07-27-25
1. Mark H. Lepper, Consulting Director ................................. ZAY
2. George A. Saxton, Director of Research with rank of Associate Professor ................................. ZDY
Nonacademic Salaries ................................................................ $70,932
Total, Salaries ........................................................................ (70,932)
Wages ...................................................................................... 37,105
Wages, Res. Dent. Os. Cl. ....................................................... 1,200
Total, Wages, Expense, and Equipment .................................. (38,305)
Total, Respiratory Center Revolving ....................................... $109,237

Ward Equipment

Account Number 05-27-90
Expense .................................................................................... 15,000
Equipment ................................................................................ 25,000
Total, Ward Equipment ......................................................... $40,000

Ophthalmology Revolving

Account Number 07-27-15
1. P. C. Kronfeld, Ophthalmologist-in-Chief, Illinois Eye and Ear Infirmary ................................. ZAY
Nonacademic Salaries ................................................................ $26,350
Total, Ophthalmology Revolving ............................................ $80,350

LIBRARY

Account Number 05-33-05
1. Wilma Troxel, Librarian ......................................................... BY
   Professor of Library Administration ................................. AY
   Nonacademic Salaries ................................................................ $11,000
2. Lorena Clarke, Catalog Librarian with rank of Assistant Professor ........................................... BY
3. Margaret M. Bates, Assistant Librarian, Emerita ................................................ R
4. Mary J. Campbell, Acquisition Librarian with rank of Assistant Professor ................................. BY
5. Charles Z. Hughes, Serials Librarian with rank of Instructor ..................................................... DY
6. Martha Kona, Cataloger with rank of Instructor ............................................................ DY
7. Aletha Kowitz, Circulation and Reference Assistant with rank of Instructor ............................. DY
8. Clara L. Meckel, Circulation and Reference Librarian with rank of Instructor ............................. DY
9. Dorothea M. Wheeler, Pharmacy Reference Librarian with rank of Instructor .......................... G
   (On disability leave without pay — University Retirement System)
Nonacademic Salaries ................................................................ $27,600
Total, Salaries ........................................................................ (28,540)
Wages ...................................................................................... 5,000
Expense .................................................................................... 3,500
Equipment ................................................................................ 2,100
Library Additions ..................................................................... 45,000
Total, Wages, Expense, and Equipment ................................. (35,600)
Total, Library ............................................................................ $134,140
## PHYSICAL PLANT

### General

<table>
<thead>
<tr>
<th>Description</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$114 168</td>
<td>$19 930</td>
<td>$134 098</td>
</tr>
<tr>
<td>Building Operation</td>
<td>32 720</td>
<td>601 136</td>
<td>633 856</td>
</tr>
<tr>
<td>Police and Watchmen</td>
<td>8 600</td>
<td>117 368</td>
<td>125 968</td>
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<tr>
<td>Building Maintenance</td>
<td>67 499</td>
<td>530 656</td>
<td>598 155</td>
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<tr>
<td>Grounds Maintenance</td>
<td>7 700</td>
<td>63 020</td>
<td>70 720</td>
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<tr>
<td>Heat, Light, and Power</td>
<td>9 360</td>
<td>753 056</td>
<td>762 416</td>
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<tr>
<td>Union Building</td>
<td></td>
<td>15 590</td>
<td>15 590</td>
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<tr>
<td>Medical Center Steam Plant</td>
<td></td>
<td>458 077</td>
<td>458 077</td>
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<tr>
<td><strong>Total, General</strong></td>
<td>$240 047</td>
<td>$2 558 833</td>
<td>$2 798 880</td>
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### Restricted

<table>
<thead>
<tr>
<th>Description</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Second Unit of Dentistry-Medicine-Pharmacy Building</td>
<td></td>
<td>$255 000</td>
<td>$255 000</td>
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#### Auxiliary Enterprises

<table>
<thead>
<tr>
<th>Description</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Chicago Union Building Operation</td>
<td>$11 721</td>
<td>14 459</td>
<td>26 180</td>
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<tr>
<td>Illini Union Food Service</td>
<td>13 191</td>
<td>160 026</td>
<td>173 217</td>
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<tr>
<td>Tenant Properties</td>
<td></td>
<td>10 618</td>
<td>10 618</td>
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<tr>
<td>Hospital Addition Snack Bar</td>
<td>2 760</td>
<td>87 083</td>
<td>89 843</td>
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<tr>
<td>Staff Apartments</td>
<td></td>
<td>115 698</td>
<td>115 698</td>
</tr>
<tr>
<td>Student Residence Hall</td>
<td>31 730</td>
<td>403 714</td>
<td>435 444</td>
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<tr>
<td>Tenant Properties</td>
<td></td>
<td>18 407</td>
<td>18 407</td>
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<td><strong>Total, Auxiliary Enterprises</strong></td>
<td>(59 402)</td>
<td>(850 005)</td>
<td>(909 407)</td>
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<tr>
<td><strong>Total, Restricted</strong></td>
<td>$59 402</td>
<td>$1 105 005</td>
<td>$1 164 407</td>
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</table>

### Administration

<table>
<thead>
<tr>
<th>Description</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. H. W. Pearce, Associate Director</td>
<td>ZDY</td>
<td>$15 250</td>
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<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>98 018</td>
<td></td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
<td>(114 168)</td>
<td></td>
</tr>
<tr>
<td>Wages</td>
<td></td>
<td>920</td>
<td></td>
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<tr>
<td>Expense</td>
<td></td>
<td>17 400</td>
<td></td>
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<tr>
<td>Equipment</td>
<td></td>
<td>1 610</td>
<td></td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(19 030)</td>
<td></td>
</tr>
<tr>
<td><strong>Total, Administration</strong></td>
<td></td>
<td>$134 098</td>
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</tr>
</tbody>
</table>

### Building Operation

<table>
<thead>
<tr>
<th>Description</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>$32 720</td>
<td></td>
</tr>
<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
<td>(32 720)</td>
<td></td>
</tr>
<tr>
<td>Wages</td>
<td></td>
<td>557 343</td>
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<tr>
<td>Expense</td>
<td></td>
<td>40 813</td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td></td>
<td>3 000</td>
<td></td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(601 136)</td>
<td></td>
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<tr>
<td><strong>Total, Building Operation</strong></td>
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<td>$633 856</td>
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</table>

### Police and Watchmen

<table>
<thead>
<tr>
<th>Description</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonacademic Salaries</td>
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<td>$8 600</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
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</tr>
<tr>
<td>Wages</td>
<td></td>
<td>108 880</td>
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<tr>
<td>Expense</td>
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<td>8 238</td>
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<td>Equipment</td>
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<td>250</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(117 358)</td>
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<tr>
<td><strong>Total, Police and Watchmen</strong></td>
<td></td>
<td>$125 968</td>
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</tbody>
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Building Maintenance

Account Number 05-36-08
Nonacademic Salaries ........................................... $67,490
Total, Salaries ................................................. (67,490)
Wages, General .................................................. 330,168
Wages, Renewals and Replacements .......................... 104,015
Expense, General .................................................. 44,830
Expense, Renewals and Replacements ....................... 49,658
Equipment .......................................................... 1,976
Total, Wages, Expense, and Equipment ..................... (530,696)
Total, Building Maintenance ................................ $598,135

Grounds Maintenance

Account Number 05-36-60
Nonacademic Salaries ........................................... $7,790
Total, Salaries ................................................. (7,790)
Wages ............................................................... 55,249
Expense .............................................................. 7,221
Equipment .......................................................... 550
Total, Wages, Expense, and Equipment ..................... (63,020)
Total, Grounds Maintenance ................................ $70,720

Heat, Light, and Power

Account Number 05-36-65
Nonacademic Salaries ........................................... $9,360
Total, Salaries ................................................. (9,360)
Wages ............................................................... 254,625
Expense .............................................................. 407,556
Equipment .......................................................... 875
Total, Wages, Expense, and Equipment ..................... (753,056)
Total, Heat, Light, and Power ................................ $752,416

Chicago Illini Union Building

Account Number 05-36-75
Food Service ....................................................... $9,290
Use of Facilities ................................................... 6,300
Total, Chicago Illini Union Building ......................... $15,590

Second Unit of Dentistry-Medicine-Pharmacy Building

Account Number 05-36-80
Wages ............................................................... $110,490
Expense ............................................................. 35,010
Debt Service ........................................................ 100,000
Total, Second Unit of Dentistry-Medicine-Pharmacy Building $255,000

Medical Center Steam Plant

Account Number 05-36-85
Expense ............................................................. $458,077
Total, Medical Center Steam Plant ............................ $458,077

Auxiliary Enterprises

Chicago Illini Union Building Operation
Account Number 15-15-15
Nonacademic Salaries ........................................... $11,721
Total, Salaries ................................................. (11,721)
Wages ............................................................... 5,337
Expense .............................................................. 9,122
Total, Wages, Expense, and Equipment ..................... (14,459)
Total, Chicago Illini Union Building Operation .......... $26,180
Chicago Illini Union Food Service
Account Number 15-15-16
Nonacademic Salaries .................................. $ 13,191
Total, Salaries ........................................... $21,191
Wages ......................................................... 60,328
Expense ....................................................... 69,695
Total, Wages, Expense, and Equipment ................... (100,026)
Total, Chicago Illini Union Food Service ............... $173,217

Trust — Housing Division Administration
Account Number 62-10-10
I. F. C. Dalla, Director of Chicago Housing Division ... ZDY
Nonacademic Salaries .................................. $10,300
Total, Salaries ........................................... $22,320
Wages ......................................................... (32,620)
Expense ....................................................... (190)
Total, Wages, Expense, and Equipment ................... (4,335)
Total, Trust — Housing Division Administration ....... $(37,145)

Trust — Staff Apartments
Account Number 62-10-11
Wages ......................................................... $10,675
Expense ....................................................... 145,023
Total, Trust — Staff Apartments ......................... $155,698

Trust — Student Residence Hall
Account Number 62-10-12
1. 1.00 Full Time Equivalent Assistants .................... G
Nonacademic Salaries .................................. $4,000
Total, Salaries ........................................... $27,730
Wages ......................................................... (31,730)
Expense ....................................................... 283,413
Total, Wages, Expense, and Equipment ................... (403,714)
Total, Trust — Student Residence Hall ................... $435,444

Trust — Tenant Properties
Account Number 62-10-13
Expense ....................................................... $18,407
Total, Trust — Tenant Properties ......................... $18,407

Tenant Properties
Account Number 15-15-05
Expense ....................................................... $10,618
Total, Tenant Properties ................................ $10,618

Hospital Addition Snack Bar
Account Number 15-15-10
Nonacademic Salaries .................................. $2,760
Total, Salaries ........................................... (2,760)
Wages ......................................................... 34,887
Expense ....................................................... 52,106
Total, Wages, Expense, and Equipment ................... (87,083)
Total, Hospital Addition Snack Bar ....................... $89,843

STUDENT AID
Restricted

<table>
<thead>
<tr>
<th>Salaries</th>
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<tbody>
<tr>
<td>Estimated Endowment Income</td>
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</tr>
<tr>
<td>Estimated Private Gifts</td>
<td>8,000</td>
<td>8,000</td>
</tr>
<tr>
<td>Estimated U.S. Contracts</td>
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<td>37,000</td>
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<td>----------</td>
<td>------------------------------</td>
</tr>
<tr>
<td><strong>Administration and General</strong></td>
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<td></td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>1,200</td>
<td>65,700</td>
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<tr>
<td>Engineering</td>
<td>511,458</td>
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<tr>
<td>Commerce and Business Administration</td>
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<tr>
<td>Physical Education</td>
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<tr>
<td>Armed Forces</td>
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<td>2,960</td>
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<tr>
<td>Summer Session</td>
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<tr>
<td><strong>Total, Instruction</strong></td>
<td>(2,136,978)</td>
<td>(137,410)</td>
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<tr>
<td>Library</td>
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<td>Physical Plant</td>
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<tr>
<td><strong>Total, General</strong></td>
<td><strong>$2,750,249</strong></td>
<td><strong>$1,158,718</strong></td>
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**Restricted**

<table>
<thead>
<tr>
<th>Category</th>
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<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Administration and General</strong></td>
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<tr>
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<td>Physical Education</td>
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<td><strong>Total, Restricted</strong></td>
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**ADMINISTRATION AND GENERAL**

<table>
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<tbody>
<tr>
<td>Dean's Office</td>
<td>39,300</td>
<td>34,700</td>
<td>74,000</td>
</tr>
<tr>
<td>Business Office</td>
<td>62,370</td>
<td>9,800</td>
<td>72,170</td>
</tr>
<tr>
<td>Admissions and Records</td>
<td>92,420</td>
<td>43,900</td>
<td>136,320</td>
</tr>
<tr>
<td>Nonacademic Personnel</td>
<td>15,400</td>
<td>3,650</td>
<td>19,050</td>
</tr>
<tr>
<td>Dean of Students</td>
<td>37,560</td>
<td>4,860</td>
<td>42,420</td>
</tr>
<tr>
<td>Health Service</td>
<td>62,200</td>
<td>5,850</td>
<td>68,050</td>
</tr>
<tr>
<td>Public Information</td>
<td>9,750</td>
<td>5,200</td>
<td>14,950</td>
</tr>
<tr>
<td><strong>Total, General</strong></td>
<td><strong>$434,900</strong></td>
<td><strong>$123,700</strong></td>
<td><strong>$558,600</strong></td>
</tr>
</tbody>
</table>

**Restricted**

<table>
<thead>
<tr>
<th>Category</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Estimated Indirect Costs</td>
<td>720</td>
<td>2,500</td>
<td>3,220</td>
</tr>
<tr>
<td>Bookstore</td>
<td>47,350</td>
<td>215,500</td>
<td>262,850</td>
</tr>
<tr>
<td>Student Activities</td>
<td>16,600</td>
<td>16,600</td>
<td>16,600</td>
</tr>
<tr>
<td>Student Hospital and Medical Services</td>
<td>6,000</td>
<td>6,000</td>
<td>6,000</td>
</tr>
<tr>
<td><strong>Total, Auxiliary Enterprises</strong></td>
<td>(56,410)</td>
<td>(294,300)</td>
<td>(350,710)</td>
</tr>
<tr>
<td><strong>Total, Restricted</strong></td>
<td><strong>$57,130</strong></td>
<td><strong>$296,800</strong></td>
<td><strong>$353,930</strong></td>
</tr>
</tbody>
</table>

**Dean's Office**

Account Number 70-05-05

1. C. C. Caveny, Executive Dean...................... BY

With rank of Professor.......................... AV

$17,000
2. Harold N. Cooley, Assistant Dean. BY $11,500

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(10,800)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Wages</th>
<th>$210</th>
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<tbody>
<tr>
<td>Expense</td>
<td>$1,280</td>
</tr>
<tr>
<td>Expense, General Publications</td>
<td>$11,000</td>
</tr>
<tr>
<td>Contingent</td>
<td>$10,000</td>
</tr>
<tr>
<td>Nonrecurring Unassigned</td>
<td>$5,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>$600</td>
</tr>
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</table>

**Total, Wages, Expense, and Equipment** (34,700)

**Total, Dean's Office** $74,000

---

**Student Counseling Service**

Account Number 70-05-10

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Paul C. Greene, Director</td>
<td>$12,400</td>
</tr>
<tr>
<td>2. Kenneth W. Eells, Assistant Director</td>
<td>$11,000</td>
</tr>
<tr>
<td>3. Harold Klehr, Assistant Director</td>
<td>$11,000</td>
</tr>
<tr>
<td>4. Jean H. Baer, Counselor</td>
<td>$9,000</td>
</tr>
<tr>
<td>5. Louis A. Berman, Counselor</td>
<td>$7,000</td>
</tr>
<tr>
<td>6. Lucy C. Zaccaria, Counselor</td>
<td>$7,000</td>
</tr>
<tr>
<td>7. James W. Creaser, Counselor</td>
<td>$6,400</td>
</tr>
<tr>
<td>8. Daniel L. Heftel, Counselor</td>
<td>$5,600</td>
</tr>
<tr>
<td>9. Laurette A. Kirstein, Counselor</td>
<td>$1,700</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>$6,700</td>
</tr>
<tr>
<td>10. Robert L. Miller, Counselor</td>
<td>$1,500</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>$6,000</td>
</tr>
<tr>
<td>11. ________________, Counselor</td>
<td>$8,200</td>
</tr>
<tr>
<td>12. ________________, Counselor</td>
<td>$1,850</td>
</tr>
<tr>
<td>13. Marie L. Johnson, Psychometrist</td>
<td>$5,400</td>
</tr>
<tr>
<td>14. ________________, Assistant Psychometrist</td>
<td>$4,800</td>
</tr>
<tr>
<td>15. Summer Session Salaries</td>
<td>$3,490</td>
</tr>
</tbody>
</table>

**Total, Wages, Expense, and Equipment** (115,900)

**Total, Student Counseling Service** $132,900

---

**Business Office**

Account Number 70-05-15

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. H. A. Hazleton, Business Manager of Chicago Colleges and Divisions</td>
<td>$62,370</td>
</tr>
<tr>
<td>Nonacademic Salaries</td>
<td>$62,370</td>
</tr>
<tr>
<td>Total, Salaries</td>
<td>$62,370</td>
</tr>
<tr>
<td>Wages</td>
<td>$2,500</td>
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<tr>
<td>Expense</td>
<td>$6,300</td>
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<tr>
<td>Convention Travel</td>
<td>$360</td>
</tr>
<tr>
<td>Equipment</td>
<td>$1,200</td>
</tr>
</tbody>
</table>

**Total, Wages, Expense, and Equipment** (62,370)

**Total, Business Office** $72,170

---

**Auxiliary — Bookstore**

Account Number 75-15-20

<table>
<thead>
<tr>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonacademic Salaries</td>
<td>$47,350</td>
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<tr>
<td>Total, Salaries</td>
<td>$47,350</td>
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<tr>
<td>Wages</td>
<td>$4,350</td>
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<tr>
<td>Expense</td>
<td>$4,350</td>
</tr>
<tr>
<td>Equipment</td>
<td>$1,000</td>
</tr>
</tbody>
</table>

**Total, Wages, Expense, and Equipment** (215,800)

**Total, Auxiliary — Bookstore** $262,850
Veterans' Certification
Account Number 88-05-15
Nonacademic Salaries ........................................ $ 720
Expense ................................................................ $ 2 500
Total, Veterans' Certificate ................................ $ 3 220

Admissions and Records
Account Number 70-05-20
1. Harold E. Temmer, Associate Dean .................. DY $ 12 440
Nonacademic Salaries ........................................ 79 980
Total, Salaries ...................................................... (92 420)
Wages ................................................................. 9 900
Expense ................................................................ 32 800
Equipment ............................................................ 300
Total, Wages, Expense, and Equipment ................. (43 000)
Total, Admissions and Records ............................... $135 420

Nonacademic Personnel
Account Number 70-05-25
Nonacademic Salaries ........................................ 15 400
Total, Salaries ...................................................... (15 400)
Wages ................................................................. 300
Expense ................................................................ 3 350
Total, Wages, Expense, and Equipment ................. (3 650)
Total, Nonacademic Personnel ............................... $19 050

Dean of Students
Account Number 70-05-30
1. W. O. Brown, Associate Dean ......................... BY $ 12 000
2. Agnes G. Tandberg, Dean of Women ................ BY $ 9 500
3. Merton S. Zahrt, Assistant to the Dean of Students ZBY4 $ 3 550
(Total Salary) ...................................................... (8 050)
Nonacademic Salaries ........................................ 12 510
Total, Salaries ...................................................... (37 560)
Wages ................................................................. 1 450
Expense ................................................................ 3 150
Equipment ............................................................ 200
Total, Wages, Expense, and Equipment ................. (4 800)
Total, Dean of Students ................................. $ 42 360

Auxiliary — Student Activities
Account Number 75-15-15
Expense ................................................................. $16 600
Total, Auxiliary — Student Activities .............................. $16 600

Auxiliary — Faculty Committee Student Activities Bookstore
Account Number 75-15-16
Expense ................................................................. $ 6 000
Total, Auxiliary — Faculty Committee Student Activities Bookstore $ 6 000

Auxiliary — Student Hospital and Medical Services
Account Number 75-15-30
1. Merton S. Zahrt, Assistant to Dean of Students ZBY56 $ 4 500
(Total Salary) ...................................................... (8 050)
Nonacademic Salaries ........................................ 4 500
Total, Salaries ...................................................... (9 050)
Expense ................................................................. 1 200
Premiums ............................................................. 55 000
Total, Wages, Expense, and Equipment ................... (56 200)
Total, Auxiliary — Student Hospital and Medical Services $ 65 260
Health Service

Account Number 70-05-35

1. H. Gordon Reid, Director................................. BY1
   Associate Professor of Hygiene........................ AY
   $12,500

2. Helen M. Kostka, Medical Adviser for Women, and
   Associate Professor of Hygiene........................ AY
   $11,000

3. Gloria Hilker, Assistant Professor of Hygiene........... BY50
   $5,250

4. Fred Madenburg, Medical Adviser for Men, and Assistant
   Professor of Hygiene.................................. BY50
   $5,250

5. Glendon E. Rayson, Medical Adviser for Men, and Assistant
   Professor of Hygiene.................................. DY50
   $5,250

6. Harold W. Spies, Instructor in Hygiene.................. DY25
   $1,800

7. , Instructor in Hygiene................................. DY60
   $3,550

Nonacademic Salaries ........................................ 17,600
Total, Wages .................................................. (62,200)
Expense ....................................................... 4,500
Equipment ..................................................... 500
Total, Wages, Expense, and Equipment........................... (68,050)
Total, Health Service ........................................ $68,050

Public Information

Account Number 70-05-45

1. John H. Worthington, Chicago Manager of Public Information.... ZDY
   $9,750
Nonacademic Salaries ........................................ (9,750)
Total, Wages .................................................. 1,600
Expense ....................................................... 3,400
Equipment ..................................................... 200
Total, Wages, Expense, and Equipment........................... (5,200)
Total, Public Information ..................................... $14,950

LIBERAL ARTS AND SCIENCES

General

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Administration</td>
<td>$33,380</td>
<td>$8,650</td>
<td>$42,030</td>
</tr>
<tr>
<td>Biological Sciences</td>
<td>$120,790</td>
<td>14,800</td>
<td>$135,590</td>
</tr>
<tr>
<td>Humanities</td>
<td>$450,440</td>
<td>6,400</td>
<td>$456,840</td>
</tr>
<tr>
<td>Mathematics</td>
<td>$191,200</td>
<td>1,800</td>
<td>$193,000</td>
</tr>
<tr>
<td>Physical Sciences</td>
<td>$234,200</td>
<td>30,850</td>
<td>$265,050</td>
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<tr>
<td>Social Sciences</td>
<td>$170,320</td>
<td>3,200</td>
<td>$173,520</td>
</tr>
</tbody>
</table>

Total, General..................................................................... $1,200,330

$850,700 $1,266,030

Administration

Account Number 70-10-05

1. H. W. Bailey, Associate Dean................................. ZBY
   $15,250

2. W. C. Jackman, Assistant Dean (Total Salary)............... ZBY50
   $8,500

3. Ellis B. Little, Assistant Dean (Total Salary)............. ZBY50
   $4,700

Nonacademic Salaries ........................................ 8,430
Total, Salaries .................................................. (33,380)
Wages ......................................................... 6,500
Expense ....................................................... 4,140
Convention Travel ............................................... 3,360
Equipment ..................................................... 500
Total, Wages, Expense, and Equipment........................... (8,650)
Total, Administration ........................................... $42,030
### Biological Sciences

Account Number 70-10-10

<table>
<thead>
<tr>
<th>Account Number 70-10-10</th>
<th>Name and Position</th>
<th>Salary ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Max C. Shank, Associate Professor</td>
<td>Chairman of Division</td>
<td>$9,000</td>
</tr>
<tr>
<td>2. William Sangster, Professor</td>
<td>A</td>
<td>9,000</td>
</tr>
<tr>
<td>3. Sidney F. Glassman, Associate Professor</td>
<td>A</td>
<td>7,900</td>
</tr>
<tr>
<td>4. Kenneth M. Madison, Associate Professor</td>
<td>A</td>
<td>8,600</td>
</tr>
<tr>
<td>5. Arthur D. Pickett, Associate Professor</td>
<td>A</td>
<td>8,900</td>
</tr>
<tr>
<td>6. A. S. Rouffa, Associate Professor</td>
<td>A</td>
<td>8,800</td>
</tr>
<tr>
<td>(On leave with one-half pay 1959-60)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Ellis B. Little, Assistant Professor</td>
<td>ZB50</td>
<td>3,600</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(8,300)</td>
</tr>
<tr>
<td>8. John T. Newell, Assistant Professor</td>
<td>B</td>
<td>6,900</td>
</tr>
<tr>
<td>9. Halina J. Presley, Assistant Professor</td>
<td>B</td>
<td>6,400</td>
</tr>
<tr>
<td>10. David Shomay, Assistant Professor</td>
<td>B</td>
<td>6,700</td>
</tr>
<tr>
<td>11. James A. Bond, Instructor</td>
<td>D</td>
<td>5,600</td>
</tr>
<tr>
<td>12. Catherine H. Claar, Instructor</td>
<td>D</td>
<td>4,800</td>
</tr>
<tr>
<td>13. Charles L. Scudder, Instructor</td>
<td>D</td>
<td>4,500</td>
</tr>
<tr>
<td>14. Charles N. Spirakus, Instructor</td>
<td>D</td>
<td>6,200</td>
</tr>
<tr>
<td>15. ————, Instructor</td>
<td>D</td>
<td>4,500</td>
</tr>
<tr>
<td>16. ————, Assistant</td>
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<td>4,600</td>
</tr>
<tr>
<td>17. ————, Assistant</td>
<td>E</td>
<td>4,200</td>
</tr>
</tbody>
</table>

#### Nonacademic Salaries

| Total, Salaries | $12,900 |
| Wages | 1,180 |
| Expense | 11,650 |
| Equipment | 3,600 |
| Total, Wages, Expense, and Equipment | $14,850 |
| Total, Biological Sciences | $135,500 |

### Humanities

Account Number 70-10-15

<table>
<thead>
<tr>
<th>Account Number 70-10-15</th>
<th>Name and Position</th>
<th>Salary ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. E. B. Vest, Professor of English and Head of Division of Humanities</td>
<td>A</td>
<td>$11,600</td>
</tr>
<tr>
<td>2. Wayne N. Thompson, Professor of Speech</td>
<td>A</td>
<td>9,600</td>
</tr>
<tr>
<td>(On leave with pay second semester 1959-60)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Hazel Vardaman, Professor of Foreign Languages</td>
<td>A</td>
<td>9,200</td>
</tr>
<tr>
<td>4. Arnold J. Hartoch, Associate Professor of Foreign Languages</td>
<td>A</td>
<td>7,800</td>
</tr>
<tr>
<td>5. Marie E. Lein, Associate Professor of Foreign Languages</td>
<td>A</td>
<td>7,600</td>
</tr>
<tr>
<td>6. Constance Nicholas, Associate Professor of English</td>
<td>A</td>
<td>7,600</td>
</tr>
<tr>
<td>7. Carl A. Pitt, Associate Professor of Speech</td>
<td>A</td>
<td>7,600</td>
</tr>
<tr>
<td>8. Jose Sanchez, Associate Professor of Foreign Languages</td>
<td>A</td>
<td>8,600</td>
</tr>
<tr>
<td>9. William M. Schuyler, Professor of Foreign Languages</td>
<td>A</td>
<td>9,000</td>
</tr>
<tr>
<td>10. Ernest S. Willner, Associate Professor of Foreign Languages</td>
<td>A</td>
<td>7,800</td>
</tr>
<tr>
<td>11. Jack D. Arnold, Assistant Professor of Speech</td>
<td>B</td>
<td>6,000</td>
</tr>
<tr>
<td>12. Irving D. Blum, Assistant Professor of English</td>
<td>B</td>
<td>7,200</td>
</tr>
<tr>
<td>13. Edwin R. Fissinger, Assistant Professor of Music</td>
<td>B</td>
<td>6,800</td>
</tr>
<tr>
<td>14. J. B. Fuller, Assistant Professor, Emeritus</td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>15. W. C. Jackman, Assistant Professor of English</td>
<td>ZB50</td>
<td>3,500</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(8,300)</td>
<td></td>
</tr>
<tr>
<td>16. Falk S. Johnson, Assistant Professor of English</td>
<td>B</td>
<td>7,800</td>
</tr>
<tr>
<td>17. John C. Johnson, Assistant Professor of English</td>
<td>B</td>
<td>6,400</td>
</tr>
<tr>
<td>18. Moreen Jordan, Assistant Professor of English</td>
<td>B</td>
<td>6,800</td>
</tr>
<tr>
<td>19. A. Karanikas, Assistant Professor of English</td>
<td>B</td>
<td>6,800</td>
</tr>
<tr>
<td>20. Robert Kauf, Assistant Professor of Foreign Languages</td>
<td>B</td>
<td>7,000</td>
</tr>
<tr>
<td>(On leave with one-half pay 1959-60)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21. Anna W. Kenny, Assistant Professor of English</td>
<td>D</td>
<td>6,200</td>
</tr>
</tbody>
</table>
22. Bernard R. Kogan, Assistant Professor of English... B  7 200
   (On leave with pay second semester 1959-60)
23. Zelma B. Leonhard, Assistant Professor of English.. B  6 600
24. John O. Marsh, Jr., Assistant Professor of Foreign Languages.................. B  7 000
25. Sonia Miller, Assistant Professor of English.. B  6 600
26. Harry J. Runyan, Assistant Professor of English...... B  6 800
27. Andrew Schiller, Assistant Professor of English..... B  7 400
28. James B. Stronks, Assistant Professor of English..... B  7 000
29. Elizabeth Teichmann, Assistant Professor of Foreign Languages.................. B  6 600
30. Samuel A. Weiss, Assistant Professor of English.. B  6 400
31. Maurita F. Willett, Assistant Professor of English.. B  6 200
32. Elizabeth V. Wright, Assistant Professor of English.. B  7 400
   (On leave with pay second semester 1959-60)
33. Norman R. Atwood, Instructor in English......... D  6 600
34. Johanna Braunfeld, Instructor in Foreign Languages.. D  6 200
35. Kathryn Q. Carlson, Instructor in English........ D  5 800
36. Robert L. S. Cassell, Instructor in English........ D  5 400
37. Willis Charkovsky, Instructor in Music........ D50  3 000
38. Francis G. Cox, Instructor in English........ D  5 400
39. Janice M. Crews, Instructor in Speech........ D  6 400
40. Russell E. Davis, Instructor in Humanities...... D  5 200
41. Warren R. Freyer, Instructor in English...... D  6 200
42. Mary T. Gallagher, Instructor in English.... D  5 800
43. Frances M. Goulson, Instructor in Speech........ D  6 400
44. Guinevere L. Gries, Instructor in English....... D  6 200
45. Lucy S. Hegle, Instructor in English........ D  6 000
46. Eleanor R. Hipple, Instructor in English........ D  5 400
47. Conde R. Hoskins, Instructor in Speech........ D  6 000
48. Inge Hough, Instructor in Foreign Languages..... D  4 500
49. Helen J. Hoyte, Instructor in Speech........ D  6 400
50. Marion S. Kerwick, Instructor in English.... D  6 200
51. Laurette A. Kirstein, Instructor in English... ZD75  5 100
   (Total Salary).................................. (6 800)
52. Theodore Kundrat, Instructor in Speech........ D50  2 700
53. Willie N. Love, Instructor in English........ D  6 400
54. William R. Lutton, Instructor in Foreign Languages.. D50  2 300
55. John H. Mackin, Jr., Instructor in English....... D  6 200
56. Eugene J. McNamara, Instructor in English........ D  5 400
57. H. G. Merten, Instructor in English, Emeritus.... R  ........
58. John H. Meyer, Instructor in Foreign Languages.... D  5 800
59. I. M. Miller, Instructor in English........ D  6 200
60. Margaret H. Oleksy, Instructor in English........ D  6 600
61. Matthew L. Rigler, Instructor in Speech......... D  6 400
62. Cecilia M. Rudin, Instructor in English........ D  6 200
63. Mary C. Sidney, Instructor in English........ D  4 800
64. Clara S. Skogen, Instructor in Foreign Languages.. D  6 200
65. Morris Star, Instructor in English........ D  6 200
66. Beatrice S. Timmis, Instructor in English........ D  6 400
67. Ferdina J. C. Tort, Instructor in Foreign Languages.. D  5 800
68. ..., Instructor in English........ D  5 200
69. James Friend, Assistant in English........ E  4 600
70. Ann Peyton, Assistant in English........ E  4 200
71. 2.00 Full Time Equivalent Assistants........ E  8 200
Nonacademic Salaries................................. 11 010

Total, Salaries.................................. (459 440)

Wages............................................. 500
Expense........................................... 5 400
Equipment........................................ 500

Total, Wages, Expense, and Equipment.............. (6 400)

Total, Humanities................................ 456 830
### Mathematics

Account Number 70-10-20

<table>
<thead>
<tr>
<th>Name</th>
<th>Division</th>
<th>Account Number</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Salaries</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. W. Morgenthaler, Associate Professor</td>
<td></td>
<td>70-10-20</td>
<td>$9,800</td>
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<td></td>
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</tr>
<tr>
<td>H. W. Bailey, Professor</td>
<td></td>
<td></td>
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Account Number 70-10-25

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(On leave with one-half pay 1959-60)
16. Lynn Carbonaro, Instructor in Chemistry.................. D 6,000
17. Sabine H. Casten, Instructor in Chemistry................ D 5,400
18. John W. Cowin, Instructor in Chemistry.................. D 6,000
19. James R. Darler, Instructor in Chemistry................. D 8,000
20. Harry J. Delffs, Instructor in Chemistry................. G67 1,800

(Semester I)
21. Robert E. Demar, Instructor in Geology.................. D 5,400
22. Shaheek Farag, Instructor in Chemistry.................. D 5,600
23. Donald D. Hedberg, Instructor in Chemistry.............. D 5,400
24. Elaine Z. Herzog, Instructor in Chemistry.............. D 5,400
25. Louis N. Kurs, Instructor in Geology................... D 6,000
26. Robert L. Miller, Instructor in Chemistry............ ZD75 4,500

(Total Salary) ........................................... (6,000)
27. Clarence J. Perry, Instructor in Chemistry............. D 6,200
28. G. I. Sackheim, Instructor in Chemistry................ D 6,400
29. Frances K. Seabright, Instructor in Chemistry......... D 6,000
30. John F. Steiner, Instructor in Chemistry.............. D 5,800
31. Marjorie Traxler, Instructor in Chemistry............. D 5,000
32. ——, Instructor ....................................... D 5,000
33. R. E. Johnson, Assistant in Chemistry.................. E 4,800
34. Thomas A. Lothian, Assistant in Chemistry............ E 4,800

Nonacademic Salaries ........................................ 13,500

Total, Salaries ............................................. (23,420)
Wages ......................................................... 3,800
Expense ....................................................... 24,050
Equipment ..................................................... 3,000

Total, Wages, Expense, and Equipment ...................... (30,950)

Total, Physical Sciences ..................................... $265,050

Social Sciences

Account Number 70-10-30
1. Donald W. Kiddle, Professor of History and Head of Division of Social Sciences.................. A $12,000
2. Hollis W. Barber, Professor of Political Science...... A 10,700
3. Alden D. Cutshall, Professor of Geography............. A 10,000
4. Paul C. Greene, Professor of Psychology................. ZAY ........................
5. Peter P. Klassen, Professor of Sociology.............. A 9,400
6. Eli A. Lipman, Professor of Psychology................ A 9,400
7. D. J. Morris, Professor of Philosophy................ A 9,000
8. Kenneth W. Eells, Associate Professor of Psychology ZAY ........................
9. Stanley L. Jones, Associate Professor of History..... A 8,000

(On leave with pay second semester 1959-60)
10. Harold Klehr, Associate Professor of Psychology...... ZAY ........................
11. Robert L. Nicholson, Associate Professor of History A 8,000
12. Victor E. Ricks, Associate Professor of Education.... A 8,600
13. Jean H. Baer, Assistant Professor of Education....... ZBY ........................
14. Louis A. Berman, Assistant Professor of Psychology ZBY ........................
15. Shirley A. Bill, Assistant Professor of History....... B 7,200
16. Mary M. Colby, Assistant Professor of Geography..... B 6,800
17. Robert E. Corley, Assistant Professor of Sociology.. B 6,600
18. Mildred I. Finney, Assistant Professor of Geography.. B 6,600
19. Gordon Lee Goodman, Assistant Professor of History.. B 6,200
20. Wanda N. Gum, Assistant Professor..................... G ........................

(On disability leave without pay — University Retirement System)
21. Allen H. Howard, Assistant Professor of Psychology.. B 6,600
22. Milton Rakove, Assistant Professor of Political Science B 6,400
23. George A. Rheumer, Assistant Professor of Geography. B 6,900
24. Louis U. Unick, Assistant Professor of History....... B 7,200
25. Lucy C. Zaccaria, Assistant Professor of Psychology ZBY ........................
26. James W. Creaser, Instructor in Psychology........... ZD75 ........................
27. Daniel L. Hefetz, Instructor in Psychology............ ZDY ........................
28. Vivian C. Lipman, Instructor in Psychology........... D 5,200
29. Robert R. Page, Instructor in Philosophy.............. D 5,700

(On leave without pay — University Retirement System)
### BOARD OF TRUSTEES

[July 21]

30. Robert L. Tyroler, Instructor in Psychology........ D50 2 600
31. Charles P. Warren, Instructor in Anthropology...... D50 5 400
32. ____________________________ Instructor .............. D40 1 920

Nonacademic Salaries .................................. 3 900
**Total, Salaries** .................................. (170 320)

Wages ............................................. 3 400

 Expense ........................................... 2 650

 Equipment ......................................... 450

**Total, Wages, Expense, and Equipment** ................. (3 200)

**Total, Social Sciences** ................................ $173 520

### ENGINEERING SCIENCES

#### General

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**Total, General** .................................. $511 458

#### Administration

Account Number 70-15-05

1. F. W. Trezise, Associate Dean ....................... ZBY $ 15 250
2. Rupert M. Price, Assistant Dean ..................... ZBY 12 000

Nonacademic Salaries ................................ 12 660

**Total, Salaries** .................................. (39 910)

Wages ............................................. 1 850

 Expense ........................................... 5 650

 Convention Travel ................................... 1 600

 Equipment ......................................... 650

**Total, Wages, Expense, and Equipment** ................. (9 750)

**Total, Administration** ................................ $ 49 660

#### Architecture and Art

Account Number 70-15-10

1. Harold McEldowney, Professor of Architecture and Head of Department ........................ A $ 11 700
2. John F. Richardson, Professor of Art .................. A 8 700
3. Anthony DeFilipps, Associate Professor of Architecture A 9 100
4. John D. McNee, Associate Professor of Art .......... A 8 350
5. Henry L. Mikolajczyk, Associate Professor of Architecture A 9 400
6. Canio Radice, Associate Professor of Art ............ A 8 050
7. Rowland Rathbun, Associate Professor of Architecture A 8 200
8. Kenneth G. Shopen, Associate Professor of Architecture A 9 000
9. John E. Walley, Associate Professor of Architecture A 8 950
10. Edward E. Burr, Assistant Professor of Art ......... B 7 700
11. Roland F. Ginzel, Assistant Professor of Art ....... B 6 950
12. Don A. Masterton, Assistant Professor of Architecture B 6 800
13. Robert W. Nickle, Assistant Professor of Art ...... B 7 000
14. Nancy Stableford, Assistant Professor of Art ...... B 6 000
15. Lester D. White, Assistant Professor of Architecture B 8 850
16. __________ , Assistant Professor of Architecture .......... B50 3 750

Nonacademic Salaries ................................ 7 800

**Total, Salaries** .................................. (136 320)

Wages ............................................. 1 600

 Expense ........................................... 6 100

 Equipment ......................................... 1 650

**Total, Wages, Expense, and Equipment** ................. (9 350)

**Total, Architecture and Art** ........................ $145 550
Engineering

Account Number 70-15-15

1. Edward H. Coe, Associate Professor of Civil Engineering .................................................. A] $ 8 600
   Acting Head of Department .......................................................... D] 9 300
2. Arnold C. Cobb, Professor of Theoretical and Applied Mechanics .............................................. A 7 600
3. F. W. Trezise, Professor ......................................................................... ZAY 7 400
4. Alfred Klapperich, Assistant Professor ......................................................... B 7 900
5. Algis Pabarcius, Assistant Professor ................................................................. B 7 200
6. F. P. Wiesinger, Assistant Professor of Civil Engineering .................................................. D 7 800
7. .................................................... Assistant Professor .............................. B 7 200
8. .................................................... Instructor ................................................. D 6 600

Total, Salaries ............................................................................... (53 100)

Wages ......................................................................................... 1 250
Expense ......................................................................................... 1 000
Equipment ..................................................................................... 1 650

Total, Wages, Expense, and Equipment.................................................. (4 100)

Total, Engineering ........................................................................ $ 57 900

General Engineering

Account Number 70-15-20

1. C. I. Carlson, Professor and Head of Department ........................................ A $ 11 600
2. Harold R. Goppert, Professor ................................................................. A 9 300
3. Richard C. Kohler, Associate Professor .................................................. A 7 600
4. S. E. Shapiro, Associate Professor .......................................................... A 8 900
5. H. Dale Walraven, Associate Professor .................................................. A 8 900
6. L. N. Blair, Assistant Professor ................................................................. B 7 100
7. Glenn E. Cramer, Assistant Professor ...................................................... B 7 700
8. Marion V. J. Dembski, Assistant Professor ................................................ B 6 700
9. Dee M. Holladay, Assistant Professor ...................................................... B 6 900
10. Richard S. Royster, Assistant Professor .................................................... B 7 100
11. Fred W. Schroeder, Assistant Professor .................................................... B 6 900
12. Henry A. Setton, Assistant Professor ........................................................ B 6 800
13. Charles A. Boue, Instructor in General Engineering Drawing ......................... D 5 000
14. Edward J. Caldario, Instructor ................................................................. D 5 500
15. William Defotis, Instructor .................................................................... D 5 500
16. Francis A. Mosillo, Instructor ................................................................. D 5 400

Nonacademic Salaries ........................................................................ 4 680

Total, Salaries ............................................................................... (120 780)

Wages ......................................................................................... 1 700
Expense ......................................................................................... 4 450
Equipment ..................................................................................... 800

Total, Wages, Expense, and Equipment.................................................. (6 950)

Total, General Engineering ................................................................ $ 127 730

Physics

Account Number 70-15-25

1. Ora Lee Railsback, Professor and Head of Department ........................................ A $ 11 600
2. Edward B. McNeil, Professor ....................................................................... A 8 400
3. William R. Anderson, Associate Professor .................................................. A 7 800
4. Louis Chandler, Associate Professor .......................................................... A 7 500
5. Herman J. Johnson, Associate Professor .................................................. A 7 600
6. Rupert M. Price, Associate Professor .......................................................... ZAY 8 400
7. Harold M. Skadeland, Associate Professor .................................................. A 8 400
8. Ogden Livermore, Assistant Professor ........................................................ B 6 900
9. M. Minkler, Assistant Professor ................................................................. B 6 600
10. Fishel E. Moraine, Assistant Professor ........................................................ B 6 800
11. John N. Pappademos, Assistant Professor .................................................. B 6 700
12. A. F. Silkett, Assistant Professor ................................................................. B 7 200
13. Herman B. Weissman, Assistant Professor .................................................. B 7 100
14. .................................................... Assistant Professor ................................. B 3 500

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<td>E</td>
<td>$4,200</td>
</tr>
<tr>
<td><strong>Nonacademic Salaries</strong></td>
<td></td>
<td><strong>$87,670</strong></td>
</tr>
<tr>
<td><strong>Total, Wages</strong></td>
<td></td>
<td><strong>$174,270</strong></td>
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</table>

**Total, Commerce and Business Administration**
PHYSICAL EDUCATION

General

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Education</td>
<td>$145 140</td>
<td>$19 000</td>
<td>$164 140</td>
</tr>
<tr>
<td><strong>Total, General</strong></td>
<td>$145 140</td>
<td>$19 000</td>
<td>$164 140</td>
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</tbody>
</table>

Restricted

<table>
<thead>
<tr>
<th>Auxiliary Enterprises</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Athletic Activities</td>
<td>$12 300</td>
<td>$32 500</td>
<td>$44 800</td>
</tr>
<tr>
<td><strong>Total, Restricted</strong></td>
<td>$12 300</td>
<td>$32 500</td>
<td>$44 800</td>
</tr>
</tbody>
</table>

Physical Education

Account Number 70-20-10

1. J. O. Jones, Associate Dean and Director of Athletics, Professor of Physical Education for Men, $14 250 (Total Salary)

2. Helen M. Barton, Professor of Physical Education for Women and Head of Women's Department, $8 700 (Total Salary)

3. Peter R. Berrafato, Assistant Professor of Physical Education for Men, ZB 7 200 (Total Salary)

4. Sheldon L. Fordham, Assistant Professor of Physical Education for Men, ZB 7 500 (Total Salary)

5. Leo L. Gedvilas, Assistant Professor of Physical Education for Men, ZB 7 100 (Total Salary)

6. Charles Kristufek, Assistant Professor of Physical Education for Men, ZB 6 500 (Total Salary)

7. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men, ZB 7 500 (Total Salary)

8. Benedict Montcalm, Assistant Professor of Physical Education for Men, ZB 6 300 (Total Salary)

9. Wilma J. Pesavento, Assistant Professor of Physical Education for Women, B 5 600 (Total Salary)

10. Walter G. Versen, Assistant Professor of Physical Education for Men, ZB 6 500 (Total Salary)

11. Michael G. Maksud, Instructor in Physical Education for Men, ZD 4 800 (Total Salary)

12. Richard R. Rader, Instructor in Physical Education for Men, ZD 5 600 (Total Salary)

13. George J. Strnad, Instructor in Physical Education for Men, ZD 5 600 (Total Salary)

14. Charlene Anzalone, Assistant in Physical Education for Women, E 5 000 (Total Salary)

15. Donna J. Claypoole, Assistant in Physical Education for Women, E 5 000 (Total Salary)

16. James A. Majer, Assistant in Physical Education for Men, ZE 4 200 (Total Salary)

17. Harold H. Nemoto, Assistant in Physical Education for Men, ZE 4 800 (Total Salary)
<table>
<thead>
<tr>
<th>18. Melvin J. Springer, Assistant in Physical Education for Men</th>
<th>ZE</th>
<th>4,800</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(5,500)</td>
</tr>
<tr>
<td>19. Donald E. Wildner, Assistant in Physical Education for Men</td>
<td>ZE</td>
<td>4,200</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(4,700)</td>
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<tr>
<td>20. 1.00 Full Time Equivalent Assistants</td>
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<tr>
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<tr>
<td>Expense</td>
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<td>13,800</td>
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<tr>
<td>Convention Travel</td>
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<td>600</td>
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<tr>
<td>Equipment</td>
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<td>2,500</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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</tr>
<tr>
<td><strong>Total, Physical Education</strong></td>
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<td>$161,140</td>
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**Auxiliary—Student Athletic Activities**

<table>
<thead>
<tr>
<th>Account Number 75-15-10</th>
<th>ZBY10</th>
<th>1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. J. O. Jones, Director of Athletics</td>
<td></td>
<td>(15,250)</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Peter E. Berrafato, Assistant Professor of Physical</td>
<td>ZG</td>
<td>1,200</td>
</tr>
<tr>
<td>Education for Men</td>
<td></td>
<td>(8,400)</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Sheldon L. Fordham, Assistant Professor of Physical</td>
<td>ZG</td>
<td>900</td>
</tr>
<tr>
<td>Education for Men</td>
<td></td>
<td>(8,400)</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Leo L. Gedvilas, Assistant Professor of Physical Education for Men</td>
<td>ZG</td>
<td>400</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(7,500)</td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Charles Kristufek, Assistant Professor of Physical Education for Men</td>
<td>ZG</td>
<td>1,100</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(7,600)</td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Lester H. Miller, Jr., Assistant Professor of Physical</td>
<td>ZG</td>
<td>800</td>
</tr>
<tr>
<td>Education for Men</td>
<td></td>
<td>(8,300)</td>
</tr>
<tr>
<td>(Total Salary)</td>
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<td></td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Benedict Montcalm, Assistant Professor of Physical Education for Men</td>
<td>ZG</td>
<td>800</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(7,100)</td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Walter G. Versen, Assistant Professor of Physical Education for Men</td>
<td>ZG</td>
<td>800</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(7,300)</td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Michael G. Maksud, Instructor in Physical Education</td>
<td>ZG</td>
<td>600</td>
</tr>
<tr>
<td>for Men</td>
<td></td>
<td>(5,400)</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Richard R. Rader, Instructor in Physical Education for</td>
<td>ZG</td>
<td>900</td>
</tr>
<tr>
<td>Men</td>
<td></td>
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</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. George J. Strnad, Instructor in Physical Education for</td>
<td>ZG</td>
<td>800</td>
</tr>
<tr>
<td>Men</td>
<td></td>
<td>(6,400)</td>
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<td>(Total Salary)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. James A. Majer, Assistant in Physical Education for Men</td>
<td>ZG</td>
<td>500</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(4,700)</td>
</tr>
<tr>
<td>(Overtime basis)</td>
<td></td>
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</tr>
</tbody>
</table>
### 13. Harold H. Nemoto, Assistant in Physical Education for Men

<table>
<thead>
<tr>
<th>Salary Type</th>
<th>Amount</th>
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<tr>
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</table>

### 14. Melvin J. Springer, Assistant in Physical Education for Men

<table>
<thead>
<tr>
<th>Salary Type</th>
<th>Amount</th>
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</thead>
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<tr>
<td>Total Salary</td>
<td>$700</td>
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<td>Overtime basis</td>
<td>($5,000)</td>
</tr>
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</table>

### 15. Donald E. Wildner, Assistant in Physical Education for Men

<table>
<thead>
<tr>
<th>Salary Type</th>
<th>Amount</th>
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</thead>
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<tr>
<td>Total Salary</td>
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### Nonacademic Salaries

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Total, Salaries</td>
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<tr>
<td>Wages</td>
<td>$1,500</td>
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<tr>
<td>Expense</td>
<td>$31,000</td>
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<tr>
<td>Total, Wages, Expense, and Equipment</td>
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<tr>
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## Armed Forces

### Account Number 70-20-20

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Nonacademic Salaries</td>
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<tr>
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<td>Wages</td>
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<tr>
<td>Equipment</td>
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## Summer Session

### Account Number 70-20-25

<table>
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<tbody>
<tr>
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## Library

### Account Number 70-20-30

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<tr>
<td>Total, Salaries</td>
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</tr>
<tr>
<td>Wages</td>
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<tr>
<td>Expense</td>
<td>$7,400</td>
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<tr>
<td>Total, Wages, Expense, and Equipment</td>
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<tr>
<td>Total, Library Administration</td>
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### Associate Professor of Library Administration

<table>
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<th>Amount</th>
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<tbody>
<tr>
<td>Wages</td>
<td>$5,500</td>
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<tr>
<td>Expense</td>
<td>$6,000</td>
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<tr>
<td>Total, Library Administration</td>
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### Assistant in Library Administration

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Wages</td>
<td>$5,500</td>
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<tr>
<td>Expense</td>
<td>$6,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>Library Additions</td>
</tr>
<tr>
<td>-----------</td>
<td>------------------</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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</tr>
<tr>
<td><strong>Total, Library</strong></td>
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</table>

**PHYSICAL PLANT**

<table>
<thead>
<tr>
<th>General</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$23 310</td>
<td>$ 9 095</td>
</tr>
<tr>
<td>Building Operation</td>
<td>7 800</td>
<td>211 409</td>
</tr>
<tr>
<td>Police and Watchmen</td>
<td>107 241</td>
<td>107 241</td>
</tr>
<tr>
<td>Building Maintenance</td>
<td>20 991</td>
<td>118 831</td>
</tr>
<tr>
<td>Trucks and Cars</td>
<td>13 212</td>
<td>13 212</td>
</tr>
<tr>
<td>Grounds Maintenance</td>
<td>11 701</td>
<td>11 701</td>
</tr>
<tr>
<td>Heat, Light, and Power</td>
<td>195 269</td>
<td>195 269</td>
</tr>
<tr>
<td>Building Rental</td>
<td>188 150</td>
<td>188 150</td>
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<tr>
<td><strong>Total, General</strong></td>
<td>$52 101</td>
<td>$854 908</td>
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<table>
<thead>
<tr>
<th>Restricted</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td>Auxiliary Enterprises</td>
<td>Salaries</td>
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<tr>
<td>Food Service</td>
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<td>$15 669</td>
</tr>
</tbody>
</table>

**Administration**

Account Number 70-25-02

1. H. W. Pearce, Associate Director.

<table>
<thead>
<tr>
<th>Salaries</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Wages</td>
<td>23 310</td>
<td>3 895</td>
<td>32 405</td>
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<tr>
<td>Expense</td>
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<td>5 880</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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</tr>
<tr>
<td><strong>Total, Administration</strong></td>
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**Building Operation**

Account Number 70-25-04

<table>
<thead>
<tr>
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<th>Equipment</th>
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</thead>
<tbody>
<tr>
<td>Wages</td>
<td>7 800</td>
<td>193 385</td>
<td>201 185</td>
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<td>Expense</td>
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<td>11 024</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total, Building Operation</strong></td>
<td></td>
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</tr>
</tbody>
</table>

**Police and Watchmen**

Account Number 70-25-06

| Wages | 104 332 | |
| Expense | 2 909 | 107 241 |

**Building Maintenance**

Account Number 70-25-08

<table>
<thead>
<tr>
<th>Salaries</th>
<th>General</th>
<th>Renewals and Replacements</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages</td>
<td>20 991</td>
<td>88 549</td>
<td>88 549</td>
</tr>
<tr>
<td>Expense</td>
<td>11 016</td>
<td>11 016</td>
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</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td>(118 831)</td>
<td></td>
</tr>
<tr>
<td><strong>Total, Building Maintenance</strong></td>
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<td>$139 822</td>
<td></td>
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</table>
Trucks and Cars

<table>
<thead>
<tr>
<th>Account Number 70-25-80</th>
<th>Wages</th>
<th>Expense</th>
<th>Total, Trucks and Cars</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$11,257</td>
<td>$1,955</td>
<td>$13,212</td>
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</table>

Grounds Maintenance

<table>
<thead>
<tr>
<th>Account Number 70-25-82</th>
<th>Wages</th>
<th>Expense</th>
<th>Total, Grounds Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$11,151</td>
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<td>$11,701</td>
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</table>

Heat, Light, and Power

<table>
<thead>
<tr>
<th>Account Number 70-25-84</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Heat, Light, and Power</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$85,328</td>
<td>$109,841</td>
<td>$160</td>
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</table>

Building Rental

<table>
<thead>
<tr>
<th>Account Number 70-25-94</th>
<th>Expense, Building Rental</th>
<th>Expense, Drill Hall Rental</th>
<th>Expense, Insurance</th>
<th>Total, Building Rental</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>$161,760</td>
<td>$25,240</td>
<td>$1,150</td>
<td>$188,150</td>
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Auxiliary Enterprises

<table>
<thead>
<tr>
<th>Account Number 75-15-05</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, Food Service</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$15,660</td>
<td></td>
<td></td>
<td>$(15,660)</td>
<td>$210,084</td>
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</tbody>
</table>

NONACADEMIC SALARIES

URBANA-CHAMPAIGN

ADMINISTRATION AND GENERAL

Board of Trustees

<table>
<thead>
<tr>
<th>Account Number 00-10-01-000</th>
<th>Maude Archdeacon, 0136, Administrative Clerk</th>
<th>N</th>
<th>$6,840</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Catherine C. Cacioppo, 0137, Clerk-Stenographer III</td>
<td>N</td>
<td>4,200</td>
<td></td>
</tr>
<tr>
<td>3. Marilyn Milligan, 0139, Clerk-Typist II</td>
<td>N</td>
<td>2,940</td>
<td></td>
</tr>
<tr>
<td>4. G. Jean Oder, 0138, Clerk-Typist II</td>
<td>N</td>
<td>2,820</td>
<td></td>
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</tbody>
</table>

Total, Board of Trustees: $16,800

President's Office

<table>
<thead>
<tr>
<th>Account Number 00-10-02-000</th>
<th>E. G. Smith, 0140, Executive Aide</th>
<th>N</th>
<th>$8,400</th>
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<tbody>
<tr>
<td>2. Thelma I. Radwell, 0146, Chief Clerk</td>
<td>N</td>
<td>4,860</td>
<td></td>
</tr>
<tr>
<td>3. Judith L. Conover, 6816, Clerk-Stenographer II</td>
<td>N</td>
<td>3,120</td>
<td></td>
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<tr>
<td>4. Dorothy R. McAndrews, 7787, Clerk-Stenographer II</td>
<td>N</td>
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<td>5. Ruth A. Vagner, 0147, Clerk-Stenographer II</td>
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<td>6. Vera K. Burke, 6809, Clerk-Typist II</td>
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<td>7. Wilma R. Johnson, 6008, Clerk-Typist III</td>
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<td>8. Virginia J. Hendrix, 0145, Secretary (Stenographic)</td>
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<td>9. Zelma C. Holl, 0142, Secretary (Stenographic)</td>
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<td>10. Ruth E. Klein, 0143, Secretary (Stenographic)</td>
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<td>11. Frances G. Dickman, 0141, Administrative Secretary (Stenographic)</td>
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Total, President's Office: $55,290
Indirect Costs — President’s Office
Account Number 40-10-02-000
1. Bonnie L. Nichols, 0149, Clerk-Typist II .................. N $ 3,420
   Total, Indirect Costs — President’s Office ................. $ 3,420

Vice-President and Provost’s Office
Account Number 00-10-04-000
1. Carol A. Hinners, 0151, Clerk-Stenographer III ........ N $ 3,570
2. Mildred M. Luther, 0152, Secretary (Stenographic) .... N 1,680
3. Ruth M. Anderson, 0150, Administrative Secretary (Stenographic) ................................................. N 5,550
4. .................................................. N 7,800
   Total, Vice-President and Provost’s Office ................ $18,600

Vice-President and Comptroller’s Office
Account Number 00-10-06-000
1. Vincent O. Greene, 0192, Accountant II .................. N $ 7,400
2. Margaret J. Oare, 0196, Clerk-Stenographer III ...... N 3,600
3. Marilyn J. Swearingen, 0200, Clerk-Stenographer III ... N 3,840
4. Gladys L. Paul, 0194, Secretary (Stenographic) ...... N 6,500
5. Vera M. Sands, 0195, Secretary (Stenographic) ....... N 4,260
6. Ralph E. Fletcher, Jr., 0198, Supervisor of Insurance.. ZN60 5,010
   (Total Salary) ........................................... (8,400)
7. ..................................................... N 7,500
   Total, Vice-President and Comptroller’s Office ........ $38,140

Auxiliary — Hospital Insurance Administration
Account Number 18-10-06-701
1. Janice Y. Burkholder, 0412, Clerk-Stenographer II .. ZN50 $ 1,500
   (Total Salary) ........................................... (3,000)
2. Connie R. Mengler, 0413, Clerk-Typist III ............... N 2,880
3. Anna L. Thompson, 0199, Clerk-Typist III ............... N 3,360
4. Ralph E. Fletcher, Jr., 0198, Supervisor of Insurance.. ZN40 3,360
5. James R. Gallivan, 7184, Assistant Supervisor of Insurance .................................................. N 7,100
   Total, Auxiliary — Hospital Insurance Administration .. $18,200

Business Office
Accounting Division
Account Number 00-10-08-000
1. Henry S. Creech, 0207, Accountant I ..................... N $ 5,040
2. Mary K. Fahrnkopf, 0213, Accountant I .................. N 4,620
3. Joseph A. Garza, 0217, Accountant I ..................... N 6,200
5. Earl M. Snyder, 0214, Accountant II ..................... N 6,600
6. Robert N. Parker, 0212, Accountant III ............... N 9,100
7. W. D. Green, 0211, Assistant Chief Accountant .... N 10,300
8. Florence A. Carson, 6876, Clerk II ....................... N 2,700
9. Vera A. Lawson, 5464, Clerk II ........................ N 2,610
10. Betty E. Wagner, 0232, Clerk II ......................... N 3,000
11. ..................................................... N 2,520
12. Ruth Bryant, 0236, Clerk III .......................... N 2,940
13. Esther B. Theilmann, 6893, Accounting Clerk II ...... N 4,500
14. Mary L. Miller, 0226, Clerk-Typist II .................. N 2,610
15. ..................................................... N 2,700
16. Maida L. Whipple, 6892, Card Punch Operator I .. N 2,400
17. Patricia Cartwright, 0300, Card Punch Operator II ... N 2,040
18. B. Luretta Orrell, 7693, Card Punch Operator II .. N 2,040
19. Beverly A. Smith, 6894, Card Punch Operator II .... N 2,700
20. Violet Gaschler, 0219, Secretary (Stenographic) ...... N 4,800
21. Julia M. Hunt, 0283, Inventory Supervisor .......... N 6,100
   Total, Accounting Division ............................ $95,040
INDIRECT COSTS — ACCOUNTING DIVISION

Account Number 40-10-08-000

1. Lillian M. Nichols, 5214, Clerk II. N $3 600
2. Darlene K. St. John, 0226, Clerk II. N 2 520
3. Audre11 Y. Wynn, 0236, Typing Clerk II. ZN 1 470
4. Margaret C. Schehr, 0251, Payroll Clerk II. N 7 000
5. Hortense S. Johnson, 0248, Chief Payroll Clerk. N 8 900
6. Betty A. Cekander, 0250, Cashier II. N 4 500
7. Martha A. Rittenhouse, 7247, Clerk II. N 3 990
8. Lillian M. Nichols, 5214, Clerk II. N 7 440
9. James R. Carlson, 0249, Payroll Clerk III. N 4 980
10. Margaret C. Mehr, 0251, Payroll Clerk III. N 5 250
11. Edward Read, 0242, Accountant II. N 7 440
12. Lindell R. Furlow, 6128, Clerk II. N 7 440
13. Robert C. Olson, 0203, Accountant II. N 7 440
14. L. Foil, 0246, Cashier II. N 4 500
15. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
16. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
17. Edward Read, 0242, Accountant II. N 7 440
18. Lindell R. Furlow, 6128, Clerk II. N 7 440
19. Robert C. Olson, 0203, Accountant II. N 7 440
20. L. Foil, 0246, Cashier II. N 4 500
21. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
22. Edward Read, 0242, Accountant II. N 7 440

Total, Direct Costs — Accounting Division $11,380

Total, Indirect Costs — Accounting Division $4 920

Auditing Division

Account Number 40-10-09-000

1. Albert E. Marien, 5042, Accountant I. N $5 580
2. C. Roland Alderson, 0204, Accountant II. N 7 440
3. Charles O. Parvin, 0208, Accountant II. N 7 440
4. Sidney M. Stafford, 0215, Accountant II. N 7 440
5. Henry T. Kink, 0202, Accountant III. N 8 700
6. David W. Bonham, 7485, Procedures and Systems Analyst N 8 900
7. Robert C. Olson, 0203, Accountant II. N 7 440
8. Phyllis J. Feldkamp, 0237, Clerk-Typist I1. N 3 990

Total, Auditing Division $59 600

INDIRECT COSTS — AUDITING DIVISION

Account Number 40-10-09-000

1. Robert C. Olson, 0203, Accountant II. N $2 400
2. Robert C. Olson, 0203, Accountant II. N 7 440

Total, Indirect Costs — Auditing Division $9 840

Bursar's Division

Account Number 40-10-10-000

1. Robert E. Gentry, 0243, Assistant to Bursar. N $9 000
2. William M. Griffith, 0241, Assistant to Bursar. N 9 000
3. R. W. Zimmer, 0238, Assistant Bursar. N 10 000
4. Ray W. Van Camp, 0247, Cashier II. N 4 500
5. Carol A. Hall, 6570, Clerk II. N 4 400
6. Dale T. Boyer, 7247, Clerk II. N 2 880
7. Dorothy A. Ward, 7037, Clerk II. N 4 440
8. Edward Read, 0242, Accountant II. N 7 440
9. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
10. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
11. L. Foil, 0246, Cashier II. N 4 500
12. Lindell R. Furlow, 6128, Clerk II. N 7 440
13. Charles O. Parvin, 0208, Accountant II. N 7 440
14. Henry T. Kink, 0202, Accountant III. N 8 700
15. David W. Bonham, 7485, Procedures and Systems Analyst N 8 900
16. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
17. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
18. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
19. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
20. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
21. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
22. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500

Total, Indirect Costs — Bursar's Division $104 470

Bursar's Division

Account Number 40-10-10-000

1. Robert E. Gentry, 0243, Assistant to Bursar. N $9 000
2. William M. Griffith, 0241, Assistant to Bursar. N 9 000
3. R. W. Zimmer, 0238, Assistant Bursar. N 10 000
4. Ray W. Van Camp, 0247, Cashier II. N 4 500
5. Carol A. Hall, 6570, Clerk II. N 4 400
6. Dale T. Boyer, 7247, Clerk II. N 2 880
7. Dorothy A. Ward, 7037, Clerk II. N 4 440
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14. Henry T. Kink, 0202, Accountant III. N 8 700
15. David W. Bonham, 7485, Procedures and Systems Analyst N 8 900
16. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
17. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
18. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
19. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
20. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
21. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500
22. Robert E. Gentry, 0243, Assistant to Bursar. N 4 500

Total, Indirect Costs — Bursar's Division $104 470

Account Number 40-10-10-000

1. Stanley J. Rankin, 6079, Accountant I. N $4 980
2. E. Edward Read, 0242, Accountant II. N 7 440
3. Lindell R. Furlow, 6128, Clerk II. N 1 290
4. Joan M. Moran, 7036, Clerk II. ZN 720

Total, Indirect Costs — Bursar's Division $4 980
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<tr>
<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Payroll</th>
<th>Expenses</th>
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<td>Clerk-Typist I</td>
<td>$2,400</td>
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<td>70-10-10-910</td>
<td>Nancy C. Barcus</td>
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<td>70-10-10-910</td>
<td>George W. Kinningham</td>
<td>Purchasing Assistant III</td>
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<td>70-10-10-910</td>
<td>Glenn E. Musgrave</td>
<td>Assistant to Military Property</td>
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<td>70-10-10-910</td>
<td>Gladys A. Carlson</td>
<td>Clerk II</td>
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<td>70-10-10-910</td>
<td>Edith R. Carr</td>
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<td>70-10-10-910</td>
<td>Pearl L. McCollough</td>
<td>Clerk III</td>
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<td>William E. Wells</td>
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<td>70-10-10-910</td>
<td>Gerald D. Meier</td>
<td>Stores Clerk</td>
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<td>Merrian E. Lourash</td>
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<td>Astrid E. Zehner</td>
<td>Clerk-Typist II</td>
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<td>Molly M. Shoaf</td>
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<td>Barbara J. Williamson</td>
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<td>$3,660</td>
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<td>Lester E. Elliott</td>
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<td>Charles A. Sadler</td>
<td>Routeman Helper III</td>
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<td>$4,428</td>
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<td>W. H. Whetstone</td>
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<td>$7,920</td>
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<td>$4,440</td>
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<td>Reuben C. Deedrick</td>
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<td>Charles L. Hoeh</td>
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<td>70-10-10-910</td>
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**Total, Purchasing Division**

$126,158

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**Stores - General Chemical Overhead**

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<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Payroll</th>
<th>Expenses</th>
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<td>00-10-11-000</td>
<td>Wendell E. Crawford</td>
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<td>00-10-11-000</td>
<td>John W. Gomperts</td>
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<td>00-10-11-000</td>
<td>R. F. Hott</td>
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<td>00-10-11-000</td>
<td>George W. Kinningham</td>
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<td>$8,310</td>
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<tr>
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<tr>
<td>00-10-11-000</td>
<td>Gladys A. Carlson</td>
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<td>00-10-11-000</td>
<td>Edith R. Carr</td>
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<tr>
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<td>Lester E. Elliott</td>
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<td>Central Receiving Station Super-</td>
<td></td>
<td>$6,720</td>
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<tr>
<td>00-10-11-000</td>
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**Total, Stores - General Chemical Overhead**

$31,410
### Stores — Office Supply Overhead

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<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
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<tbody>
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<td>08-10-11-963</td>
<td>Max M. Matthews, 0276, Purchasing Assistant II</td>
<td>ZN25</td>
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<tr>
<td>08-10-11-963</td>
<td>Beatrice C. Sargent, 0311, Clerk II</td>
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<td>08-10-11-963</td>
<td>Roy G. Givens, 0310, Stores Clerk</td>
<td>N</td>
<td>3 900</td>
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<tr>
<td>08-10-11-963</td>
<td>Lucille M. Pyatt, 7349, Typing Clerk I</td>
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<tr>
<td>08-10-11-963</td>
<td>Raymond J. Kunza, 0366, Driver</td>
<td>P</td>
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<tr>
<td>08-10-11-963</td>
<td>Robert C. Hicks, 7763, Routeman</td>
<td>P</td>
<td>5 202</td>
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<tr>
<td>08-10-11-963</td>
<td>Robert E. Hagen, 5153, Storekeeper</td>
<td>N</td>
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<tr>
<td>08-10-11-963</td>
<td>Robert E. Solomon, 0306, Storekeeper</td>
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<tr>
<td>08-10-11-963</td>
<td>L. W. Williamson, 0308, Stores Supervisor</td>
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<tr>
<td>08-10-11-963</td>
<td>Ralph R. Squire, 5527, Assistant Supervisor of Central Receiving Station</td>
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**Total, Stores — Office Supply Overhead**

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<th>Amount</th>
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### Indirect Costs — Purchasing Division

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-10-11-000</td>
<td>Richard A. Martin, 5209, Purchasing Assistant I</td>
<td>N</td>
<td>$5 880</td>
<td></td>
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<tr>
<td>40-10-11-000</td>
<td>Donald F. Gillogly, 0279, Purchasing Assistant II</td>
<td>N</td>
<td>4 500</td>
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<tr>
<td>40-10-11-000</td>
<td>Beverly L. Casey, 1597, Clerk-Typist II</td>
<td>N</td>
<td>7 100</td>
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<tr>
<td>40-10-11-000</td>
<td>Kay A. Hallinger, 0288, Clerk-Typist II</td>
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<tr>
<td>40-10-11-000</td>
<td>Marcia K. Lecher, 0265, Clerk-Typist II</td>
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<tr>
<td>40-10-11-000</td>
<td>Peggy L. Matsler, 0285, Clerk-Typist II</td>
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<tr>
<td>40-10-11-000</td>
<td>Joan L. Glynn, Clerk-Typist II</td>
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<td>40-10-11-000</td>
<td>Wendell G. Viles, 0935, Routeman Helper</td>
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**Total, Indirect Costs — Purchasing Division**

<table>
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<tr>
<th>Amount</th>
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<tr>
<td>$35 078</td>
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### Admissions and Records

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<th>Account Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>00-10-13-000</td>
<td>Charles V. Ellington, Procedures and Systems Analyst</td>
<td>N</td>
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<tr>
<td>00-10-13-000</td>
<td>Judith A. Dalton, 0345, Clerk I</td>
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<td>00-10-13-000</td>
<td>Shirley M. Burr, 0352, Clerk II</td>
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<tr>
<td>00-10-13-000</td>
<td>Loretta E. Friihaut, 0337, Clerk II</td>
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<tr>
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<td>Nila J. McAfee, 0360, Clerk II</td>
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<tr>
<td>00-10-13-000</td>
<td>Mary L. Switzer, 0340, Clerk II</td>
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<td>00-10-13-000</td>
<td>Jo Carolyn Beebe, 0349, Clerk III</td>
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<td>Marjorie M. Clementz, 0328, Clerk III</td>
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<td>Dorothy D. Crane, 7187, Clerk III</td>
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<td>Ruth K. Crowley, 0329, Clerk III</td>
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<td>Mary L. Dean, 0342, Clerk III</td>
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<td>Roxana W. Duquette, 7185, Clerk III</td>
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<td>00-10-13-000</td>
<td>Helen I. Esworthy, 0344, Clerk III</td>
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<td>Grace Jackson, 0336, Clerk III</td>
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<td>Erma C. Koch, 7172, Clerk III</td>
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<td>00-10-13-000</td>
<td>Sara M. Lieb, 0351, Clerk III</td>
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<td>Janet A. Marbury, 7168, Clerk III</td>
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<td>Adeline Matthis, 0333, Clerk III</td>
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<td>00-10-13-000</td>
<td>Patricia L. McWard, 6969, Clerk III</td>
<td>N</td>
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<tr>
<td>00-10-13-000</td>
<td>Marianne Mosey, 0362, Clerk III</td>
<td>N</td>
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**Total Salary**

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<td>(3 240)</td>
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<th>Account Number</th>
<th>Description</th>
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<td>00-10-13-000</td>
<td>Dorothy J. Rodman, 7306, Clerk III</td>
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<td>Constance C. Wilhelm, 0344, Clerk III</td>
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<td>Mary A. Ryan, 0355, Typing Clerk II</td>
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<td>00-10-13-000</td>
<td>Frances Ann Jacobs, 5348, Typing Clerk II</td>
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<td>00-10-13-000</td>
<td>Rita R. Rund, 0355, Typing Clerk II</td>
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<tr>
<td>00-10-13-000</td>
<td>Willeta M. Hassell, 0338, Clerk-Tabulator II</td>
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<td>00-10-13-000</td>
<td>Clarine M. Hatfield, 0331, Clerk-Tabulator II</td>
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<tr>
<td>00-10-13-000</td>
<td>Nancy M. Logan, 7163, Clerk-Tabulator II</td>
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<td>00-10-13-000</td>
<td>Janet E. Ryan, 7204, Clerk-Tabulator II</td>
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<td>00-10-13-000</td>
<td>Lois E. Baker, 7109, Clerk-Typist II</td>
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<tr>
<td>00-10-13-000</td>
<td>Carol A. Benschneider, 0375, Clerk-Typist II</td>
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<tr>
<td>00-10-13-000</td>
<td>Jo Ann Best, 0339, Clerk-Typist II</td>
<td>N</td>
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### Accountancy Committee Revolving

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<tr>
<td>40-10-13-000</td>
<td>Indirect Costs</td>
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#### Indirect Costs — Admissions and Records

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<td>40-10-13-000</td>
<td>Indirect Costs — Admissions and Records</td>
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#### Accountancy Committee Revolving

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<tr>
<td>12-10-13-001</td>
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#### Entrance Examinations Revolving

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#### Legal Counsel

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<tr>
<td>00-10-15-000</td>
<td>Legal Counsel</td>
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</table>
3. John J. Templin, 5195, Assistant Legal Counsel............. N $9,300
4. , 5098, Assistant Legal Counsel............. N $7,800
5. Marjorie M. Beasley, 0405, Clerk-Stenographer III........ N $3,600
6. Ruth A. Issacs, 5206, Clerk-Stenographer III............. N $3,750
7. Mary N. Fickel, 0404, Secretary (Stenographic)........... N $5,880
Total, Legal Counsel....................................... $49,630

Nonacademic Personnel

Account Number 00-10-16-000

1. Cynthia R. Jordan, 6664, Personnel Assistant II............. N $3,900
2. Grace M. Gifford, 0370, Administrative Clerk.............. N $6,960
3. Doris K. Wylie, 0382, Chief Clerk.......................... N $4,320
4. Judith A. Primmer, 0381, Clerk-Typist II.................. N $3,060
5. Barbara G. Stephens, 0383, Clerk-Typist II................. N $1,530
6. Geraldine Meeden, 0384, Clerk-Typist III.................. N $3,720
7. Shirley J. Runyon, 0378, Clerk-Typist III.................. N $3,360
8. Ruth E. Harris, 0366, Assistant Director of Nonacademic Personnel........................................... N $10,230
9. Irene K. Dorsey, 0375, Visiting Nurse........................ N $4,880
10. Robert G. Summers, 0317, Personnel Officer I.............. N $6,600
11. Donald R. Volm, Personnel Officer I........................ N $6,000
12. William J. Hylbert, 0374, Placement Officer................. N $6,600
13. Donald W. Swift, 0369, Placement Officer................... N $6,600
14. Anabel C. Gilroy, 0372, Secretary (Stenographic)........ N $6,210
Total, Nonacademic Personnel.................................. $73,890

Stenographic Service

Account Number 09-10-16-978

1. , 0396, Clerk II........................................... N $2,220
2. Gwendolyn G. Baud, 0380, Clerk III......................... N $3,420
3. Linda L. Vandervort, 7484, Typing Clerk II............... N $2,520
4. , 0397, Typing Clerk II.................................. N $2,280
5. Barbara J. Bender, 7347, Clerk-Typist II................N $1,560
7. Carol J. Dawson, 0394, Clerk-Typist II.................... N $2,760
8. , 7373, Clerk-Typist II.................................. N $2,520
9. Harriett E. Hines, 0390, Duplicating Machine Operator II N $2,760
13. Esther C. Landin, 0387, Duplicating Service Supervisor.. N $7,060
14. , 0398, Var-Typist II.................................... N $2,880
Total, Stenographic Service................................... $44,470

Indirect Costs — Nonacademic Personnel

Account Number 40-10-16-000

1. Myrna A. Babat, 0379, Clerk-Typist III..................... N $3,300
Total, Indirect Costs — Nonacademic Personnel................ $3,300

Public Information

Account Number 00-10-18-000

1. Mildred H. Koller, 7195, Clerk-Typist II.................... N $3,180
2. , 1749, Clerk-Typist III.................................. N $3,360
3. Robert W. Evans, 7171, Assistant Director of Public Information.................................................. N $8,400
4. A. R. Wildhagen, 1745, Assistant Director of Public Information.................................................. N $9,400
5. Helen H. Ogata, 1748, Secretary (Stenographic)............. N $5,310
7. Ruth E. Weinard, 1759, Editorial Writer..................... N $4,560
Total, Public Information...................................... $39,700
### Blueprinting and Photography Service

<table>
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<th>Salary</th>
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<tbody>
<tr>
<td>00-10-18-006</td>
<td>Elizabeth A. Moore, 1741, Clerk II.</td>
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<tr>
<td>00-10-18-006</td>
<td>Mary Flandorfer, 1742, Typing Clerk I.</td>
<td>$2,670</td>
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<tr>
<td>00-10-18-006</td>
<td>James L. Tarr, 1734, Manager of Photographic Laboratory</td>
<td>8,200</td>
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<tr>
<td>00-10-18-006</td>
<td>Charles S. Lane, 1740, Assistant Manager of Photographic Laboratory</td>
<td>5,880</td>
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<tr>
<td>00-10-20-000</td>
<td>Kenneth D. Lester, 1736, Assistant Manager of Photographic Laboratory</td>
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<tr>
<td>00-10-21-000</td>
<td>Charles A. Carrington, 1735, Photographer II.</td>
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<td>00-10-21-000</td>
<td>Richard L. Swanson, 7340, Photographer II.</td>
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<td>00-10-21-000</td>
<td>Vernon D. Turpin, 1738, Photographer II.</td>
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<td>00-10-21-000</td>
<td>Olive E. Mason, 1737, Photographer I.</td>
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<tr>
<td>00-10-21-000</td>
<td>Ben R. Jeffords, 7461, Photographic Technician I</td>
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<tr>
<td>10-11-22-000</td>
<td>7167, Photographic Technician I.</td>
<td>3,120</td>
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<tr>
<td>10-11-22-000</td>
<td>7144, Photographic Technician I.</td>
<td>2,700</td>
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<td>10-11-22-000</td>
<td>7143, Photographic Technician I.</td>
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<td>10-11-22-000</td>
<td>7124, Photographic Technician I.</td>
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<td>Marjorie F. Burgess, 7759, Photographic Technician II</td>
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**Total, Blueprinting and Photography Service** | $61,990

#### Dean of Students

<table>
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<tbody>
<tr>
<td>00-10-20-000</td>
<td>Joyce L. Feddersen, 6096, Personnel Assistant I.</td>
<td>$3,180</td>
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<tr>
<td>00-10-20-000</td>
<td>Twila C. Jarrett, 0407, Clerk-Stenographer II.</td>
<td>3,060</td>
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<tr>
<td>00-10-20-000</td>
<td>Mary A. Schurtz, 6110, Clerk-Stenographer II.</td>
<td>3,120</td>
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<tr>
<td>00-10-20-000</td>
<td>Frances R. Fechtig, 0409, Clerk-Stenographer III</td>
<td>3,420</td>
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<tr>
<td>00-10-20-000</td>
<td>Cherie D. Lenz, 0411, Clerk-Typist III.</td>
<td>3,930</td>
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<tr>
<td>00-10-20-000</td>
<td>India Mathis, 0410, Placement Officer.</td>
<td>5,970</td>
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<tr>
<td>00-10-20-000</td>
<td>Hazel A. Yates, 0406, Administrative Secretary (Stenographic)</td>
<td>7,890</td>
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<tr>
<td>00-10-20-000</td>
<td>Ralph E. Fletcher, Jr., Assistant to Dean of Students</td>
<td>7,890</td>
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**Total, Dean of Students - General** | $30,480

#### Dean of Men

<table>
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<tr>
<td>00-10-21-000</td>
<td>Janice Y. Burkholder, 0412, Clerk-Stenographer II</td>
<td>$1,500</td>
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<tr>
<td>00-10-21-000</td>
<td>Delavenna F. Storm, 7157, Clerk-Stenographer II</td>
<td>3,000</td>
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<tr>
<td>00-10-21-000</td>
<td>Mary Ann Andrews, 0408, Secretary (Stenographic)</td>
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**Total, Dean of Men** | $8,490

#### Dean of Women

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<td>00-10-22-000</td>
<td>Marjorie J. DeFries, 0422, Chief Clerk.</td>
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<td>00-10-22-000</td>
<td>Evelyn M. Buckley, 0423, Clerk-Stenographer II.</td>
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<tr>
<td>00-10-22-000</td>
<td>Carolyn M. Ohl, 6057, Clerk-Stenographer II.</td>
<td>2,910</td>
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<tr>
<td>00-10-22-000</td>
<td>Mary A. Reiman, 0425, Clerk-Stenographer II.</td>
<td>3,000</td>
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<tr>
<td>00-10-22-000</td>
<td>Bonnie A. Venzke, 0424, Clerk-Stenographer III.</td>
<td>3,720</td>
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<tr>
<td>00-10-22-000</td>
<td>Mary C. Jeffords, 0421, Secretary (Transcribing)</td>
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**Total, Dean of Women** | $23,490

#### Housing Division

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<tr>
<td>00-10-23-000</td>
<td>Joan L. Kravcik, 0481, Clerk-Stenographer II.</td>
<td>$2,940</td>
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<td>00-10-23-000</td>
<td>Edith A. Campbell, 0480, Clerk-Typist II.</td>
<td>2,940</td>
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<td>00-10-23-000</td>
<td>Clara D. Fay, 0474, Housing Coordinator.</td>
<td>7,200</td>
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<tr>
<td>00-10-23-000</td>
<td>Stanley W. Rahn, 0473, Assistant Director of Housing for Off-Campus Housing</td>
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### Coordinating Placement Office

Account Number 00-10-26-000

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<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Clerk - Stenographer III</td>
<td>Patricia D. Sembright</td>
<td>6602</td>
<td>$2,700</td>
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<tr>
<td>Placement Officer</td>
<td>Albert Kaufman, Jr.</td>
<td>0479</td>
<td>$1,800</td>
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**Total, Coordinating Placement Office**: $4,500

### Security Office

Account Number 00-10-28-000

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<th>Name</th>
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<th>Salary</th>
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<tr>
<td>Clerk II</td>
<td>Ruth C. Heicke</td>
<td>0478</td>
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<tr>
<td>Typing Clerk II</td>
<td>Albert Kaufman, Jr.</td>
<td>0479</td>
<td>$1,800</td>
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**Total, Security Office**: $4,500

### Health Service

Account Number 00-10-30-000

<table>
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<th>Name</th>
<th>Account Number</th>
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<tbody>
<tr>
<td>Clerk - Stenographer II</td>
<td>Scherlack</td>
<td>7132</td>
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**Total, Health Service**: $84,490

### Auxiliary — McKinley Hospital

Account Number 18-10-31-720

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**Total, Auxiliary — McKinley Hospital**: $19,700
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Total, Statistical Service Unit: $103,800
INDIRECT COSTS — STATISTICAL SERVICE UNIT
Account Number 40-10-31-000
1. Bud J. Meador, 0791, Tabulating Machine Supervisor........ N $ 7,530
2. Donald C. Furtkamp, 5490, Assistant Tabulating Machine
   Supervisor................................................................ N 5,160
3. ————, 7537, Assistant Tabulating Machine Super-
   visor........................................................................ N 4,960
Total, Indirect Costs — Statistical Service Unit........ $17,670

Central Office on the Use of Space
Account Number 00-10-44-000
1. Sheila Puklin, 7492, Clerk-Stenographer III ............... N $ 3,720
Total, Central Office on the Use of Space.................. $ 7,200

Instructional Television
Account Number 00-10-45-000
1. ————, Radio Program Assistant......................... N50 $ 2,100
Total, Instructional Television................................ $ 2,100

University Honors Programs
Account Number 00-10-48-000
1. Mary L. Scheulin, 7777, Clerk-Stenographer II ........... N $ 3,060
Total, University Honors Programs......................... $ 3,060

Alumni Relations and Records
Account Number 00-10-50-000
1. Lovetta J. Bailey, 1759, Clerk II ......................... N $ 2,580
2. Velma L. Geisinger, 1754, Clerk II ...................... N 2,700
3. Kathryn L. Van Cleave, 1761, Clerk II .................. N 2,700
4. Barbara J. Vaughn, 1752, Clerk II ....................... N 3,000
5. Nancy L. Mayfield, 1753, Clerk III ...................... N 3,150
6. Louise H. Parker, 6692, Chief Clerk .................... N 3,900
7. Hazel G. Canfield, 1762, Typing Clerk II ............... N 3,240
8. Marlene R. Lewis, 1758, Typing Clerk II ............... N 2,520
9. Joan L. Smock, 1760, Typing Clerk II ................... N 2,400
10. Patricia A. Keating, 1757, Clerk-Stenographer II ...... N 3,060
11. Suzanne C. Fess, 1751, Clerk-Stenographer III ...... N 3,720
Total, Alumni Relations and Records......................... $33,120

Illini Center
Account Number 00-10-53-000
1. Dorothy M. Carmichael, 0494, Chief Clerk................. N $ 5,370
2. Patricia T. Timm, 0495, Clerk-Stenographer II .......... N 4,140
Total, Illini Center............................................... $ 9,510

Building Program Committee
Account Number 00-10-62-000
1. Judith A. Hosler, 0491, Clerk-Typist II ............... N $ 2,520
Total, Building Program Committee........................ $ 2,520

Committee on Student English
Account Number 00-10-68-000
1. ————, 7217, Clerk-Typist I ......................... G50 $ 900
   (Nine months)
2. ————, 0492, Clerk-Typist III ......................... N 3,180
Total, Committee on Student English...................... $ 4,080

Safety and Accident Compensation
Account Number 00-10-94-000
1. Shirley P. Kelley, 7223, Clerk-Stenographer III ...... N $ 3,570
2. John Morris, 7410, Safety Coordinator................. N 9 700
3. Max N. Pike, 5451, Supervisor of Accident Compensation N 6 600
Total, Safety and Accident Compensation................ $16 300

Workmen's Compensation
Account Number 44-19-65-001
1. Alfreda G. Mitchell, 5933, Clerk-Stenographer II........ N $3 240
2. Charles B. Wingstrom, 7394, Safety Inspector........... N 7 950
Total, Workmen's Compensation.............................. $11 190

COLLEGE OF AGRICULTURE
Administration
Account Number 00-15-01-100
1. D. A. Gillespie, 5586, Division Chief Accountant........ N $10 500
2. Robert E. Sullivan, 5912, Accountant II................ N 7 300
3. Elmor A. Corley, 6012, Clerk III...................... N 4 200
4. Eunice M. Mayhood, 6031, Accounting Clerk I........... N 3 720
5. Mabel I. O'Neill, 6029, Chief Clerk.................. N 5 880
6. Evelyn Z. Bowie, 6007, Clerk-Stenographer III......... N 3 660
7. Marvus A. Fitzsimmons, 6910, Clerk-Typist II........ N 2 400
8. Eugene E. Lowry, 6003, Office Supervisor.............. N 5 820
Total, Administration (College).............................. $32 040

Station
Account Number 00-15-01-300
1. Carol M. Burton, 6421, Accountant I................... N $5 400
2. Robert E. Sullivan, 5912, Accountant II................ N 7 320
3. Patsy A. Close, 1218, Editorial Assistant............. N 4 680
4. ................., 1213, Clerk I.................... N 2 400
5. ................., 1216, Clerk II.................. N 2 880
6. Margaret G. Silver, 1201, Clerk II.................... N 3 000
7. Mary E. Turner, 1200, Clerk II....................... N 3 300
8. Dorothy M. Conover, 1194, Clerk III.................. N 3 240
9. Dorothy K. Waller, 1192, Clerk III.................... N 4 200
10. Elizabeth Brown, 1207, Chief Clerk.................... N 5 040
11. Franklin G. Boyer, 1214, Stores Clerk................ N 3 360
12. Connie M. Myers, 1211, Typing Clerk I................ N 2 700
13. Betty A. Bruns, 1212, Typing Clerk II................ N 2 940
14. ................., 7529, Typing Clerk II............. N 2 400
15. Geraldine M. Baker, 1215, Clerk-Stenographer II..... N 3 420
16. Sharon K. Young, 5916, Clerk-Stenographer III....... N 3 240
17. ................., 6721, Clerk-Typist I............. N 2 520
18. Mary F. Black, 1208, Clerk-Typist II............... N 2 400
19. Marijelle Dean, 1209, Clerk-Typist II................. N 3 000
20. Rosemary I. Judy, 1217, Clerk-Typist II.............. N 3 000
21. Carol A. Maris, 1198, Clerk-Typist II................. N 1 950
22. ................., 1198, Clerk-Typist II........... N 5 40
23. Judith P. Blackford, 1193, Clerk-Typist III......... N 3 000

Total, Administration (Station).............................. $38 400

Extension
Account Number 00-15-01-400
1. Larry G. Hess, 7669, Accountant I................... N $4 680
2. Christ P. Sarro, 7581, Commercial Artist I........... N 4 200
3. Patricia A. Close, 1218, Editorial Assistant........ N 4 680
4. ................., 1213, Clerk I.................... N 2 400
5. ................., 1216, Clerk II.................. N 2 880
6. Margaret G. Silver, 1201, Clerk II.................... N 3 000
7. Mary E. Turner, 1200, Clerk II....................... N 3 300
8. Dorothy M. Conover, 1194, Clerk III.................. N 3 240
9. Dorothy K. Waller, 1192, Clerk III.................... N 4 200
10. Elizabeth Brown, 1207, Chief Clerk.................... N 5 040
11. Franklin G. Boyer, 1214, Stores Clerk................ N 3 360
12. Connie M. Myers, 1211, Typing Clerk I................ N 2 700
13. Betty A. Bruns, 1212, Typing Clerk II................ N 2 940
14. ................., 7529, Typing Clerk II............. N 2 400
15. Geraldine M. Baker, 1215, Clerk-Stenographer II..... N 3 420
16. Sharon K. Young, 5916, Clerk-Stenographer III....... N 3 240
17. ................., 6721, Clerk-Typist I............. N 2 520
18. Mary F. Black, 1208, Clerk-Typist II............... N 2 400
19. Marijelle Dean, 1209, Clerk-Typist II................. N 3 000
20. Rosemary I. Judy, 1217, Clerk-Typist II.............. N 3 000
21. Carol A. Maris, 1198, Clerk-Typist II................. N 1 950
22. ................., 1198, Clerk-Typist II........... N 5 40
23. Judith P. Blackford, 1193, Clerk-Typist III......... N 3 000
25. Patricia Meyers, 1197, Junior Illustrator .......... N 3 900
26. William N. Jenkins, 1226, Duplicating Machine Operator I N 3 060
27. Ronald D. Reynolds, 1224, Duplicating Machine Operator II .......... N 3 120
30. Grace M. Haines, 1222, Office Appliance Operator II .......... N 3 180
31. Ronald B. Hudson, 1225, Office Appliance Operator II .... N 2 760
32. Rose Marie Dunn, 6373, Tabulating Machine Operator 1 .... N 3 300
33. L. Katherine Darland, 1190, Secretary (Stenographic) ... N 5 400
34. Ronald J. Smith, 1220, Storekeeper .......... N 4 650
35. Marion F. Berry, 1188, Office Supervisor .......... N 7 200

Total, Administration (Extension) .......... $121 380

Agricultural Mimeographing Service
Account Number 09-15-01-902
1. Margaret A. Bailey, 6820, Clerk I .......... N $ 2 520
2. Charles H. Metzel, Jr., 7302, Clerk I .......... N 2 400
4. Rene Lara, 6141, Duplicating Machine Operator I .......... N 1 320
5. 7057, Duplicating Machine Operator I .......... N 2 520

Total, Agricultural Mimeographing Service .......... $13 860

Agricultural Departmental Revolving
Account Number 12-15-01-316
1. Delmar L. Hillman, 6318, Clerk III .......... N $ 4 200
2. Vivian V. Walker, 7304, Clerk-Typist II .......... 1 822
(TM Salary) .......... ZZ05 (2 880)
3. 6984, Office Appliance Operator I .......... N 1 350

Total, Agricultural Departmental Revolving .......... $ 7 422

Agricultural Sales Revolving
Account Number 12-15-01-378
1. Roy F. Michael, 1032, Storekeeper .......... N $ 4 950

Total, Agricultural Sales Revolving .......... $ 4 950

Hatch — Administration — General Administration of Federal Funds
Account Number 21-15-01-301
1. Dean R. Archer, 1187, Clerk II .......... N 50 $ 1 500

Total, Hatch — Administration — General Administration of Federal Funds .......... $ 1 500

Robert Allerton Park
Account Number 44-15-01-401
1. Buckner Carnder, 1766, Park Attendant .......... N $ 4 380
2. Ene E. Evans, 1765, Park Attendant .......... N 4 380
3. Ervin W. Isom, 1768, Park Attendant .......... N 4 380
4. James G. Rogers, 1767, Park Attendant .......... N 4 380
5. Evelyn K. Mcintyre, 5231, Clerk I .......... N 50 1 350
6. Myrline F. Buckingham, 1763, Park Foreman .......... N 4 860
(Pernisities University — housing)
7. Gerald J. Sites, 5955, Maintenance Worker .......... N 4 740

Total, Robert Allerton Park .......... $28 620

Cooperative Investigations
VARIOUS DONORS — URBAN 4-H CLUB WORK
Account Number 44-15-01-488
1. Marlene J. Aaron, 7397, Clerk-Stenographer III .......... N $ 4 500
### U.S. International Cooperation Administration — Foreign Visitors

Account Number 46-15-01-128

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<tr>
<td>Arlene J. Bailey</td>
<td>Clerk-Typist III</td>
<td>0286</td>
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<td>Mary Svetez</td>
<td>Secretary (Stenographic)</td>
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<td>$360</td>
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**Total, U.S. International Cooperation Administration — Foreign Visitors**

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**Agricultural Economics**

Account Number 00-15-05-100

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**Total, Agricultural Economics (College)**

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<td>Doris M. Roush</td>
<td>Clerk II</td>
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<td>Mary Margaret Graham</td>
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<td>Frances C. Frick</td>
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<td>Thelma S. O'Neil</td>
<td>Chief Clerk</td>
<td>0944</td>
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<td>Anne M. Price</td>
<td>Clerk-Stenographer II</td>
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<td>Norma B. Rosendale</td>
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**Total (Salary)**

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<td>00-15-05-326</td>
<td>Clerk Typist II</td>
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<td>Audrey I. Wynn</td>
<td>Typing Clerk II</td>
<td>0236</td>
<td>$1,470</td>
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<tr>
<td>Margaret R. Henry</td>
<td>Office Appliance Operator I</td>
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<td>$2,400</td>
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<td>Ruth Gorrell</td>
<td>Secretary (Stenographic)</td>
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<td>Dolores L. Bowers</td>
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**Total, Agricultural Economics (Station)**

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<th>Salary</th>
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<tr>
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**Total, Farm Management Service**

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<td>Office Appliance Operator I</td>
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<tr>
<td>12-15-05-326</td>
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<td>12-15-05-326</td>
<td>Office Appliance Operator I</td>
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<td>Ruth A. Hunt</td>
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**Total, Farm Accounting Revolving**

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<td>Office Appliance Operator II</td>
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**Total, Hatch — Economics — Farm Accounting Investigation**

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<tr>
<td>Dorris M. Albin</td>
<td>Office Appliance Operator II</td>
<td>0692</td>
<td>$2,640</td>
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<td>Margaret R. Henry</td>
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**Total, Hatch — Economics — Land Use Crop Utilization**

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<td>Clerk-Stenographer II</td>
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<td>$1,500</td>
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<tr>
<td>3050</td>
<td>Office Appliance Operator II</td>
<td>$2,520</td>
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Hatch — Economics — Expanding Milk Markets
Account Number 21-15-05-343
1. Sally Q. Reiss, 6614, Clerk-Typist II. N $ 2,610
   Total, Hatch — Economics — Expanding Milk Markets $ 2,610

Hatch — Economics — Terminal Market Quotation NCM14
Account Number 21-15-05-362
1. ————, 0958, Clerk-Stenographer II N $ 2,820
   Total, Hatch — Economics — Terminal Market Quotation NCM14 $ 2,820

Hatch — Economics — Cooperative Livestock Marketing in Illinois NCM18
Account Number 21-15-05-369
1. ————, 0959, Clerk-Typist II N $ 2,520
   Total, Hatch — Economics — Cooperative Livestock Marketing in Illinois NCM18 $ 2,520

Hatch — Economics — Supply Marketing Price of Fats and Oils
Account Number 21-15-05-373
1. ————, 6823, Clerk-Typist II N $ 2,640
   Total, Hatch — Economics — Supply Marketing Price of Fats and Oils $ 2,640

Hatch — Economics — Analysis of Farm Price and Income
Account Number 21-15-05-381
1. Dolores L. Bowers, 0953, Statistician I ZN85 $ 3,000
   Total, Hatch — Economics — Analysis of Farm Price and Income $ 3,000

Hatch — Economics — Measuring Farm Produce Demand
Account Number 21-15-05-383
1. Deanna K. Spencer, 0954, Clerk-Typist III N $ 3,540
   Total, Hatch — Economics — Measuring Farm Produce Demand $ 3,540

Regional Research Fund — Economics — Dairy Marketing NCM12
Account Number 23-15-05-341
1. Betty I. Hansen, 5059, Clerk II ZN78 $ 2,220
   Total, Regional Research Fund — Economics — Dairy Marketing NCM12 $ 2,220

Regional Research Fund — Economics — Dairy Marketing Trust NCM12
Account Number 23-15-05-344
1. Patricia J. Barham, 5592, Clerk-Typist III N $ 3,210
   Total, Regional Research Fund — Economics — Dairy Marketing Trust NCM12 $ 3,210

Agricultural Engineering
Account Number 00-15-10-100
1. Marjorie G. Freebairn, 0960, Clerk III N $ 3,870
2. Joanne K. Ritz, 0972, Clerk-Typist II N $ 1,410
3. ————, 0972, Clerk-Typist II N $ 1,350
4. F. R. Wiley, 0973, Senior Laboratory Mechanic N $ 5,880
   Total, Agricultural Engineering (College) $ 12,510

Station
Account Number 00-15-10-300
1. William F. Baker, 7737, Accountant I N $ 4,800
2. Cecil G. Marsh, 0975, Junior Laboratory Attendant N $ 3,900
3. Arthur L. Carlson, 0974, Senior Laboratory Attendant N $ 4,770
4. Ruth C. Mann, 7243, Clerk-Typist II N $ 1,590
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<th>No.</th>
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<tr>
<td>6.</td>
<td>Georgianna Noel</td>
<td>0977</td>
<td>Architectural Draftsman</td>
<td>$3,900</td>
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<td>7.</td>
<td>Kenneth R. Umharger</td>
<td>6835</td>
<td>Fieldman</td>
<td>$4,440</td>
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<td>8.</td>
<td>Roy W. Brockett</td>
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<td>Senior Laboratory Mechanic</td>
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**Hatch — Engineering — Efficiency in Farm Buildings**

Account Number 21-15-10-374
1. James R. Johnstone, 7111, Junior Laboratory Mechanic
   (Total Salary) ........................................ $2,400

**Cooperative Investigations**

ALUMINUM COMPANY OF AMERICA — FARM STRUCTURES
Account Number 44-15-10-303
1. James R. Johnstone, 7111, Junior Laboratory Mechanic
   (Total Salary) ........................................ $2,400

STATE OF ILLINOIS DIVISION OF HIGHWAYS — ROADSIDE COVER
Account Number 47-15-10-374
1. Clifford W. Schilling, 7685, Junior Laboratory Mechanic
   (Total Salary) ........................................ $4,800

**Agricultural Entomology**

Regional Research Fund — Entomology — Migration Insect Control in Illinois NC29
Account Number 23-15-12-314
1. Faye J. Townsend, 7435, Senior Laboratory Attendant
   (Total Salary) ........................................ $2,970

**College**

Agronomy
Account Number 00-15-15-100
1. Virginia R. Patton, 0681, Clerk III
   (Total Salary) ........................................ $2,190
2. Susie G. Webster, 0684, Clerk-Typist II
   (Total Salary) ........................................ $3,330
3. Cecile E. Schlarman, 0679, Office Supervisor
   (Total Salary) ........................................ $6,000

**Station**

Account Number 00-15-15-300
1. John M. Parker, 7639, Scientific Analyst
   (Total Salary) ........................................ $4,260
2. Francis P. Conerty, 0695, Junior Laboratory Attendant
   (Total Salary) ........................................ $4,040
3. Albert H. Hatchett, 0692, Junior Laboratory Attendant
   (Total Salary) ........................................ $3,900
4. Nelle G. Pieper, 0692, Junior Laboratory Attendant
   (Total Salary) ........................................ $3,900
5. Lulu B. Meyers, 0686, Chief Clerk
   (Total Salary) ........................................ $6,000
6. Norma J. Templin, 6616, Chief Clerk
   (Total Salary) ........................................ $3,540
7. Jean A. Swanson, 7025, Statistical Clerk
   (Total Salary) ........................................ $2,820
8. Joy M. McCormick, 0683, Typing Clerk II
   (Total Salary) ........................................ $2,580
9. Martha L. Jones, 6507, Clerk-Typist II
   (Total Salary) ........................................ $2,160
10. Quentin A. Calder, 0607, Fieldman
    (Perquisites University — housing) ............... $4,620

11. Marilyn G. Johnson, 0686, Clerk-Typist II
    (Total Salary) ........................................ $2,520
12. Joyce A. Place, 0687, Clerk-Typist II
    (Total Salary) ........................................ $3,060
13. Ingeborg K. Steinke, 0688, Clerk-Typist II
    (Total Salary) ........................................ $3,060
14. David R. Phillips, 7355, Cartographic Draftsman
    (Total Salary) ........................................ $4,500
15. Quentin A. Calder, 0607, Fieldman
    (Total Salary) ........................................ $4,620
16. Herbert M. Hayes, 1002, Fieldman
    (Total Salary) ........................................ $4,620
17. Archie R. Mahaffey, 1001, Fieldman
    (Total Salary) ........................................ $4,620
18. Joseph C. Mitsdarfer, 0699, Fieldman
    (Total Salary) ........................................ $4,620
19. Otis W. Pile, 1003, Fieldman
    (Total Salary) ........................................ $4,620
20. Queto J. Rennier, 1000, Fieldman
    (Total Salary) ........................................ $4,200
21. Clem O. Smith, 9998, Fieldman ....................... N 4 620
22. Richard R. Bell, 1004, Farm Foreman ............. N 5 100
(Perquisites University — housing)
23. L. W. Clapp, 9996, Farm Foreman ................ N 5 370
24. Bob Hudson, 9388, Farm Foreman ................. N 1 620
25. Charles Mahannah, Jr., 1006, Agricultural Gardener .. N 4 500
26. Vivian M. Young, 9990, Office Appliance Operator II ... N 3 000
27. Thelma F. Chalmers, 7024, Statistician I ........ N 3 660
28. Kenneth E. Williams, Crops Testing Technician .... N 5 100

Total, Agronomy (Station) ................................ $1 100

Corn Testing Revolving
Account Number 12-15-15-311
1. ————, 7455, Clerk-Stenographer II ............... N50 $ 1 500
2. Gerald L. Ross, 6966, Crops Testing Technician .. N 5 100

Total, Corn Testing Revolving ................................ $ 6 600

Hatch—Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois
Account Number 21-15-15-362
1. Ilona Sandorfi, 5307, Draftsman .................. N $ 3 600

Total, Hatch—Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois... $ 3 600

Hatch—Agronomy — Measurement Production Rate RTO
Account Number 21-15-15-372
1. Elvera Keen, 6091, Clerk II ..................... N $ 3 180

Total, Hatch—Agronomy — Measurement Production Rate RTO ........................................ $ 3 180

Hatch—Agronomy — Physics of Water AK
Account Number 21-15-15-381
1. Clarence W. Hayden, 6690, Junior Laboratory Attendant N 39 $ 1 619

Total, Hatch—Agronomy — Physics of Water AK... $ 1 619

Cooperative Investigations
ILLINOIS SEED PRODUCERS — CORN
Account Number 44-15-15-346
1. Donald E. Cler, 6203, Fieldman ................ N $ 4 500

U.S. NATIONAL SCIENCE FOUNDATION G 3358
Account Number 46-15-15-358
1. Mary E. Fisher, 6891, Senior Laboratory Attendant.... N $ 4 380

U.S. NATIONAL SCIENCE FOUNDATION G 4407
Account Number 46-15-15-359
1. Donna J. Flesher, 6525, Senior Laboratory Attendant... N $ 4 380

College
Account Number 00-15-20-100
1. Richard F. Beard, 1013, Clerk III ................ N $ 3 660
2. Roberta L. Golden, 1017, Clerk-Stenographer II .... N 2 910
3. Pat K. Cargnolli, 6095, Clerk-Stenographer III .... N 1 905
(Total Salary) ........................................... (3 210)
4. Ardeth L. Bricker, 1022, Clerk-Typist II .......... N 2 910
5. James W. Butler, 1054, Fieldman ................ N 4 620
6. Wesley E. Schulthes, 1056, Fieldman ............. N 4 620
7. Maurice Key, 1023, Supervising Farm Foreman .... N 5 820
(Perquisites University — housing)
8. John B. Cogswell, 1026, Herdsman Foreman ....... N $ 5 280
(Perquisites University — housing)
9. Ted R. Brittenham, 1046, Herdsman .............. N 4 620
10. W. A. Majors, 1045, Herdsman ................ N 4 620
11. Thorne L. Matteson, 1048, Herdsman ............ N 4 620

Animal Science

[July 21]
### 12. Ervin L. Nordling, 1051, Poultryman

**Account Number**: 00-15-20-300

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### 13. Linetta M. Parry, 1012, Secretary (Stenographic)

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### Hatch — Animal Science — Animal Nutrition

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**Total, Hatch — Animal Science — Animal Nutrition**

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### Hatch — Animal Science — Beef Cattle from Non-corn Acreage

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**Total, Hatch — Animal Science — Beef Cattle from Non-corn Acreage**

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<td>2. Norma L. Hulls, 1238, Typing Clerk I</td>
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<td>3. Betty L. Hettinger, 1235, Typing Clerk I</td>
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<td>4. Betty L. Hettinger, 1231, Typing Clerk II</td>
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<td>5. M. Carol Erb, 1232, Clerk-Typist I</td>
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<td>6. Sharon P. Harker, 1234, Clerk-Typist I</td>
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<td>7. Carroll Linda Smith, 1233, Clerk-Typist I</td>
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<td>8. Laurelle M. Tagge, 1239, Clerk-Typist I</td>
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<td>9. Irma J. Wienke, 1228, Clerk-Typist III</td>
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<td>10. Mildred M. Lair, 1227, Office Supervisor</td>
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**Total, County Home Extension** |  |  | $31,380 |

### Dairy Science

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<td>1. Francis E. Althaus, 1069, Junior Laboratory Attendant</td>
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<td>2. Jo Ann M. Dunlap, 1068, Clerk-Stenographer II</td>
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<td>3. Marjorie M. Hildreth, 1069, Clerk-Stenographer III</td>
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<td>4. Virginia L. Hahl, 1067, Clerk-Stenographer III</td>
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<td>5. Terry L. Branz, 1064, Clerk-Typist II</td>
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<td>6. Elizabeth A. Teuscher, 1066, Clerk-Typist II</td>
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<td>7. Raymond Enyart, 1082, Herdsman</td>
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<td>9. Harold J. Menacher, 1090, Herdsman</td>
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<td>10. Paul D. Moore, 1085, Herdsman</td>
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<td>11. Charles S. Spitz, 1087, Herdsman</td>
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<td>12. I. Rhea Adams, 1059, Secretary (Stenographic)</td>
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**Total, Dairy Science (College)** |  |  | $45,984 |

### Station

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<td>2. Joseph Pohl, 7717, Accounting Clerk I</td>
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<td>3. Nedra K. Priddemore, 1074, Clerk-Stenographer II</td>
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<td>4. Kathryn A. Hoffman, 1068, Clerk-Typist II</td>
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<td>5. S. A. Hollingsworth, 6173, Clerk-Typist II</td>
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<td>6. Rita L. Youmans, 1067, Clerk-Typist II</td>
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<td>7. Burford E. Hammitt, 1092, Fieldman</td>
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<td>8. Russel R. Layman, 1081, Fieldman</td>
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<td>9. Henry L. Wann, 1091, Fieldman</td>
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<td>10. Fay Campbell, 1070, Farm Foreman</td>
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<td>12. Leslie L. Elder, 1089, Herdsman</td>
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<td>14. Paul F. Hallowell, 1084, Herdsman</td>
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<td>15. Arthur E. Miller, 1075, Herdsman</td>
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<td>16. Clarence R. Millsap, 1095, Herdsman</td>
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<td>17. Robert Lee O'Bryan, 1097, Herdsman</td>
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<td>19. Charles G. Peyton, 1094, Herdsman</td>
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<td>20. Eugene S. Poehler, 1093, Herdsman</td>
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<td>21. Frank Seiler, 1083, Herdsman</td>
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<td>22. Warren R. Smith, 1079, Herdsman</td>
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<td>23. Orville C. Starrett, 1077, Herdsman</td>
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**Total, University of Illinois (College)** |  |  | $10,740 |
24. Virgil D. Unzicker, 1066, Herdsman........................................ N 4 380
25. James A. Voss, 1076, Herdsman........................................ N 4 800
26. Lawrence E. Williams, 1080, Herdsman.............................. N 4 620

Total, Dairy Science (Station)........................................... $111 753

Dairy Official Testing Revolving
Account Number 12-15-35-316
1. Terry L. Branz, 1064, Clerk-Typist II......................... ZN6 $ 156
   (Total Salary) .......................................................... (2 400)
2. Sherman M. Dockum, 1105, Advanced Registry Tester... N 3 900
3. Charles K. Hays, 1102, Advanced Registry Tester........ N 3 900
4. Henry W. Hern, 1107, Advanced Registry Tester.......... N 3 900
5. William A. Wilson, 1104, Advanced Registry Tester..... N 3 420
6. ........................................, 1108, Advanced Registry Tester. N 3 780

Total, Dairy Official Testing Revolving............................... $19 056

Hatch—Dairy Science—Metabolism in Ruminants
Account Number 21-15-35-315
1. Kathryn A. Hoffman, 1068, Clerk-Typist II............... ZN12 $ 302
   Total, Hatch—Dairy Science—Metabolism in Ruminants........ $ 302

Hatch—Dairy Science—Artificial Insemination
Account Number 21-15-35-316
1. Paul V. Malven, 5591, Senior Laboratory Attendant...... ZN50 $ 2 160
   (Total Salary) .......................................................... (4 320)
2. S. A. Hollingsworth, 6173, Clerk-Typist II............ ZN14 378
   (Total Salary) .......................................................... (2 640)

Total, Hatch—Dairy Science—Artificial Insemination............ $ 2 538

Hatch—Dairy Science—Metabolism
Account Number 21-15-35-317
1. ........................................, 7371, Junior Laboratory Attendant... N $ 3 360
   Total, Hatch—Dairy Science—Metabolism....................... $ 3 360

Indirect Costs—Graduate Study in Dairy Science—Broquist
Account Number 41-15-35-308
1. Harold A. Bond, 7721, Senior Laboratory Attendant..... N $ 3 960

Total, Indirect Costs—Graduate Study in Dairy Science—Broquist.......................... $ 3 960

Cooperative Investigations
NORTHERN-SOUTHERN ILLINOIS COOPERATIVE BREEDING
Account Number 44-15-35-357
1. Paul V. Malven, 5591, Senior Laboratory Attendant...... ZN50 $ 2 160

ROCKEFELLER FOUNDATION—FUNDAMENTAL BIOLOGY
Account Number 44-15-35-373
1. M. Elizabeth Hageman, 6290, Senior Laboratory Attendant N50 $ 2 356
   Total, Rockefeller Foundation—Fundamental Biology...... $ 6 518

U.S. ATOMIC ENERGY COMMISSION PROJECT 21
Account Number 40-15-35-305
1. ........................................, 6363, Junior Laboratory Attendant... N $ 3 480

Dixon Springs Experiment Station
Account Number 00-15-40-300
1. R. W. Anderson, 0921, Senior Laboratory Attendant..... ZN75 $ 3 375
   (Total Salary) .......................................................... (4 500)
   (Perquisites University—lodging)
2. Charlotte R. Benard, 0918, Clerk—Stenographer I........ N 2 700
3. Doris Jean Richards, 7339, Clerk-Stenographer III .......... N 3 420  
4. Robie T. Anderson, 0934, Assistant Farmer .............. N 3 360  
5. Buel L. Bailey, 0929, Assistant Farmer ................. N 3 330  
6. Ernest W. Bailey, 0943, Assistant Farmer .............. ZN19 660  
   (Total Salary) ..................................... (3 540)  
   (Perquisites University — lodging)
7. John R. Bailey, 0933, Assistant Farmer ................. N 3 630  
8. Lowell L. Bailey, 0932, Assistant Farmer .............. N 3 600  
9. James R. Boaz, 0922, Assistant Farmer ................. N 3 600  
10. Maurice E. Burgess, 6744, Assistant Farmer .......... N 3 300  
11. B. W. Hardin, 0927, Assistant Farmer ................. N 3 900  
12. Joe S. Harris, 0938, Assistant Farmer ................. N 3 480  
13. Gerald Klink, 5300, Assistant Farmer ................. N 3 420  
14. Edward Sharp, 0937, Assistant Farmer ................. N 3 360  
15. James Trigg, 0939, Assistant Farmer ................. N 3 660  
16. Maurice R. Wells, 0930, Assistant Farmer .......... N 3 660  
17. Eugene Wise, 0924, Assistant Farmer ................. N 3 540  
   (Perquisites University — lodging) (180)  
18. J. Wayne Mizell, 0925, Farm Foreman ................. N 4 020  
   (Perquisites University — lodging)
19. Earl Williamson, 0926, Farm Foreman ................. N 4 680  
   (Perquisites University — lodging)
20. Thomas E. Lauderdale, 0920, Herdsman Foreman ..... N 4 110  
   (Perquisites University — lodging)
   (Perquisites University — lodging)
22. Irene Fritch, 6706, Housekeeper .................... H 2 520  
23. Roy Brush, 0935, Farm Laborer ..................... N 3 300  
24. Ronald O. Phelps, 0928, Farm Laborer ............. N 3 360  
25. Clarence Tooley, 0936, Farm Laborer ............... N 3 300  
26. Howard Bradley, 7385, Building Mechanic .......... N 3 780  
27. James W. Hemphill, 7386, Building Mechanic ...... N 3 780  
28. Fred Kerley, 7383, Building Mechanic ............ N 3 780  
29. Wayne Lewis, 7384, Building Mechanic .......... N 3 780  
30. Donnie R. Morris, 6108, Farm Mechanic .......... N 3 600  
31. Lee Phelps, 5872, Farm Mechanic ............... N 4 200  
   (Perquisites University — lodging)
32. Leah M. Dunn, 0917, Secretary (Stenographic) .... ZN50 2 940  
   (Total Salary) ..................................... (5 880)  
   (Perquisites University — lodging)

Hatch — Dixon Springs — Pasture, All Projects
Account Number 21-15-40-301

1. Ernest W. Bailey, 0943, Assistant Farmer .......... ZN81 2 880  
   (Perquisites University — lodging)
2. Dee Robinson, 0942, Assistant Farmer ................. N 3 750  
   (Perquisites University — lodging)
3. Leslie Maynor, 7411, Building Mechanic .......... N 3 780  
   Total, Hatch — Dixon Springs — Pasture, All Projects...
   $10 410

Hatch — Dixon Springs — Production and Maintenance of Forage Crops
Account Number 21-15-40-326

1. Claude E. Parks, 0931, Assistant Farmer .......... ZN50 1 710  
   (Total Salary) ..................................... (3 420)
2. Hatch — Dixon Springs — Production and Maintenance of Forage Crops...
   $1 710

Hatch — Dixon Springs — Control of Sheep and Cattle Parasites
Account Number 21-15-40-335

1. Carl B. Aaron, 0931, Assistant Farmer .......... N 3 360  
   Total, Hatch — Dixon Springs — Control of Sheep and Cattle Parasites...
   $3 360
Hatch — Dixon Springs — Silage Made from Component Parts and the Whole of Various Plants
Account Number 21-15-40-338
1. John S. Whiteside, 7797, Farm Mechanic N $ 3,510
   Total, Hatch — Dixon Springs — Silage Made from Component Parts and the Whole of Various Plants N $ 3,510

Regional Research Fund — Dixon Springs — Improving Beef Cattle by Breeding and Selection
Account Number 23-15-40-372
1. Rillis L. Kerley, 5461, Assistant Farmer N $ 3,390
   Total, Regional Research Fund — Dixon Springs — Improving Beef Cattle by Breeding and Selection N $ 3,390

Food Technology
Account Number 00-15-50-100
1. Estelle T. Mann, 1111, Clerk-Typist III N $ 3,450
2. Gracey M. Baker, 1100, Secretary (Stenographic) N 4,800
   Total, Food Technology (College) N $ 8,250

Station
Account Number 00-15-50-300
1. Ralph J. Getz, 1118, Dairy and Food Plant Attendant N $ 4,620
2. W. L. Herriott, 1116, Dairy and Food Plant Attendant N 4,740
3. Walter W. Reinhart, 1117, Dairy and Food Plant Attendant N 4,740
4. ————, 5142, Clerk-Typist II N 2,400
5. ————, 6501, Clerk-Typist II N 2,600
6. Reba N. Corray, 1110, Clerk-Typist III N 3,120
   Total, Food Technology (Station) N $22,220

College
Account Number 00-15-55-100
1. ————, 1120, Clerk-Typist III N $ 3,120
2. Dorothy E. Hanke, 1119, Secretary (Stenographic) N 5,820
   Total, Forestry (College) N $ 8,940

Station
Account Number 00-15-55-300
1. Paul E. Quertermous, 6448, Clerk III ZN 28 $ 1,170
   (Total Salary) ........................................... (4,200)
   Total, Forestry (Station) ........................................... $ 1,170

Hatch — Forestry — Plantations
Account Number 21-15-55-341
1. Lowell L. Ditterline, 1122, Assistant Farmer N $ 3,410
   Total, Hatch — Forestry — Plantations ........................................... $ 3,410

Hatch — Forestry — Water Yields from Lake
Account Number 21-15-55-342
1. Paul E. Quertermous, 6448, Clerk III ZN 72 $ 3,030
   (Total Salary) ........................................... (3,420)
   Total, Hatch — Forestry — Water Yields from Lake ........................................... $ 4,740

College
Account Number 00-15-60-100
1. Rose Mary Brown, 6837, Foods Laboratory Assistant G 50 $ 1,200
   (Nine months)
2. Bernice Newberry, 1131, Foods Laboratory Assistant N 3,450
3. ————, 7278, Clerk I N 2,500
   Total, Home Economics ........................................... $ 8,150
4. Dorothy E. Porter, 1125, Clerk II ........................................ N  2 700
5. Ellen M. Thilker, 7514, Clerk-Typist I ........................ N  2 550
6. Patricia M. Halford, 1130, Clerk-Typist II ....................... N  2 850
7. Rita K. Osterbur, 1128, Clerk-Typist II ........................ N  2 820
8. Jean S. Schneider, 6818, Clerk-Typist II ........................ N  2 700
9. Marilyn S. Mathis, 1126, Clerk-Typist III ...................... N  3 060
10. Mary H. Griffet, 1132, Housekeeper ............................ N  2 880
11. Jeanne L. Hafstrom, 1123, Secretary (Stenographic) ......... N  5 520

Total, Home Economics (College) ..................................... $36 030

Station
Account Number 00-15-60-300
1. Lenora Padgett, 7313, Foods Laboratory Assistant .......... N  $ 2 730
2. Thomas M. Wimmer, Jr., 6929, Distribution Clerk ............ N  3 900
3. Shirley Pryor White, 1127, Clerk-Stenographer .............. N  3 420

Total, Home Economics (Station) .................................. $10 050

Home Economics Cafeteria Revolving
Account Number 12-15-60-212
1. Beatrice C. Harms, 1142, Foods Laboratory Assistant ..... G  $ 2 190
   (Perquisites University — one meal)
   (Nine months)
2. Clara Jackson, 1141, Foods Laboratory Assistant .......... G  2 340
   (Perquisites University — one meal)
   (Nine months)
3. Catherine Montgomery, 1140, Foods Laboratory Assistant G  2 130
   (Perquisites University — one meal)
   (Nine months)
4. Helen L. Turley, 7417, Foods Laboratory Assistant ...... G  2 010
   (Perquisites University — one meal)
   (Nine months)
5. Kathryn I. Van Koten, 1139, Foods Laboratory Assistant G  2 010
   (Perquisites University — one meal)
   (Nine months)

Total, Home Economics Cafeteria Revolving ....................... $10 680

Hatch — Home Economics — Soybeans as Food
Account Number 21-15-60-324
1. Janet A. Schleter, 7306, Scientific Analyst ................. N17  $ 667

Total, Hatch — Home Economics — Soybeans as Food .. $ 667

Horticulture
Account Number 00-15-65-100
1. Jo Ann Wilson, 1144, Clerk III ................................. N  $ 3 420
2. Louise M. Fininis, 1143, Chief Clerk ......................... N  5 700
3. Constance J. Ferguson, 1146, Clerk-Typist II ............... N  3 000

Total, Horticulture (College) ..................................... $12 120

Station
Account Number 00-15-65-300
1. John K. Bouseman, 6165, Junior Laboratory Attendant .... N  $ 3 360
2. Mary G. Corliss, 7121, Senior Laboratory Attendant ....... N  3 960
3. Marcia A. Hediger, 1149, Clerk-Typist II .................... N  2 700
4. Paulette G. Will, 1147, Clerk-Typist II ..................... N  3 000
5. ................................, 6244, Clerk-Typist II ............. N  2 940
6. Clarence A. Gerber, 1155, Agricultural Gardener Foreman N  4 680
7. Ernest O. Hart, 1153, Agricultural Gardener Foreman .... N  5 370
8. Ward T. Matthews, 1152, Agricultural Gardener Foreman N  5 490
9. Walter M. Staszak, 1154, Agricultural Gardener Foreman N  5 440
10. H. W. Mcgee, 1151, Supervising Farm Foreman .......... N  5 610
11. Thomas Arie, 1177, Agricultural Gardener ................ N  4 650
12. Bruce O. Barkley, 1164, Agricultural Gardener........... N 4 440
13. Arthur L. Brummet, 1178, Agricultural Gardener......... N 4 620
14. Robert C. Chancellor, 1162, Agricultural Gardener..... N 4 830
15. Leroy Crawford, 1186, Agricultural Gardener.......... N 4 820
16. Clarence G. Davis, 1173, Agricultural Gardener....... N 4 620
17. Glenn J. Geason, 1172, Agricultural Gardener......... N 4 620
18. Ira F. Gudgel, 1168, Agricultural Gardener........... N 4 620
19. Vernon L. Harris, 1176, Agricultural Gardener....... N 4 620
20. Eliza R. Hawkins, Jr., 1174, Agricultural Gardener... N 4 440
21. Ezra O. Hughes, 1170, Agricultural Gardener........ N 4 620
22. Virgil Kesler, 1165, Agricultural Gardener........... N 4 680
23. Carl H. Mohr, 1171, Agricultural Gardener........... N 4 620
24. Frank C. Myers, 1166, Agricultural Gardener......... N 4 620
25. Francis J. Palmisano, 1167, Agricultural Gardener... N 4 380
26. Julius F. Reinhart, 1175, Agricultural Gardener..... N 4 620
27. Garland Riddell, 1169, Agricultural Gardener........ N 4 620
28. Gordon E. Smith, 1179, Agricultural Gardener....... N 4 380
29. Stanley E. Bundy, 1100, Cold Storage Operator...... N 4 650
30. W. E. Clark, 1159, Cold Storage Operator........... N 4 620
31. J. C. Embry, 1161, Cold Storage Operator and Agricul-
tural Gardener......................................... N 4 650
32. Cornelius J. Rund, 1158, Chief Cold Storage Operator N 5 640
33. Wilbur A. Kelley, 1156, Storekeeper................ N 5 160

Total, Horticulture (Station)........................................ $149 490

College
Account Number 00-15-68-100
1. M. Arleah Dix, 6551, Clerk-Stenographer III........... N $ 4 800
2. Glenna M. Turner, 7303, Clerk-Typist I................ N 2 640

Total, Plant Pathology (College).................................. $ 7 440

Hatch — Plant Pathology — Spray Orchard Improvement
Account Number 21-15-68-377
1. Ina M. Kneuppel, 1185, Assistant Laboratory Attendant N $ 2 760

Total, Hatch — Plant Pathology — Spray Orchard Improvement........ $ 2 760

Cooperative Investigations
U.S.D.A. 809 31
Account Number 46-15-68-316
1. ————, 7240, Technical Compiler.................. N $ 4 400

Veterinary Research
Account Number 00-15-70-300
1. Ernest M. Canavan, 1186, Animal Caretaker............... N $ 4 620

Total, Veterinary Research (Station)............................. $ 4 620

Cooperative Investigations
U.S. Army MD 728
Account Number 46-15-70-303
1. James G. Lykins, 6746, Animal Caretaker................ N $ 4 440

Vocational Agriculture
Account Number 00-15-75-100
1. Betty J. Cain, 0914, Clerk-Stenographer III......... N $ 3 930
2. Beverly A. Nickelson, 0915, Clerk-Typist II........ N $ 1 500

(Total Salary)............................................ (3 000)
3. Guy Hart, 5589, Storekeeper.................. N 4 890

Total, Vocational Agriculture (College)........................... $10 320
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<td>Sandra L. Nelson</td>
<td>Clerk</td>
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<td>Administration</td>
<td>Lois A. Dallas</td>
<td>Chief Clerk</td>
<td>$4,950</td>
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<tr>
<td>00-17-01-100</td>
<td>Administration</td>
<td>Mary N. Gamble</td>
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<tr>
<td>00-17-01-100</td>
<td>Administration</td>
<td>Darlene Richey</td>
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<tr>
<td>00-17-01-100</td>
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<td>Bonnie J. Bain</td>
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<td>00-17-01-100</td>
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<td>Dolores C. Muga</td>
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<td>Mary C. Smith</td>
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<td>00-17-01-100</td>
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<td>Sarah B. Steier</td>
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<td>00-17-05-100</td>
<td>Accountancy</td>
<td>Anna R. Feltner</td>
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<td>00-17-05-100</td>
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<td>Mildred B. Brumfield</td>
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<td>$5,910</td>
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<tr>
<td>44-17-05-104</td>
<td>American Accountancy Association - Academic Bulletin</td>
<td>Anna R. Feltner</td>
<td>Clerk-Stenographer II</td>
<td>$300</td>
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<td>00-17-09-100</td>
<td>Business Education</td>
<td>Cheryl L. Fuerst</td>
<td>Clerk-Typist I</td>
<td>$1,260</td>
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<td>00-17-15-100</td>
<td>Business Law</td>
<td>Mary P. Sudduth</td>
<td>Secretary (Stenographic)</td>
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<td>00-17-20-100</td>
<td>Economics</td>
<td>Mariam J. Meredith</td>
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<td>Rita L. Barry</td>
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<td>Jean F. Masterson</td>
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<td>00-17-22-100</td>
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Management
Account Number 00-17-25-100
1. 9908, Clerk-Stenographer II ............... N $ 1 350
2. Margaret A. Murphy, 1511, Clerk-Stenographer III .... N 3 360
Total, Management ........................................ $ 4 710

Marketing
Account Number 00-17-30-100
1. Helen S. McFarland, 1516, Secretary (Stenographic) ... N $ 4 200
Total, Marketing ........................................ $ 4 200

Bureau of Economic and Business Research
Account Number 00-17-35-300
1. F. Louise Hammer, 1535, Clerk-Stenographer II .... N $ 2 850
2. Deloris J. Ricketts, 1526, Clerk-Typist II ........... N 2 550
3. Bette O. Hulnes, 1523, Secretary (Stenographic) .. N 4 140
Total, Bureau of Economic and Business Research .... $ 9 540

Cooperative Investigations
Ford Foundation — Consumer Savings
Account Number 44-17-35-327
1. Anne W. Shubert, 7045, Clerk-Typist II ............. N $ 1 290

Bureau of Business Management
Account Number 00-17-40-400
1. Carol L. McClure, 1530, Clerk-Stenographer II .... N $ 2 970
2. Elsa L. Singbusch, 1528, Secretary (Stenographic) . N 5 040
Total, Bureau of Business Management ................. $ 8 010

Business Management Revolving
Account Number 12-17-40-470
1. 9904, Clerk-Typist II ..................... N $ 1 440
Total, Business Management Revolving ................. $ 1 440

COLLEGE OF EDUCATION

Administration
Account Number 00-20-01-100
1. Jeanette Bialeschki, 1534, Clerk-Typist III ......... N $ 3 540
2. Shirley A. Fryer, 1532, Clerk-Typist III ........... N 3 360
3. Donna M. Marquardt, 1533, Clerk-Typist III ....... N 3 540
4. Betty A. Richards, 1531, Administrative Secretary (Steno-
graphic) .............................................. N 7 470
Total, Administration ................................... $17 910

Agricultural Education
Account Number 00-20-05-100
1. Eileen A. Ragsdale, 1535, Clerk-Stenographer III .. N $ 3 750
Total, Agricultural Education ........................ $ 3 750

Education
Account Number 00-20-10-100
1. Eleanor I. Harrison, 5615, Editorial Assistant ...... N $ 1 800
2. Julia M. Snyder, 1536, Chief Clerk ................ N 5 520
3. Geraldine B. Evans, 1545, Clerk-Typist II ......... N $ 1 500
4. Evelyn I. Farrell, 1543, Clerk-Typist II ........... N 3 510
5. Martha N. McDuffee, 1546, Clerk-Typist II ....... N 2 880
6. 1539, Clerk-Typist II ........................ N $ 1 440
7. 5523, Clerk-Typist II ........................ N 1 200
8. 7222, Clerk-Typist II ........................ N 2 820
9. Joan E. Cender, 6797, Clerk-Typist III .......... N 3 060
10. Georgia M. Cook, 1541, Clerk-Typist III ....... N 3 060
11. Nina C. Hamrick, 1540, Clerk-Typist III ....... N 3 990
<table>
<thead>
<tr>
<th>12. Sharon J. Hartman, 1538, Clerk-Typist III</th>
<th>N</th>
<th>3 240</th>
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<tbody>
<tr>
<td>13. M. Lois Brooks, 1537, Secretary (Stenographic)</td>
<td>ZN50</td>
<td>2 505</td>
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<td>(Total Salary)</td>
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<td>(5 010)</td>
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<td><strong>Total, Education</strong></td>
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<td><strong>$30 525</strong></td>
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**Cooperative Investigations**

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<th>U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE G5</th>
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<tr>
<td>Account Number 46-20-10-116</td>
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<td>1. ---------, 6689, Clerk-Typist II</td>
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<td>2. -----------, 7730, Clerk-Typist II</td>
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**Placement and Follow-Up**

<table>
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<tr>
<th>Account Number 00-20-30-100</th>
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<tbody>
<tr>
<td>1. Mary F. Mauk, 1553, Administrative Clerk</td>
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<tr>
<td>2. Betty A. Goldenstein, 1555, Clerk-Stenographer III</td>
</tr>
<tr>
<td>(Total Salary)</td>
</tr>
<tr>
<td>3. Charlotte M. Becker, 1557, Clerk-Typist II</td>
</tr>
<tr>
<td>4. Patsy J. Wagener, 6747, Clerk-Typist II</td>
</tr>
<tr>
<td>5. -----------, 7738, Clerk-Typist II</td>
</tr>
<tr>
<td>6. Orelia M. Welch, 1554, Clerk-Typist III</td>
</tr>
<tr>
<td>7. Marion J. Jung, 1556, Clerk-Typist III</td>
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<td><strong>Total, Placement and Follow-Up</strong></td>
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**Teacher Placement and Follow-Up Revolving**

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**Cooperative Investigations**

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<tr>
<th>NATIONAL ASSOCIATION OF SECONDARY SCHOOL PRINCIPALS — STAFF UTILIZATION</th>
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<tr>
<td>Account Number 44-20-30-356</td>
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<tr>
<td>1. Betty A. Goldenstein, 1555, Clerk-Stenographer III</td>
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**University High School**

<table>
<thead>
<tr>
<th>Account Number 00-20-45-200</th>
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<tbody>
<tr>
<td>1. Jean M. Glass, 1559, Clerk-Stenographer III</td>
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<tr>
<td>(Nine months)</td>
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<tr>
<td>2. Frances B. Bush, 1560, Clerk-Typist II</td>
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<tr>
<td>3. Mary C. Gabbert, 1561, Clerk-Typist II</td>
</tr>
<tr>
<td>4. -----------, 1561, Clerk-Typist II</td>
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<tr>
<td>5. Audrey L. Munger, 1558, Secretary (Stenographic)</td>
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<td><strong>Total, University High School</strong></td>
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**Cooperative Investigations**

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<th>CARNEGIE INSTITUTE — COOPERATIVE PROGRAMS IN ARITHMETIC</th>
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<tr>
<td>Account Number 44-20-45-310</td>
</tr>
<tr>
<td>1. Karen L. Bluhm, 7620, Clerk-Stenographer III</td>
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<tr>
<td>2. Helen S. Herget, 7789, Clerk-Typist II</td>
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<td><strong>Total, Carnegie Institute — Cooperative Programs in Arithmetic</strong></td>
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<tr>
<td>Account Number</td>
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</tr>
<tr>
<td>44-20-45-312</td>
</tr>
<tr>
<td>7382, Clerk-Typist I</td>
</tr>
<tr>
<td>6132, Clerk-Typist III</td>
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<tr>
<td>6273, Secretary</td>
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<tr>
<td>7559, Clerk-Typist II</td>
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<tr>
<td>6723, Secretary</td>
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**Bureau of Educational Research**

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<th>Salary</th>
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<tr>
<td>00-20-50-300</td>
<td>General</td>
<td>Gloria J. Bloch, 1563, Clerk-Typist III</td>
<td>$3,180</td>
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<tr>
<td>1564, Clerk-Typist III</td>
<td>Joyce F. Fasnacht</td>
<td>$3,270</td>
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<tr>
<td>1566, Clerk-Typist III</td>
<td>Luella G. Holtclaw</td>
<td>$3,000</td>
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<td>Total, Bureau of Educational Research — General</td>
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**Educational Surveys Revolving**

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<tbody>
<tr>
<td>12-20-50-478</td>
<td>Educational Surveys Revolving</td>
<td>Therese E. Jowasky, 1575, Clerk-Stenographer III</td>
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**Cooperative Investigations**

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<th>Salary</th>
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<tr>
<td>(Total Salary)</td>
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<td>46-20-50-367</td>
<td>U.S. Public Health Service M1839</td>
<td>Madeline Saltarelli, 5672, Clerk-Typist III</td>
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**Evaluation**

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<td>00-20-60-400</td>
<td>Evaluation</td>
<td>Rosalee A. Hodge, 1571, Card Punch Operator I</td>
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<td>1563, Card Punch Operator II</td>
<td>Marijane Johnson</td>
<td>$2,700</td>
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<td>1568, Secretary (Stenographic)</td>
<td>Lois M. Williamson</td>
<td>$ 5,730</td>
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**Educational Testing Revolving**

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<th>Salary</th>
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<td>12-20-60-482</td>
<td>Educational Testing Revolving</td>
<td>Ruby F. Murphy, 1574, Clerk II</td>
<td>$2,760</td>
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<td>1570, Clerk-Stenographer II</td>
<td>Arlene L. Schwartz</td>
<td>$3,180</td>
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**Institute for Research on Exceptional Children**

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<td>00-20-70-300</td>
<td>Institute for Research on Exceptional Children</td>
<td>5319, Secretary (Transcribing)</td>
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**Cooperative Investigations**

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<td>47-20-70-352</td>
<td>State Department of Public Welfare — Mental Deficiencies</td>
<td>Barbara J. Schaefer, 6472, Clerk-Typist III</td>
<td>$3,240</td>
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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE SAE 8204
Account Number 46-20-70-316
1. Barbara J. Gawthorp, 6449, Clerk-Typist II.............. N $ 2 940

COLLEGE OF ENGINEERING

Administration

<table>
<thead>
<tr>
<th>Account Number 00-22-01-100</th>
<th>Clerk</th>
<th>Typist</th>
<th>Secretary</th>
<th>Stenographer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Hazel S. Ruffner, 1251, Clerk III</td>
<td>N</td>
<td>$ 4 140</td>
<td></td>
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</tr>
<tr>
<td>2. Ramona L. Huber, 1243, Chief Clerk</td>
<td>N</td>
<td>5 790</td>
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<tr>
<td>3. Frances W. Reynolds, 6874, Typing Clerk I</td>
<td>N</td>
<td>2 460</td>
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<tr>
<td>4. Audriana Dunn, 1250, Typing Clerk II</td>
<td>N</td>
<td>2 910</td>
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<tr>
<td>5. Verna L. Finder, 1244, Clerk-Stenographer III</td>
<td>N</td>
<td>4 200</td>
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<tr>
<td>6. Clara E. Ford, 7156, Clerk-Typist II</td>
<td>N</td>
<td>2 820</td>
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<td>7. Eileen Place, 1247, Clerk-Typist III</td>
<td>N</td>
<td>3 210</td>
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<tr>
<td>8. Pauline V. Chapman, 6450, Placement Officer</td>
<td>N</td>
<td>7 200</td>
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<tr>
<td>9. Patricia A. Vandemore, 7449, Tabulating Machine Operator II</td>
<td>N</td>
<td>3 420</td>
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<tr>
<td>10. Imogene J. Reeves, 1245, Secretary (Transcribing)</td>
<td>N</td>
<td>4 530</td>
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<tr>
<td>11. Beulah M. Dent, 1242, Administrative Secretary (Stenographic)</td>
<td>N</td>
<td>7 500</td>
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Total, Administration (College) ......................................... $48 270

Station

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<th>Typist</th>
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<th>Stenographer</th>
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<tbody>
<tr>
<td>7. Lou E. Haines, 1249, Clerk-Typist II</td>
<td>N</td>
<td>$ 3 210</td>
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<tr>
<td>2. David C. Hunter, 5218, Technical Draftsman-Illustrator II</td>
<td>N</td>
<td>7 700</td>
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<tr>
<td>3. Annabelle Compton, 1248, Secretary (Transcribing)</td>
<td>N</td>
<td>5 280</td>
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<tr>
<td>4. Kathryn C. Jordan, 1246, Secretary (Transcribing)</td>
<td>N</td>
<td>4 590</td>
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Total, Administration (Station) ........................................ $20 780

Aeronautical Engineering

<table>
<thead>
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<th>Account Number 00-22-05-100</th>
<th>Clerk</th>
<th>Typist</th>
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<th>Stenographer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Rita M. Freehill, 7207, Clerk-Typist II</td>
<td>N</td>
<td>$ 2 880</td>
<td></td>
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<tr>
<td>2. George W. Conlee, 1263, Clerk-Typist II</td>
<td>N</td>
<td>2 880</td>
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<tr>
<td>3. Raymond F. Brewer, 1261, Senior Laboratory Mechanic</td>
<td>N</td>
<td>5 850</td>
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<td></td>
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<tr>
<td>4. Herbert E. Klage, 1260, Senior Laboratory Mechanic</td>
<td>N</td>
<td>5 940</td>
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<tr>
<td>5. Vincent P. Oakes, 1259, Senior Laboratory Mechanic</td>
<td>N</td>
<td>5 640</td>
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<tr>
<td>6. Thomas M. O'Connor, 1258, Senior Laboratory Mechanic</td>
<td>N</td>
<td>6 000</td>
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<tr>
<td>7. Paul R. Tabaka, 1257, Senior Laboratory Mechanic</td>
<td>N</td>
<td>6 060</td>
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<td>8. Dorothy E. Nugent, 1262, Secretary (Transcribing)</td>
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Total, Aeronautical Engineering (College) ................................ $39 870

Ceramic Engineering

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<th>Account Number 00-22-10-100</th>
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<th>Stenographer</th>
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<tbody>
<tr>
<td>1. Dorothy B. Woods, 1266, Secretary (Stenographic)</td>
<td>N</td>
<td>5 370</td>
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<tr>
<td>2. James R. Walsh, 1207, Storekeeper</td>
<td>N</td>
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Total, Ceramic Engineering (College) .................................. $18 900

Cooperative Investigations

U.S. AIR FORCE 3943
Account Number 46-22-10-305

<table>
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<th>Clerk</th>
<th>Typist</th>
<th>Secretary</th>
<th>Stenographer</th>
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<tbody>
<tr>
<td>1. John Scoufias, 7711, Junior Laboratory Attendant</td>
<td>ZN50</td>
<td>$ 1 680</td>
<td>(Total Salary)</td>
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<tr>
<td>2. Sally Jo Moss, 7051, Clerk-Stenographer I</td>
<td>ZN50</td>
<td>1 500</td>
<td>(Total Salary)</td>
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Total, U.S. Air Force 3943 ........................................... $ 3 180
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<td>46-22-10-308</td>
<td>US. Air Force 5734</td>
<td>John Scoufias, 7711, Junior Laboratory Attendant</td>
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<td>Richard E. Shipley, 7122, Equipment Attendant</td>
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<td>Parilee S. Miles, 6661, Clerk-Typist II</td>
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**Total** | $32,788 |
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### Cooperative Investigations

**CREOLE PETROLEUM — CASING STUDY**

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**ENGINEERING FOUNDATION — FATIGUE DATA**

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**ENGINEERING FOUNDATION — STRUCTURAL JOINTS**

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**REINFORCED CONCRETE RESEARCH COUNCIL — FLOOR SLABS**

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**U.S. AIR FORCE 544**

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<td>Virginia L. Rhoades</td>
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<td>Thomas J. Cruse</td>
<td>Duplicating Machine Operator II</td>
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<td>Nancy J. Phillips</td>
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<td>Robert D. Metz</td>
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**U.S. Air Force 31319**
Account Number 46-22-20-308
1. Marie L. Johnson, 1301, Clerk-Stenographer III... ZN50 $1,800

**U.S. Air Force 464**
Account Number 46-22-20-309
1. Delbert E. McCulley, 1302, Research Program Administrative Assistant... ZN25 $2,200
2. Thomas J. Cruse, 7663, Duplicating Machine Operator II... ZN50 $1,710
3. Mary Lou Williamson, 6107, Clerk-Typist III... ZN50 $1,860

Total, U.S. Air Force 464... $5,035

**U.S. Air Force 468**
Account Number 46-22-20-311
1. Judith A. Tempel, 7638, Clerk-Typist II... ZN50 $1,590
2. Nancy J. Phillips, 7643, Clerk-Typist III... ZN50 $1,590
3. Robert D. Metz, 1281, Senior Laboratory Mechanic... ZN50 $2,040
4. Harold H. Dalrymple, 6618, Electronics Technician I... ZN50 $2,700
5. Wayne E. Jowasky, 5990, Electronics Technician I... N50 $2,040

Total, U.S. Air Force 468... $10,800

**U.S. Air Force 34763**
Account Number 46-22-20-312
1. Virginia L. Rhoades, 7408, Typing Clerk II... ZN50 $1,440
2. Thomas J. Cruse, 7663, Duplicating Machine Operator II... ZN50 $1,710
3. Anna Rita Ferris, 1281, Secretary (Stenographic)... ZN50 $2,790

Total, U.S. Air Force 34763... $5,930

**U.S. Air Force 1162**
Account Number 46-22-20-313
1. Donna L. Flessner, 7531, Clerk-Stenographer II... N $3,300
2. Virginia L. Roots, 1288, Clerk-Typist III... ZN50 $1,620

Total, U.S. Air Force 1162... $4,920

**U.S. Bureau of Public Roads, Department of Commerce—Flexural Fatigue**
Account Number 46-22-20-314
1. Marvin L. Risinger, 6928, Stores Clerk... ZN50 $1,950
2. Aurora Z. Bahou, 1284, Clerk-Typist II... ZN50 $1,500
3. Everett Crawford, 1290, Junior Laboratory Mechanic... N $5,040

Total, U.S. Bureau of Public Roads, Department of Commerce—Flexural Fatigue... $8,490

**U.S. Air Force 1185**
Account Number 46-22-20-315
1. Sherman D. Suter, 7206, Clerk-Stenographer II... N $3,300

**U.S. Army Engineers 238**
Account Number 46-22-20-325
1. Delbert E. McCulley, 1302, Research Program Administrative Assistant... ZN25 $2,200
2. Jo Anne Hansen, 7644, Clerk-Typist III .................. ZN50  $1 500
   (Total Salary) .............................................. (3 000)
   Total, U.S. Army Engineers 238 .................. $3 700

U.S. ARMY ENGINEERS 240
Account Number 40-22-20-326
1. Nancy J. Phillips, 7643, Clerk-Typist III .................. ZN50  $1 560

U.S. ACADEMY OF SCIENCE—AASHO ROAD TESTS
Account Number 40-22-20-345
1. Judith A. Tempel, 7638, Clerk-Typist II .................. ZN50  $1 560

U.S. NATIONAL SCIENCE FOUNDATION G6572
Account Number 40-22-20-352
1. Aurora Z. Bahou, 1284, Clerk-Typist II .................. ZN50  $1 500

U.S. N.O.B.S. 65790
Account Number 40-22-20-360
1. Jo Anne Hansen, 7644, Clerk-Typist III .................. ZN50  $1 500
2. Delbert H. Laws, 5212, Senior Laboratory Mechanic .... ZN50  $2 940
   Total, U.S. N.O.B.S. 65790 .......................... $4 440

U.S. N.O.B.S. 77008
Account Number 40-22-20-361
1. Virginia L. Roots, 1288, Clerk-Typist III .................. ZN50  $1 620
   (Total Salary) .............................................. (4 320)
2. Harold H. Dalrymple, 6618, Electronics Technician I .... ZN50  $2 700
   Total, U.S. N.O.B.S. 77008 .......................... $4 320

U.S. N.O.B.S. 77137
Account Number 40-22-20-362
1. Delbert E. McCulley, 1302, Research Program Admin-
   istrative Assistant ........................................... ZN25  $2 200
2. Glenn E. Rymer, 1309, Senior Laboratory Mechanic ....... N  $5 940
   Total, U.S. N.O.B.S. 77137 .......................... $8 140

U.S. OFFICE OF NAVAL RESEARCH 1834 03
Account Number 40-22-20-369
1. ———- , 7321, Clerk III .................................... ZN25  $975
2. Jessie L. Creamer, 1300, Clerk-Stenographer III ....... ZN50  $2 220
   Total, U.S. Office of Naval Research 1834 03 ...... $3 195

STATE OF ILLINOIS DIVISION OF HIGHWAYS—BRIDGE IMPACT
Account Number 47-22-20-307
1. Marilyn K. Wilson, 7056, Clerk II ......................... ZN50  $1 500
2. Robert D. Metz, 1287, Senior Laboratory Mechanic ....... ZN50  $2 940
   Total, State of Illinois Division of Highways—Bridge
   Impact .......................................................... $4 440

STATE OF ILLINOIS DIVISION OF HIGHWAYS—HIGHWAY MEDIANS
Account Number 47-22-20-336
1. Dorothy J. Burright, 6796, Clerk-Typist II ............... ZN50  $1 560
   (Total Salary) .............................................. (3 120)

STATE OF ILLINOIS DIVISION OF HIGHWAYS—HIGHWAY PROBLEMS
Account Number 47-22-20-338
1. Joanne W. Jones, 5686, Clerk-Stenographer II .......... N  $3 300

STATE OF ILLINOIS DIVISION OF HIGHWAYS—PRESTRESSED BRIDGES
Account Number 47-22-20-367
1. Delbert E. McCulley, 1302, Research Program Admin-
   istrative Assistant ........................................... ZN25  $2 200
2. Wyck E. McKenzie, 1291, Junior Laboratory Mechanic .... ZN50  $2 640
3. Walter F. Wilsky, 1289, Senior Laboratory Mechanic .... ZN50  $2 940
   Total, State of Illinois Division of Highways—Pre-
   stressed Bridges ............................................... $7 780
STATE OF ILLINOIS DIVISION OF HIGHWAYS — RIVETED BOLTED JOINT
Account Number 47-22-20-374
1. Louis L. Mesker, 1293, Senior Laboratory Mechanic N $ 5 940

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL AGGREGATE
Account Number 47-22-20-379
1. Dorothy J. Burright, 6796, Clerk-Typist II N ZN50 $ 1 660

STATE OF ILLINOIS DIVISION OF HIGHWAYS — SOIL MAPPING
Account Number 47-22-20-382
1. Mary A. Bateman, 1296, Clerk-Stenographer II N $ 3 360

STATE OF ILLINOIS DIVISION OF HIGHWAYS — VEHICULAR SPEED REGULATION
Account Number 47-22-20-386
1. Doris J. Kirchner, 7220, Clerk-Stenographer II N ZN85 $ 3 264
     (Total Salary) ............................................. (3 840)

Coordinated Science Laboratory
Account Number 46-22-22-308
1. Nancy L. Klein, 5475, Cost Accountant I N $ 3 900
2. ————, 7040, Electronics Engineering Assistant N 6 300
3. Earl E. Rumbaugh, 1423, Research Program Administrative Assistant N 8 500
4. ————, 7045, Research Project Assistant N 6 300
5. Robert E. Potter, 7761, Accounting Clerk I N 3 600
6. Clayborn M. Lofton, 5243, Stores Clerk N 4 200
7. ————, 1430, Typing Clerk II N 2 400
8. ————, 5572, Clerk-Stenographer II N 2 730
9. Joan M. Hanna, 1426, Clerk-Stenographer III N 3 000
10. Mary A. Karamitos, 4976, Clerk-Stenographer III N 3 300
11. ————, 5485, Clerk-Stenographer III N 3 000
12. Jayne L. Miller, 5501, Clerk-Typist II N 2 940
13. Alma G. Peacock, 5280, Clerk-Typist II N 3 480
14. Julia K. Berger, 5453, Clerk-Typist III N 3 000
15. Ruth M. Hardy, 5903, Clerk-Typist III N 3 540
17. ————, 3138, Clerk-Typist III N 3 180
18. ————, 5960, Clerk-Typist III N 2 700
19. Robert F. McFarlane, 5392, Engineering Draftsman I N 5 820
20. ————, 5305, Engineering Draftsman I N 5 340
21. Merrill B. Watson, 7734, Glass Blower I N 5 400
22. Kenneth E. Merritt, 1434, Instrument Maker N 6 120
24. John J. Desmond, 5428, Departmental Business Manager N 11 500
25. William E. Beaulin, 7467, Senior Laboratory Mechanic N 5 640
26. Neil T. Powers, 5402, Senior Laboratory Mechanic N 5 640
27. Harley M. Tenbrook, 1439, Senior Laboratory Mechanic N 5 880
28. ————, 1435, Senior Laboratory Mechanic N 5 640
29. Ernest H. Neff, 6646, Control Systems Operator N 7 500
30. ————, 5465, Duplicating Machine Operator III N 3 390
31. Carlyle W. Morris, 5272, Photographer II N 5 640
32. ————, 5493, Photographer II N 5 520
33. ————, 5573, Secretary (Stenographic) N 5 100
34. Rose L. Junghanel, 1441, Secretary (Transcribing) N 4 080
35. Charles E. Drews, 1428, Storekeeper N 4 770
36. Herman Jordan, 6886, Electronics Technician I N 4 980
37. Nicholas Vassos, 6012, Electronics Technician I N 4 800
38. Estil N. Carter, 5306, Electronics Technician II N 6 240
39. Dale F. Coad, 1436, Electronics Technician II N 5 940
40. Donald R. Deschene, 5904, Electronics Technician II N 5 700
41. Steve M. Dyskievicz, 1433, Electronics Technician II N 5 640
42. Oral E. Gardner, 4917, Electronics Technician II N 5 580
43. Leonard F. Hedges, 6584, Electronics Technician II N 6 180
44. Fred O. Holy, 6334, Electronics Technician II N 5 820
45. James H. Knoke, 5901, Electronics Technician II N 6 240
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<td>Martin P. Pembroke, 7354, Stores Clerk</td>
<td>Myron E. Wright, 6470, Stores Clerk</td>
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<td>Norma S. Olson, 1325, Clerk-Stenographer I</td>
<td>Ruth E. Pembroke, 1322, Clerk-Stenographer I</td>
<td>Hazel M. Crawford, 1323, Clerk-Stenographer III</td>
<td>Melba E. Bundy, 1326, Clerk-Typist II</td>
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Indirect Costs — Electrical Engineering
Account Number 40-22-25-300
1. Susan R. Kaufman, 7130, Clerk-Typist II .................. ZN50 $ 1 290
Total, Indirect Costs — Electrical Engineering .................. $ 1 290

Cooperative Investigations
STATE UNIVERSITY OF IOWA — PARKINSON HYPERKINETIC DISORDERS
Account Number 44-22-25-342
1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant .................. ZN13 $ 970
(Total Salary) ................................................. (7 400)
2. Wesley P. Bauerle, 7637, Electronics Engineering Assistant N $ 6 500
Total, State University of Iowa — Parkinson Hyperkinetic Disorders .................. $ 7 470

STATE UNIVERSITY OF IOWA — HYPERKINETIC MOVEMENT
Account Number 44-22-25-378
1. Wilma J. Deem, 7762, Biophysical Research Nurse ........... N $ 4 500

U.S. AIR FORCE 62
Account Number 46-22-25-301
1. Lewis H. Claybaugh, 1311, Senior Laboratory Mechanic .. ZN25 $ 1 477
(Total Salary) ................................................. (5 910)
2. Kenneth W. Bartlett, 5238, Electronics Technician II .... ZN20 1 026
(Total Salary) ................................................. (5 730)
Total, U.S. Air Force 62 ........................................... $ 2 503

U.S. AIR FORCE 63
Account Number 46-22-25-303
1. Sheila C. Keehner, 7713, Clerk-Stenographer II .......... ZN25 $ 750
(Total Salary) ................................................. (3 000)

U.S. AIR FORCE 417
Account Number 46-22-25-305
1. Pieter Knorr, 7427, Glass Blower II .................. ZN25 $ 1 925
(Total Salary) ................................................. (7 700)
2. Edward D. Boose, 1314, Senior Laboratory Mechanic .. ZN25 1 410
(Total Salary) ................................................. (5 640)
Total, U.S. Air Force 417 ........................................... $ 3 335

U.S. AIR FORCE 2152
Account Number 46-22-25-309
1. A. B. Wilson, 1338, Electronics Engineering Assistant .. ZN67 $ 4 666
(Total Salary) ................................................. (7 000)
2. Richard F. Ripper, 1342, Chief Clerk .................. ZN25 1 500
(Total Salary) ................................................. (6 000)
3. Laura E. Rhodes, 7720, Clerk-Typist II .................. N50 1 440
4. Diane S. Swanson, 7766, Clerk-Typist II .................. ZN25 765
(Total Salary) ................................................. (1 530)
5. Leroy L. Dreyer, 7705, Electronics Engineer ............. N 7 900
6. Robert A. Kawcyn, 7764, Electronics Engineer .......... N 7 600
7. Pieter Knorr, 7427, Glass Blower II .................. ZN50 3 850
8. Carl M. Boley, 1328, Instrument Maker .................. ZN67 4 590
(Total Salary) ................................................. (6 840)
9. Arthur E. Monson, Senior Laboratory Mechanic ........... ZN50 2 830
(Total Salary) ................................................. (5 640)
10. John F. Penn, 5903, Electronics Technician II .......... ZN50 2 660
(Total Salary) ................................................. (3 990)
Total, U.S. Air Force 2152 ........................................... $37 764

U.S. AIR FORCE 6079
Account Number 46-22-25-314
1. Edward D. Boose, 1314, Senior Laboratory Mechanic .... ZN75 $ 4 230
2. D. D. Pritchard, 1340, Storekeeper
   (Total Salary).......................... $2 445
   ZN50

3. John F. Penn, 5903, Electronics Technician II
   (Total Salary).......................... $5 025
   N75

   Total, U.S. Air Force 6079........................... $11 700

U.S. AIR FORCE 3481
Account Number 46-22-25-315
1. Carl M. Boley, 1328, Instrument Maker
   (Total Salary).......................... $2 280
   ZN33

2. John F. Penn, 5903, Electronics Technician II
   (Total Salary).......................... $1 330
   N25

   Total, U.S. Air Force 3481........................... $3 610

U.S. AIR FORCE 556
Account Number 46-22-25-316
1. Arthur E. Monson, 1328, Senior Laboratory Mechanic
   (Total Salary).......................... $1 410
   ZN25

U.S. AIR FORCE 6428
Account Number 46-22-25-319
1. Andras Gal, 7719, Draftsman
   (Total Salary).......................... $1 800
   ZN50

U.S. ARMY ORDNANCE 1983
Account Number 46-22-25-322
1. Marjorie A. Johnson, 7638, Assistant to Editor
   (Total Salary).......................... $1 462
   ZN25

2. Sheila C. Keehner, 7713, Clerk-Stenographer II
   (Total Salary).......................... $750
   ZN25

   Total, U.S. Army Ordnance 1983........................... $2 212

U.S. ARMY SIGNAL CORPS 73163
Account Number 46-22-25-330
1. Marjorie A. Johnson, 7638, Assistant to Editor
   (Total Salary).......................... $2 925
   ZN50

2. Lyle L. Hawkey, 7522, Electronics Technician I
   (Total Salary).......................... $3 900
   N

   Total, U.S. Army Signal Corps 73163........................... $6 825

U.S. ARMY SIGNAL CORPS 78313
Account Number 46-22-25-333
1. Diane S. Swanson, 7766, Clerk-Typist II
   (Total Salary).......................... $765
   ZN25

U.S. ATOMIC ENERGY COMMISSION 392
Account Number 46-22-25-334
1. A. B. Wilson, 1338, Electronics Engineering Assistant
   (Total Salary).......................... $2 334
   ZN33

2. Richard F. Ripper, 1342, Chief Clerk
   (Total Salary).......................... $5 250
   ZN25

3. Patricia L. Shafer, 7350, Clerk-Typist II
   (Total Salary).......................... $1 440
   N50

4. J. F. Lowe, 1336, Instrument Maker
   (Total Salary).......................... $6 840
   ZN25

5. Lewis H. Claybaugh, 1311, Senior Laboratory Mechanic
   (Total Salary).......................... $4 433
   ZN75

6. D. D. Pritchard, 1340, Storekeeper
   (Total Salary).......................... $1 222
   ZN25

7. Kenneth W. Bartlett, 5238, Electronics Technician II
   (Total Salary).......................... $4 104
   ZN80

   Total, U.S. Atomic Energy Commission 392........................... $27 123

U.S. NATIONAL SCIENCE FOUNDATION G 4849
Account Number 46-22-25-350
1. Leonard D. White, 5262, Animal Caretaker
   (Total Salary).......................... $2 310
   ZN50

2. Clarence A. Eason, 7023, Electronics Technician I
   (Total Salary).......................... $4 350
   N

   Total, U.S. National Science Foundation G 4849........................... $6 660

U.S. NATIONAL SCIENCE FOUNDATION Y32 40266
Account Number 46-22-25-352
1. Sheila C. Keehner, 7713, Clerk-Stenographer II
   (Total Salary).......................... $1 500
   ZN50

2. James G. Card, Electronics Engineer
   (Total Salary).......................... $7 200
   N

3. James E. Bowers, Electronics Technician II
   (Total Salary).......................... $5 880
   N

   Total, U.S. National Science Foundation Y32 40266........................... $14 580

U.S. N.O.B.S. 64723
Account Number 46-22-25-357
1. Marjorie A. Johnson, 7638, Assistant to Editor
   (Total Salary).......................... $1 463
   ZN25

2. Richard F. Ripper, 1342, Chief Clerk
   (Total Salary).......................... $1 380
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<td>3. Antenna Systems Engineer</td>
<td>Walter W. Wood</td>
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<td>4. Senior Laboratory Mechanic</td>
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<td>Theodore O. Gibson</td>
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<td>6. Electronics Technician I</td>
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<td>U.S. Office of Naval Research 1834 02</td>
<td>46-22-25-378</td>
<td>Sandra K. Sullivan</td>
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<td>Dale E. Ward</td>
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<td>Faye J. Keener</td>
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<td>Ultrasound in Biology</td>
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<td>Billy B. McNeill</td>
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<td>Edgar A. Blair</td>
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### Instrument Service

**Account Number 09-22-35-942**

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<td>Glenn R. Keown</td>
<td>Operations Clerk</td>
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<td>Corinne E. Ochwat</td>
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<td>6382</td>
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<td>Richard L. Cunnington</td>
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<td>Oskar F. Richter</td>
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**Total, Instrument Service**

| $18,960 |

### Mechanical Engineering

**Account Number 00-22-40-100**

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<td>Harold F. Schultz</td>
<td>Equipment Attendant</td>
<td>7362</td>
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<td>Marilyn M. Kottke</td>
<td>Clerk-Typist II</td>
<td>1366</td>
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<td>Mildred R. Potts</td>
<td>Clerk-Typist III</td>
<td>1365</td>
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<td>Warren R. Gordon</td>
<td>Junior Laboratory Mechanic</td>
<td>1359</td>
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<td>H. W. Hempler</td>
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<td>G. F. Miller</td>
<td>Junior Laboratory Mechanic</td>
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<td>Thomas R. Heald</td>
<td>Senior Laboratory Mechanic</td>
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<td>M. W. Hoag</td>
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<td>Burt A. Manuel</td>
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<td>William D. Morfey</td>
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<td>W. H. Smith</td>
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<td>Norman G. Donze</td>
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<td>Opal F. Lumsden</td>
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<td>M. F. Sadorus</td>
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**Total, Mechanical Engineering (College)**

| $75,350 |

### Station

**Account Number 00-22-40-300**

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<td>Helen McDonnell</td>
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<td>Margaret E. Walden</td>
<td>Clerk-Typist III</td>
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<td>George J. Oehmke</td>
<td>Instrument Maker</td>
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<td>Allen F. Stephens</td>
<td>Junior Laboratory Mechanic</td>
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<td>Lawrence W. Hirschler</td>
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**Total, Mechanical Engineering (Station)**

| $19,836 |

### Cooperative Investigations

#### Institute of Boiler and Radiator Manufacturers — Steam and Water Heat

**Account Number 44-22-40-342**

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<td>Catherine A. Decker</td>
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<td>William J. Graham, Jr.</td>
<td>Assistant Laboratory Mechanic</td>
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**Total, Institute of Boiler and Radiator Manufacturers — Steam and Water Heat**

| $5,280 |

#### National Warm Air Heating — Furnaces

**Account Number 44-22-40-356**

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<td>Catherine A. Decker</td>
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<td>Martin Steidner</td>
<td>Junior Laboratory Mechanic</td>
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**Total, National Warm Air Heating — Furnaces**

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### College

**Account Number 00-22-50-100**

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<td>Clifford D. Howell</td>
<td>Senior Laboratory Mechanic</td>
<td>1374</td>
<td>N $5,760</td>
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<td>H. W. Kruse</td>
<td>Senior Laboratory Mechanic</td>
<td>1374</td>
<td>N $6,120</td>
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<td>Hazel Allen</td>
<td>Secretary (Stenographic)</td>
<td>1371</td>
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**Total, Mining and Metallurgical Engineering**

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**Total, Mining and Metallurgical Engineering (Station):** $14,460

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**Total, U.S. Air Force 420:** $2,658

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**Total, U.S. Air Force:** $4,208

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**Total, U.S. Army Ordnance:** $6,608

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**Total, Atomic Energy Commission Project 9:** $2,502

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**Total, Atomic Energy Commission Project 15:** $2,502

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**Total, Nuclear Engineering:** $4,800

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<td>1393, Clerk III</td>
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**Total, Nuclear Engineering:** $4,800

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<td>Bess G. Matteson</td>
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**Stores — Physics Overhead**

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<td>08-22-55-965</td>
<td>Robert L. Russell, Storekeeper</td>
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<td>Morris K. Coad, Stores Clerk</td>
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**Liquid Helium Service**

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<td>09-22-55-946</td>
<td>Thomas S. Brooks, Senior Laboratory Mechanic</td>
<td>ZN50 $2 940</td>
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<td>Donald C. Swanson, Senior Laboratory Mechanic</td>
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**Indirect Costs — Physics**

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<td>40-22-55-300</td>
<td>Walter A. Hromadnik, Senior Laboratory Attendant</td>
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**Cooperative Investigations**

**A. P. SLOAN FOUNDATION, INC. — SOLID STATE — MARATHON**

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<td>Carlos A. Perceny, Physical Research Laboratory Assistant</td>
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**A. P. SLOAN FOUNDATION, INC. — MAGNETIC RESEARCH — SLICHTER**

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<td>Carlos A. Perceny, Physical Research Laboratory Assistant</td>
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**U.S. AIR FORCE 49**

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<td>46-22-55-301</td>
<td>Harold G. Stoner, Senior Laboratory Mechanic</td>
<td>ZN50 $2 970</td>
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**U.S. AIR FORCE 662**

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<td>Donald C. Swanson, Senior Laboratory Mechanic</td>
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**U.S. AIR FORCE 570**

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<td>46-22-55-306</td>
<td>Alvin W. Crowley, Instrument Maker</td>
<td>ZN50 $3 060</td>
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(Total Salary)
U.S. ATOMIC ENERGY COMMISSION PROJECT 2
Account Number 46-22-55-320
1. Creed A. Wills, 6665, Engineering Draftsman I ................. ZN50 $ 2,370

U.S. ATOMIC ENERGY COMMISSION PROJECT 22
Account Number 46-22-55-321
1. Alvin W. Crowley, 7814, Instrument Maker ...................... ZN50 $ 3,060

U.S. ATOMIC ENERGY COMMISSION 182
Account Number 46-22-55-322
1. E. Ann Wells, 1390, Clerk-Stenographer III ............... ZN50 $ 1,710
2. Eli J. Treasure, 5674, Accelerator Engineer I ....... N 5,880
3. Franklin Kibler, 1400, Instrument Maker .................. ZN50 3,075
   (Total Salary) .................................................. (6,150)
4. Charles W. DeVore, 6705, Senior Laboratory Mechanic .. ZN50 2,820
   (Total Salary) .................................................. (5,640)
5. Ervie T. Ditzler, 1398, Senior Laboratory Mechanic .. ZN50 2,970
6. Charles Van Holland, 1378, Senior Laboratory Mechanic .. ZN50 3,120
   Total, U.S. Atomic Energy Commission 182 .................. $19,575

U.S. OFFICE OF NAVAL RESEARCH 1834-05
Account Number 46-22-55-361
1. Carlos A. Perceny, 7751, Physical Research Laboratory Assistant .................. ZN25 $ 1,755
2. Joanne J. Blum, 6103, Assistant Laboratory Attendant .. N 3,600
3. Carl N. Freedy, 1409, Assistant Laboratory Attendant . N 5,360
4. David C. Garrison, 5673, Assistant Laboratory Attendant .. N 3,120
5. Arthur W. Peters, 1416, Assistant Laboratory Attendant . N 2,010
   (Total Salary) .................................................. (4,315)
6. Philip R. Francis, 1453, Chief Clerk ......................... N 5,670
7. Doris A. Miller, 7753, Clerk-Typist II ................. N 2,760
8. Barbara J. Fiorillo, 7407, Clerk-Typist III .......... N 2,940
9. .................. 1412, Technical Computer ................. N 3,600
10. Ronald C. Walling, 1406, Engineering Draftsman I ... N 5,160
11. Arthur W. Peters, 1417, Driver ......................... ZP50 2,805
12. Raymond R. Olson, 6426, Accelerator Engineer I .... N 6,420
13. Robert P. Wardin, 1418, Accelerator Engineer I .... N 4,950
14. .................. 5674, Accelerator Engineer I ... N 5,870
15. .................. 5604, Accelerator Engineer I ... N 5,940
16. .................. 1420, Accelerator Engineer I ... N 5,460
17. .................. 1414, Accelerator Engineer I ... N 5,790
18. Loren E. Ernest, 1443, Accelerator Engineer II .... N 7,090
19. Frederick A. Roberts, 6504, Accelerator Engineer II .. N 7,900
20. Clarence L. Rogers, 6621, Accelerator Engineer II ... N 8,160
21. Thomas A. King, Jr., 1446, Chief Accelerator Engineer .. ZN25 2,625
   (Total Salary) .................................................. (10,500)
22. .................. 1413, Chief Accelerator Engineer ... N 7,800
23. Franklin Kibler, 1400, Instrument Maker .................. ZN50 3,075
24. George J. Schwab, 1415, Instrument Maker ................ N 6,360
25. Marion A. Carrington, 1390, Senior Laboratory Mechanic .. N 5,880
26. George P. Clark, 1382, Senior Laboratory Mechanic .. ZN50 3,660
27. Leo E. Cole, 1402, Senior Laboratory Mechanic .......... N 5,520
28. Robert W. Piscus, 1421, Senior Laboratory Mechanic .. N 5,490
29. George I. Pike, 5670, Senior Laboratory Mechanic .......... N 5,940
30. Patrick K. Watson, 1384, Senior Laboratory Mechanic .. ZN50 2,820
31. .................. 1396, Senior Laboratory Mechanic .. N 5,280
32. Margaret Runkel, 7476, Secretary (Transcribing) ........ H50 2,640
33. Curtis A. McGuire, 7779, Accelerator Technician ........ N 4,800
34. Donald Vermillion, 5365, Accelerator Technician .......... N 6,120
35. William E. Fears, 7332, Electronics Technician I .... N 4,500
36. Glenn Russell Mann, 1422, Electronics Technician II ... N 5,760
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<td>00-22-60-100</td>
<td>Theoretical and Applied Mechanics</td>
<td>Janet M. Huddleston</td>
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<td>Station</td>
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<td>Research Program Administrative Assistant</td>
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<td>12-22-60-382</td>
<td>Theoretical and Applied Mechanics Testing Revolving</td>
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<td>Senior Laboratory Mechanic</td>
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<td>44-22-60-301</td>
<td>Cooperative Investigations - American Iron and Steel - Continuous Concrete Beams</td>
<td>Isabelle S. Purnell</td>
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<td>44-22-60-302</td>
<td>Cooperative Investigations - American Iron and Steel - Welded Wire Fabric</td>
<td>Merle R. Penny</td>
<td>Junior Laboratory Mechanic</td>
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<td>44-22-60-305</td>
<td>Cooperative Investigations - American Iron and Steel - Failures in Railroad Rails</td>
<td>Isabelle S. Purnell</td>
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2. Marion C. Moore, 1473, Senior Laboratory Mechanic...... N 5 880
   Total, American Iron and Steel—Failures in Railroad Rails........................................ $ 6 225

U.S. AIR FORCE 5658
Account Number 46-22-60-301
1. Joan J. Hopppough, 1464, Clerk-Stenographer III...... ZN33 $ 1 120
   (Total Salary) ..................................................... (3 360)
2. Dean Bailey, 5128, Senior Laboratory Mechanic........ ZN50 2 940
   (Total Salary) ..................................................... (5 880)
3. Larry L. Motsinger, 7491, Duplicating Machine Operator III................................................. ZN25 $ 975
   Total, U.S. Air Force 5658................................. $ 5 035

U.S. ARMY ORDNANCE 593
Account Number 46-22-60-304
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ........................................ ZN10 $ 600
2. Joan J. Hoppough, 1464, Clerk-Stenographer III...... ZN33 1 120
   Total, U.S. Army Ordnance 593............................ $ 1 810

U.S. AIR FORCE 5153
Account Number 46-22-60-305
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ........................................ ZN10 $ 600
2. Nancy E. Dahl, 5363, Clerk-Typist III.................. ZN33 1 080
   (Total Salary) ..................................................... (3 240)
3. Elmer Hunt, 1469, Senior Laboratory Mechanic......... N 5 880
   Total, U.S. Air Force 5153................................. $ 7 650

U.S. ATOMIC ENERGY COMMISSION PROJECT 20
Account Number 46-22-60-306
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ........................................ ZN10 $ 600
2. Nancy E. Dahl, 5363, Clerk-Typist III.................. ZN33 1 080
   Total, U.S. Atomic Energy Commission Project 20...... $ 1 770

GENERAL ELECTRIC COMPANY—U.S. AIR FORCE SUBCONTRACT 2
Account Number 46-22-60-334
1. Nancy E. Dahl, 5363, Clerk-Typist III.................. ZN34 $ 1 080

U.S. N.O.B.S. 72143
Account Number 46-22-60-353
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ........................................ ZN10 $ 600
2. James M. Robertson, 1463, Senior Laboratory Mechanic...... N 5 880
   Total, U.S. N.O.B.S. 72143................................. $ 6 570

U.S. N.O.B.S. 72069
Account Number 46-22-60-354
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ........................................ ZN10 $ 600
2. Dean Bailey, 5128, Senior Laboratory Mechanic........ ZN50 2 940
3. James W. Bryant, 1475, Senior Laboratory Mechanic...... N 5 880
   Total, U.S. N.O.B.S. 72069................................. $ 9 570

U.S. OFFICE OF NAVAL RESEARCH 1834 14
Account Number 46-22-60-369
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant ........................................ ZN5 $ 345
2. Larry L. Motsinger, 7491, Duplicating Machine Operator III................................................. ZN25 $ 0.20
   Total, U.S. Office of Naval Research 1834 14........ $ 3 200

U.S. OFFICE OF NAVAL RESEARCH 2047 01
Account Number 46-22-60-370
1. William C. Stitt, 1462, Senior Laboratory Mechanic...... N 5 880
STATE OF ILLINOIS DIVISION OF HIGHWAYS—CREEP IN STRUCTURAL CONCRETE
Account Number 47-22-60-312
1. Joan J. Hoppough, 5273, Clerk-Stenographer III........ ZN34 $ 1,120
2. Merle R. Penny, 5273, Junior Laboratory Mechanic....... ZN33    1,760
Total, State of Illinois Division of Highways—Creep in Structural Concrete ...................... $ 2,880

STATE OF ILLINOIS DIVISION OF HIGHWAYS—FAILURE CONCRETE
Account Number 47-22-60-325
1. Merle R. Penny, 5273, Junior Laboratory Mechanic..... ZN33 $ 1,760

COLLEGE OF FINE AND APPLIED ARTS
Administration
Account Number 00-24-01-100
1. Gloria R. Sandvold, 1578, Clerk-Typist.................. N $ 3,810
2. Alice T. Wall, 1576, Administrative Secretary (Stenographic)........... N    7,800
Total, Administration ........................................ $11,610

Architecture
Account Number 00-24-05-100
1. Frank M. Sincicito, 7216, Equipment Attendant........ N $ 3,900
2. Patricia C. Gart, 1581, Clerk-Stenographer III........ N 3,000
3. Jean A. McNish, 1579, Secretary (Stenographic)........ N 4,620
Total, Architecture ........................................ $11,520

Art
Account Number 00-24-10-100
1. Lee E. Garrett, 6734, Equipment Attendant............. N $ 4,560
2. Jane W. Grayheck, 1583, Clerk-Typist II.............. N 3,000
3. Helen G. Jordan, 1582, Secretary (Stenographic)...... N 5,520
Total, Art ................................................... $13,100

City Planning and Landscape Architecture
Account Number 00-24-15-100
1. Marianne Dorner, 1585, Clerk-Stenographer III....... N $ 3,480
Total, City Planning and Landscape Architecture........ $ 3,480

Bureau of Community Planning
Account Number 00-24-16-400
1. Brenda K. Eskew, 7413, Clerk-Stenographer II.......... N $ 2,880
2. Barbara D. D'Ascenzo, 7409, Clerk-Typist II........... N 2,730
3. Rose Mary Husmann, 1594, Secretary (Stenographic).... N 3,900
Total, Bureau of Community Planning..................... $ 9,510

School of Music
Account Number 00-24-25-100
1. Shirley L. Burright, 7205, Clerk-Stenographer II...... N $ 3,480
2. Anna M. Farish, 1500, Clerk-Stenographer II........... N 3,240
3. Mary A. Small, 5251, Clerk-Stenographer II............ N 3,180
4. Lillian Marr, 1589, Secretary (Stenographic)........... N 5,610
5. R. F. Helmericks, 1586, Instrument Supervisor......... N 8,300
6. Ralph T. McNeeley, 1587, Piano Maintenance Supervisor... N 8,100
7. G. H. Steward, 5730, Musical Instrument Technician.... N 6,550
8. Arnold Brewe, 1588, Piano Technician.................... N 6,250
Total, School of Music ....................................... $44,710

University of Illinois Bands
Account Number 00-24-35-100
1. John E. Cranford, 7742, Equipment Attendant.......... N $ 5,670
2. Ellamay Dodds, 1592, Typing Clerk III................ N 3,390
Total, University of Illinois Bands ...................... $ 8,460
### Small Homes Council

Account Number 00-24-50-300

<table>
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<tr>
<th>Name</th>
<th>Position</th>
<th>Account Number</th>
<th>Salary</th>
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<tr>
<td>Marguerite Bach, 1897</td>
<td>Clerk-Stenographer II</td>
<td>$3 120</td>
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<td>Lynn A. Snyder, 1898</td>
<td>Clerk-Stenographer II</td>
<td>$3 000</td>
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<td>Gwyneth B. Shaffer, 1899</td>
<td>Clerk-Stenographer III</td>
<td>$3 570</td>
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<td>Lila L. Shedenhelm, 1899</td>
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<td>$3 060</td>
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<td>Dorothy E. Wilkins, 1894</td>
<td>Secretary (Stenographic)</td>
<td>$3 570</td>
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**Total, Small Homes Council** $19 200

### Small Homes Council Publications Revolving

Account Number 12-24-50-466

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<tr>
<td>Lolo M. Huggins, 1873</td>
<td>Clerk I</td>
<td>$3 120</td>
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**Total, Small Homes Council Publications Revolving** $3 120

### Krannert Art Museum

Account Number 00-24-80-100

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**Total, Krannert Art Museum** $7 800

### GRADUATE COLLEGE Administration

Account Number 00-26-01-100

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<th>Name</th>
<th>Position</th>
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<tr>
<td>Edith L. Williams, 7634</td>
<td>Clerk I</td>
<td>$2 010</td>
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<td>Mary E. Hott, 1479</td>
<td>Administrative Clerk</td>
<td>$7 200</td>
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<td>Antoinette La Voie, 1490</td>
<td>Administrative Clerk</td>
<td>$7 600</td>
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<td>Marcia Nock, 7151</td>
<td>Typing Clerk II</td>
<td>$1 800</td>
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<td>Judith R. Clark, 6807</td>
<td>Clerk-Stenographer II</td>
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<td>Suzanne H. Chamberlin, 1482</td>
<td>Clerk-Stenographer III</td>
<td>$3 600</td>
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<td>Elizabeth J. Mitchell, 1486</td>
<td>Clerk-Typist I</td>
<td>$2 820</td>
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<td>Donna M. Black, 1485</td>
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<td>Edna M. Jenkins, 1482</td>
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<td>Sandra E. Sokolow, 5607</td>
<td>Clerk-Typist II</td>
<td>$1 800</td>
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<td>(Total Salary)</td>
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<tr>
<td>Dorothy B. Ricket, 7425</td>
<td>Secretary (Stenographic)</td>
<td>$5 010</td>
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**Total, Administration** $42 550

### Glass Blowing Service

Account Number 09-26-01-932

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<td>Arthur F. Robbins, 5584</td>
<td>Glass Blower II</td>
<td>$5 175</td>
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**Total, Glass Blowing Service** $5 175

### Indirect Costs — Graduate College Administration — Wall

Account Number 41-26-01-100

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**Total, Indirect Costs — Graduate College Administration — Wall** $4 950

### Indirect Costs — Graduate College — Glass Blowing

Account Number 41-26-01-332

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<tr>
<td>Arthur F. Robbins, 5584</td>
<td>Glass Blower II</td>
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**Total, Indirect Costs — Graduate College — Glass Blowing** $3 225

### Special Fund

Account Number 00-26-05-300

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<tr>
<td>Deborah H. Skehen, 1489</td>
<td>Clerk-Typist II</td>
<td>$3 120</td>
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<td>Marcia L. Sedgwick, 6600</td>
<td>Statistician I</td>
<td>$3 380</td>
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**Total, Special Fund** $6 480
Digital Computer Laboratory

Account Number 00-26-15-300

1. G. W. Michael, 1494, Laboratory Program Administrative Assistant ................. N $ 7 350
2. John W. Oare, 1497, Draftsman ...................... ZN50 2 160
3. James E. Bahls, 1499, Junior Laboratory Mechanic ....... ZN50 2 520
4. Thomas E. Kerkering, 5988, Senior Laboratory Mechanic ZN50 3 060
5. Norma I. Saathoff, 5988, Computer Teletype Operator ... N 3 400
6. Ramona J. Russell, 7741, Digital Computer Operator II ... N 5 400
7. Ronald A. Gustafson, 1496, Electronics Technician I1 .... N 3 960
8. Joseph V. Went, 6074, Electronics Technician II ........ N 6 060
9. Total, Digital Computer Laboratory .................. $35 910

Computer Service

Account Number 09-26-15-912

1. Jean E. Ellsworth, 7750, Clerk-Stenographer III ........ N 3 420
2. Clifford E. Carter, 5989, Electronics Engineer .......... N 7 290
3. Robert W. Blencoe, 5309, Digital Computer Operator I ... N 7 620
4. Rosalie J. Hunt, 7745, Tabulating Machine Operator II ... N 4 500
5. Shirlee P. Krabbe, 6241, Electronics Technician II ...... N 5 040
6. Warren V. Richardson, 7430, Office Machine Technician I N 3 900
7. Total, Computer Service .................................. $47 946

Cooperative Investigations

U.S. Atomic Energy Commission 415

Account Number 46-26-15-303

1. John W. Oare, 1497, Draftsman ....................... ZN50 2 160
2. James E. Bahls, 1499, Junior Laboratory Mechanic ...... ZN50 2 520
3. Thomas E. Kerkering, 5988, Senior Laboratory Mechanic ZN50 3 060
4. Richard A. Lierman, 6553, Electronics Technician I .... N 4 260
5. Edmund Pelg, 6205, Electronics Technician I ........... N 5 220
6. Frank P. Serio, 7360, Electronics Technician I .......... N 5 100

Research — Illinois Historical Survey — Pease

Account Number 01-26-25-366

1. Steven H. Moll, 1615, Clerk-Typist II .................. N50 $ 1 350
2. Total, Research — Illinois Historical Survey — Pease .... $ 1 350

Natural Areas and Uncultivated Land

Account Number 00-26-33-300

1. Charles W. Smith, 1502, Forest Custodian ............... P $ 4 698
2. Total, Natural Areas and Uncultivated Land .......... $ 4 698

Physical Environment Unit

Account Number 00-26-35-300

1. Helen McDonnell, 1364, Clerk-Typist III ................ ZN40 $ 1 464
2. Total (Salary) ........................................ (3 060)
2. Lawrence D. Siler, 7049, Environment Laboratory Operator ........................................... N 5,760
   Total, Physical Environment Unit ................................................................. $7,224

Radiocarbon Laboratory

Account Number 00-26-40-300
1. Julia A. Heberer, 5243, Clerk-Typist II ....................................................... N 1,380
   (Total Salary) ............................................................. (2,760)
   Total, Radiocarbon Laboratory ........................................................................... $1,380

State Natural History Survey

Cooperative Investigations
U.S. Public Health Service E1349
Account Number 46-26-82-348
1. Keith P. Dauphin, 7448, Assistant Laboratory Attendant .... N $3,420
2. Gary P. Imel, 7460, Assistant Laboratory Attendant ...... N 3,420
   Total, U.S. Public Health Service E1349 ...................................................... $6,840

State Water Survey

Cooperative Investigations
CROP—HAIL INSURANCE ASSOCIATION—HAIL STORMS
Account Number 44-26-84-334
1. Irene R. Koch, Meteorological Aide II ......................... N $4,410
U.S. Army Signal Corps 75055 IC
Account Number 45-26-84-312
1. Lawrence A. Sticher, 5557, Research Program Administrative Assistant ...................... N 3,750
U.S. Army Signal Corps 75055
Account Number 46-26-84-312
1. Dorothy A. Gurney, 6605, Meteorological Aide I .............. N $3,510
2. ————, 6704, Meteorological Aide I ........................... N 3,660
3. ————, 5921, Meteorological Aide I .......................... N 3,420
4. ————, 6933, Meteorological Aide I .......................... N 3,132
5. Ruth B. Cipelle, 6371, Meteorological Aide II ......... N 5,010
6. Don H. Summers, 5552, Meteorological Aide II ........... N 4,590
7. Edna M. Anderson, 5929, Clerk-Typist II ............... N 3,390
   Total, U.S. Army Signal Corps 75055 ...................................................... $26,562

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Administration
Account Number 00-28-01-100
1. Norma E. Carr, 1649, Chief Clerk ....................................................... N $6,600
2. Kathleen A. Uebel, 7636, Clerk-Stenographer II ...... N 1,440
3. ————, 1652, Clerk-Stenographer II .......................... N 3,000
4. Beverly Beuligmann, 1650, Clerk-Stenographer III ...... N 3,360
   Total, Administration ...................................................................................... $14,400

Institute of Communications Research
Account Number 00-28-20-300
1. ————, 5541, Clerk-Stenographer III ..................... N $3,000
   Total, Institute of Communications Research ............................................... $3,000

Cooperative Investigations
U.S. Public Health Service 3M9067
Account Number 46-28-20-365
1. Freda P. Schell, 6828, Clerk-Typist I ........................ N 50 $1,500
**UNIVERSITY OF ILLINOIS**

**Broadcasting**

**Administration**

Account Number 00-28-21-400

1. Dolores H. Kennedy, 1658, Clerk-Stenographer I ...... N50 $1,350
   **Total, Administration** ...................................... $1,350

**Radio Station**

Account Number 00-28-25-400

1. Thomas J. Waters, 1664, Chief Announcer .......... N50 $2,400
2. Charles A. Amundson, 1675, Radio Program Assistant  N50 1,890
3. David H. Baum, 1674, Radio Program Assistant ...... N50 1,800
4. Bernice I. Cross, 1666, Radio Program Assistant ... N 3,960
5. Marjorie A. Greenwood, 1668, Radio Program Assistant N 3,810
6. Truman D. Hayes, 1674, Radio Program Assistant ... N50 1,800
7. William G. Robinson, 1667, Radio Program Assistant N50 1,800
8. Andrew Stecyk, 1679, Radio Program Assistant ...... N50 1,920
9. Ruth E. Stillwell, 1667, Radio Program Assistant ... N50 2,100
10. Sally A. Wooldridge, 1672, Radio Program Assistant N 3,600
11. ————, 1670, Radio Program Assistant ................. N 3,510
12. ————, 1673, Radio Program Assistant ................. N 1,600
13. Doris A. Casey, 1690, Clerk-Stenographer I ......... N50 1,410
14. ————, 1691, Clerk-Stenographer I ..................... N50 1,350
15. Eva M. Benton, 1684, Assistant Broadcasting Engineer P 5,220
16. Jean W. Burkhart, 7182, Assistant Broadcasting Engineer H (5,220)
17. Donald W. Colaw, 1685, Assistant Broadcasting Engineer P 5,220
18. Lloyd L. Massingill, 1682, Assistant Broadcasting Engineer P 5,220
19. Gerald D. Wood, 1695, Assistant Broadcasting Engineer P 4,281
20. ————, 1688, Assistant Broadcasting Engineer .......... P50 2,610
21. Rob R. Belden, 1663, Chief Broadcasting Engineer ..... NZ50 4,590
   (Total Salary) ................................................... (6,180)
22. Clarence H. Berbaum, 5487, Assistant Chief Broadcasting Engineer ...... N 7,140
23. W. David Smith, 6932, Radio Operator ................. P 4,261
24. Faye Bachert, 1690, Secretary (Stenographic) ....... N 4,050
25. Kevin E. Wheeler, 1665, Production Supervisor ...... N 5,790
26. John A. Regnell, 1661, Supervisor of Educational Programs .......... N75 5,960
   (Total Salary) ................................................... (7,690)
   (Also academic)
27. Kenneth L. Cutler, 1662, Supervisor of Music .......... N 7,320
28. Jimmie G. Turpin, 6417, Supervisor of Sports Broadcasts N 5,610
   **Total, Radio Station** ...................................... $100,442

**Recording Service**

Account Number 00-28-28-973

1. Edna Haney, 1681, Assistant Broadcasting Engineer ...... P $5,220
   **Total, Recording Service** .................................. $5,220

**National Association of Educational Broadcasters — Tape Network**

Account Number 44-28-25-450

1. Jesse L. Trump, Jr., 6732, Recording Engineer .......... N $5,400
2. Robert Underwood, Jr., 1659, NAEB Tape Network Manager .......... N 5,600
4. Gabor I. Belso, 7218, Audio-Visual Aids Technician I .... N75 2,250
5. Zoltan Ujhelyi, 6930, Audio-Visual Aids Technician I .......... N 3,600
   **Total, National Association of Educational Broadcasters — Tape Network** ........ $20,750

**Television-Motion Pictures**

Account Number 00-28-28-400

1. Olive B. Currid, 1678, Radio Program Assistant .......... N50 $2,100
2. Ursula Maksic, 1676, Radio Program Assistant .......... N50 2,100
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<td>C. Margaret Wascher, Chief Clerk</td>
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<td>0501</td>
<td>Billy H. Fassler, Clerk-Stenographer II</td>
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<td>0502</td>
<td>June O. Sharp, Clerk-Stenographer II</td>
<td>$3,600</td>
<td>Administration</td>
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<td>0503</td>
<td>Marian H. Martin, Administrative Secretary (Stenographic)</td>
<td>$7,800</td>
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<td>0504</td>
<td>Betty Brooks Smith, Chief Clerk</td>
<td>$5,580</td>
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<td>Rene I. Robertson, Clerk- Stenographer II</td>
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<td>Jillian L. Hansen, Clerk-Stenographer III</td>
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<td>Wilma F. White, Clerk-Stenographer III</td>
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<td>Lucille N. Ellis, Administrative Secretary (Stenographic)</td>
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<tr>
<td>0510</td>
<td>William L. Miller, Technical Draftsman-Illustrator</td>
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<td>0511</td>
<td>Claire M. Teramoto, Clerk-Typist II</td>
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<td>Richard G. Lawson, Clerk-Typist II</td>
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<td>0513</td>
<td>Jack M. Crannell, Television Director-Producer</td>
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<td>Stevan Borleff, Assistant Broadcasting Engineer</td>
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<td>John Truntt, Assistant Broadcasting Engineer</td>
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<td>Rob R. Belden, Chief Broadcasting Engineer</td>
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<td>Alan B. Jester, Assistant Chief Broadcasting Engineer</td>
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<td>C. W. Winterbottom, Television Writer-Producer</td>
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**Total, Television-Motion Pictures** | $72,654 |

**College of Law**

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<td>00-10-100</td>
<td>C. Margaret Wascher, Chief Clerk</td>
<td>$4,800</td>
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**Total, College of Law** | $21,540 |

**College of Liberal Arts and Sciences**

**Administration**

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<td>Betty Brooks Smith, Chief Clerk</td>
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<td>Jillian L. Hansen, Clerk-Stenographer III</td>
<td>$4,290</td>
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<td>Wilma F. White, Clerk-Stenographer III</td>
<td>$3,630</td>
<td>Administration</td>
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<td>0504</td>
<td>Robert I. Robertson, Clerk-Stenographer III</td>
<td>$4,090</td>
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<td>ind</td>
<td>Lucille N. Ellis, Administrative Secretary (Stenographic)</td>
<td>$7,800</td>
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**Division of Biological Sciences**

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<tr>
<td>00-01-117</td>
<td>Roy J. Charles, Senior Laboratory Mechanic</td>
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<td>Division of Biological Sciences</td>
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<tr>
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<td>Alexander S. Wilson, Senior Laboratory Mechanic</td>
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<td>Division of Biological Sciences</td>
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**Total, Division of Biological Sciences** | $11,640 |

**Drafting Service**

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**Total, Drafting Service** | $4,590 |

**Cooperative Investigations**

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### U.S. Office of Naval Research 1834 22

Account Number 46-32-10-364

1. Richard F. Ripper, 1342, Chief Clerk .................. ZN27  $1,620  
   (Total Salary) ........................................  

### Botany

Account Number 00-32-16-100

1. Natalie H. Davis, 0576, Scientific Artist ............... N  $4,680  
2. Helen E. Sterrett, 0519, Assistant to Curator of Herbari- 
   um .................................................. N  $4,110  
3. Henry W. Harris, 7112, Equipment Attendant .......... N  $4,440  
4. Evelyn V. Menges, 0515, Chief Clerk ................ N  $4,950  
5. M. Jo Ann Mahannah, 0518, Clerk-Typist II .......... N  $2,700  
6. ........................................... 0517, Clerk-Typist II .......... N  $3,000  
7. Walter R. Cook, 0513, Senior Laboratory Mechanic .... N  $5,910  
8. Harold L. Tremaine, 6781, Nurseryman ............... N  $5,400  

**Total, Botany** ........................................ $35,190  

### Indirect Costs — Graduate Research in Botany — Emerson

Account Number 41-32-16-322

1. Lucie W. Clark, 1505, Typing Clerk II ................ N50  $1,650  

**Total, Indirect Costs — Graduate Research in Botany —
   Emerson** ........................................ $1,650  

### Cooperative Investigations

**American Cancer Society E 4**

Account Number 44-32-16-303

1. Peter E. Bloom, 7363, Nurseryman .................... ZN50  $2,700  
   (Total Salary) ........................................  

**U.S. National Science Foundation G2640**

Account Number 46-32-16-358

1. Peter E. Bloom, 7363, Nurseryman .................... ZN50  $2,700  

### Chemistry and Chemical Engineering

Account Number 00-32-19-100

1. F. Thomas Gothard, Jr., 7311, Laboratory Program Ad-
   ministrative Assistant .............................. N  $5,700  
2. Robert E. Duvall, 0540, Senior Laboratory Attendant .. N  $4,794  
3. Ruth Mock, 0554, Animal Caretaker ................... N  $4,620  
4. Elsie M. Wilson, 0523, Administrative Clerk ...... N  $7,200  
5. Robert J. Edwards, 0546, Stores Clerk .............. N  $3,360  
6. Elanor P. Greeson, 0527, Clerk-Stenographer II .... N  $4,020  
7. Nancy J. Tutweiler, 0530, Clerk-Stenographer II .... N  $3,000  
8. Peggy J. Vinson, 0528, Clerk-Stenographer II ....... N  $3,000  
9. Charlotte B. Proemmel, 0528, Clerk-Stenographer II .... N  $3,900  
10. Wendy B. Mitchell, 7244, Clerk-Stenographer II .... ZN50  $1,800  
    (Total Salary) ........................................  
11. .......................................... 7360, Clerk-Stenographer II .......... N  $3,000  
12. Virginia L. Hawkins, 0532, Clerk-Stenographer III ..... ZN89  $3,480  
    (Total Salary) ........................................  
13. Roberta M. Humphrey, 0533, Clerk-Stenographer III .... N  $3,420  
15. .......................................... 7251, Clerk-Typist II .......... ZN50  $1,410  
    (Total Salary) ........................................  
16. Wandalou M. Ziegler, 0526, Clerk-Typist III .......... N  $4,920  
17. William J. Robinson, 7493, Electronics Engineer ... N  $8,000  
18. Leon F. Goodyear, 0521, Glass Blower II .......... N05  $7,600  
    (Also academic) ........................................  
19. Clifford R. Dammers, 7334, Departmental Business Man-
    ager .................................................. N  $10,400  
20. Lee Whyte, 5732, Laboratory Manager ................. N  $9,800  
21. Virgil F. Clements, 0542, Senior Laboratory Mechanic .. N  $5,640  
22. Claude B. Dunn, 0543, Senior Laboratory Mechanic .... N  $5,910  

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Total, Chemistry and Chemical Engineering: $210 300

Cooperative Investigations

A. P. SLOAN FOUNDATION, INC. — ORGANIC CHEMISTRY — ADAMS
Account Number 44-32-19-380
1. Wendy B. Mitchell, 7244, Clerk-Stenographer II ....... ZN50 $ 1 800

U.S. AIR FORCE 5486
Account Number 46-32-19-306
1. ————, 7291, Clerk-Typist III ... ZN50 $ 1 410
2. Joanne H. Lewis, 0832, Clerk-Typist III ........ N 3 900
Total, U.S. Air Force 5486 ................ $ 5 310

U.S. ARMY QUARTERMASTER 1262
Account Number 46-32-19-318
1. Mary C. Hanson, 0711, Secretary (Stenographic) .... ZN18 $ 1 000
   (Total Salary) ................................ (5 490)

U.S.D.A. 492
Account Number 46-32-19-320
1. Mary C. Hanson, 0711, Secretary (Stenographic) .... ZN50 $ 2 760

U.S. NATIONAL SCIENCE FOUNDATION G2626
Account Number 46-32-19-351
1. Mary C. Hanson, 0711, Secretary (Stenographic) .... ZN32 $ 1 730

U.S. PUBLIC HEALTH SERVICE A562
Account Number 46-32-19-377
1. Virginia L. Hawkins, 0532, Clerk-Stenographer III ... ZN11 $ 4 20

U.S. PUBLIC HEALTH SERVICE 2G 321
Account Number 46-32-19-383
1. Nathalie McLaughlin, Clerk-Stenographer III .... N $ 3 000

U.S. PUBLIC HEALTH SERVICE E 1683
Account Number 46-32-19-384
1. Jo Ann K. Boyer, 7667, Junior Laboratory Attendant ... N $ 3 600
2. ————, 0659, Clerk-Stenographer III ................ N 3 300
Total, U.S. Public Health Service E 1683 ............ $ 6 900

U.S. PUBLIC HEALTH SERVICE C 3705
Account Number 46-32-19-387
1. ————, 7685, Scientific Analyst ................ N $ 3 600
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**History**

Account Number 00-32-52-100
1. Ruth H. Lewis, 0849, Secretary (Stenographic) ........ N $5,040

Total, History ........................................... $5,040

**Mathematics**

Account Number 00-32-54-100
1. Lucretia M. Levy, 0642, Assistant to Editor .......... N $3,600
2. .........................., 7346, Clerk-Stenographer II .. N $1,500
3. Carolyn J. Bloemker, 0851, Clerk-Typist II .......... N $3,120
4. .........................., 0850, Secretary (Stenographic) ... N $4,230

Total, Mathematics ...................................... $12,450

**Cooperative Investigations**

U.S. NATIONAL SCIENCE FOUNDATION G 6512
Account Number 46-32-54-160
1. Jean M. Marvin, 7009, Clerk-Stenographer III .......... N $4,500

**Microbiology**

Account Number 00-32-55-100
1. Leonora C. Updike, 0500, Assistant Laboratory Attendant N $3,180
2. .........................., Assistant Laboratory Attendant .. N $3,600
3. Lela B. McElwee, 0510, Junior Laboratory Attendant .... N $3,720
4. Norman L. Miller, 0505, Junior Laboratory Attendant ... N $3,720
5. John L. Buckner, 0506, Senior Laboratory Attendant .... N $4,740
6. .........................., Senior Laboratory Attendant ... N $3,960
7. .........................., 0508, Clerk-Stenographer II .... N $1,530
9. Rose A. Neumann, 0511, Clerk-Stenographer III ........ N $3,000
   (Total Salary) ........................................... (4,020)
10. E. Kathleen Seeds, 0507, Secretary (Stenographic) ... N $3,750
    (Total Salary) ........................................... (3,900)

Total, Microbiology ...................................... $34,680

**Cooperative Investigations**

AMERICAN CANCER SOCIETY E 59 A
Account Number 44-32-55-305
1. Hazel I. Ragel, 0524, Assistant Laboratory Attendant ... N $2,880

U.S.D.A. 993 73
Account Number 46-32-55-314
1. E. Kathleen Seeds, 0507, Secretary (Stenographic) .... N $1,150

U.S. OFFICE OF NAVAL RESEARCH 1834 24
Account Number 46-32-55-364
1. Robert L. Jones, 0557, Assistant Laboratory Attendant ... N $2,880

U.S. OFFICE OF NAVAL RESEARCH 1834 30
Account Number 46-32-55-366
1. Frances E. Engle, 7723, Senior Laboratory Attendant ... N $3,960

U.S. PUBLIC HEALTH SERVICE C1004
Account Number 46-32-55-368
1. Rose A. Neumann, 0511, Clerk-Stenographer III ........ N $1,020

U.S. PUBLIC HEALTH SERVICE E1807
Account Number 46-32-55-374
1. Elfie G. Bailey, 0512, Junior Laboratory Attendant .... N $3,420

**Philosophy**

Account Number 00-32-57-100
1. Betty M. Moore, 0852, Clerk-Stenographer III ........... N $3,510

Total, Philosophy ........................................ $3,510
Physiology

Account Number 00-32-60-100
1. Stella Montgomery, 5514, Foods Laboratory Assistant........... N $ 3 600
2. Olen Mackey, 0855, Animal Caretaker.......................... N $ 4 750
3. Donna M. Fogal, 0866, Clerk-Typist III........................ N $ 3 600
4. Russell J. Gillogly, 0853, Storekeeper....................... N $ 4 810
 Total, Physiology ........................................... $21 140

Political Science

Account Number 00-32-63-100
1. Helen T. Cropp, 0857, Clerk-Stenographer III................. N $1 827
2. Olen Mackey, 0855, Animal Caretaker.......................... N $ 4 200
 Total, Political Science ...................................... $ 4 200

Psychology

Account Number 00-32-66-100
1. Judith C. Pirtle, 7050, Personnel Assistant II.............. N $ 3 600
2. Ulysses G. Mullen, 0864, Assistant Laboratory Attendant... N $1 605
3. Marilyn Wazak, 0860, Clerk-Stenographer III................ N $ 3 450
4. Sharon E. Ferguson, 0866, Clerk-Typist III.................. N $ 3 300
5. Mary L. Virgil, 7527, Clerk-Typist III...................... N $ 3 240
7. Genevieve C. Baker, 0873, Secretary (Transcribing)...... N $ 4 500
 Total, Psychology ........................................... $ 30 675

Indirect Costs — Psychology

Account Number 40-32-66-300
1. Roberta K. Garner, 7453, Clerk-Typist III.................... ZN25 $ 825
 (Total Salary) ........................................... (3 300)
 Total, Indirect Costs — Psychology ................................ $ 825

Cooperative Investigations

U.S. AIR FORCE 5965
Account Number 46-32-66-300
1. Anna M. Gissing, 0868, Clerk-Stenographer III.............. N $ 1 800

U.S. AIR FORCE 371
Account Number 46-32-66-311
1. Albert H. Bowman, 5953, Model Maker........................ ZN25 $ 1 980
 (Total Salary) ........................................... (7 920)
2. Genevieve C. Baker, 0873, Secretary (Transcribing)...... ZN25 $ 1 050
 (Total Salary) ........................................... (4 200)
 Total, U.S. Air Force 371 ................................ $ 3 030

U.S. NAVAL TRAINING CENTER N6 1339 297
Account Number 46-32-66-358
1. Albert H. Bowman, 5953, Model Maker........................ ZN75 $ 5 940
2. Genevieve C. Baker, 0873, Secretary (Transcribing)...... ZN75 $ 3 150
3. Rudolf A. Frasca, 6408, Flight Simulator Maintenance and Design Specialist........ N $ 3 480
 Total, U.S. Naval Training Center N6 1339 297............. $12 570

U.S. OFFICE OF NAVAL RESEARCH 1834 II
Account Number 46-32-66-304
1. Kathryn L. Hansen, 7532, Clerk II............................. N $ 2 700

U.S. PUBLIC HEALTH SERVICE M 1206
Account Number 46-32-66-395
1. Carolyn D. Vilven, 5682, Clerk-Typist II.................... N $ 3 000

U.S. PUBLIC HEALTH SERVICE M 1041 K2
Account Number 46-32-66-366
1. Roberta K. Garner, 7453, Clerk-Typist III................ ZN75 $ 2 475
STATE DEPARTMENT OF PUBLIC WELFARE—CHILDREN'S INTERESTS

Account Number 47-32-66-312
1. 6452, Clerk I. ................. N $ 2,400
2. 6495, Clerk II. .......... N50 $ 1,320

Total, State Department of Public Welfare—Children's Interests $ 3,720

U.S. PUBLIC HEALTH SERVICE M1774

Account Number 46-32-66-367
1. Jean A. Albrecht, 7736, Clerk-Typist II. H $ 3,007
2. 7637, Clerk-Typist II. H $ 3,007

Total, U.S. Public Health Service M1774 $ 6,014

U.S. PUBLIC HEALTH SERVICE M2509

Account Number 46-32-66-375
1. 6452, Clerk-Typist II. .......... N50 $ 1,500

Sociology

Account Number 00-32-69-100
1. 6883, Clerk-Typist II. .......... G $ 1,980
(Nine months)
2. Elma L. Castor, 6882, Secretary (Stenographic) N $ 6,180

Total, Sociology $ 8,160

Cooperative Investigations

FORD FOUNDATION—RECIDIVISM

Account Number 44-32-69-329
1. Janice K. Darnell, 7475, Clerk-Typist III. N $ 3,930

Spanish and Italian

Account Number 00-32-72-100
1. Mary E. Valdes, 6885, Clerk-Stenographer III. N $ 3,720

Total, Spanish and Italian $ 3,720

Speech

Account Number 00-32-75-100
1. Shirley M. Wallace, 6889, Clerk-Stenographer II. N $ 2,820
2. Jennifer M. Hindell, 6890, Clerk-Stenographer III. N $ 3,300
3. 6887, Clerk-Stenographer III. N $ 3,000
4. Annd Donnellan, 6891, Clerk-Typist II. N $ 2,400
5. Katherine A. Mullen, 6886, Secretary (Stenographic) N $ 6,180
6. Jack L. Bradbery, 1491, Electronics Technician I. H $ 2,000
7. Frank J. D'Ascenzo, 1491, Electronics Technician I. N75 $ 3,000
8. 4904, Electronics Technician I. H (3,054)

Total, Speech $ 26,060

Speech Revolving

Account Number 12-32-75-170
1. 5205, Clerk-Stenographer II. N $ 3,060

Total, Speech Revolving $ 3,060

Zoology

Account Number 00-32-79-100
1. Alice A. Boatright, 6899, Scientific Artist. G $ 4,500
(Ten months)
2. E. B. Norton, 6895, Assistant Laboratory Attendant N75 $ 2,267
3. Ruth W. Bruckner, 6894, Clerk-Stenographer III. N $ 4,200
4. Mary A. Mergelkamp, 6898, Clerk-Typist II. N $ 2,400
5. 6896, Clerk-Typist II. N $ 2,040
6. August Kosowski, 6897, Senior Laboratory Mechanic. N $ 5,880
7. Janice W. Bristow, 6893, Secretary (Stenographic) N $ 4,230
8. Robert W. Hinton, 6892, Storekeeper N $ 4,770

Total, Zoology $ 30,887
Cooperative Investigations
U.S. Public Health Service H 2775
Account Number 46-32-79-367
1. Kristina Hedengren, 7056, Scientific Analyst.............. N  $ 3,900

Natural History Museum
Account Number 00-32-86-100
1. Dorothy M. Smith, 6511, Assistant to Museum Curator... N 60 $ 2,640
2. Harry C. Henriksen, 6792, Museum Preparator................. N 520 $ 1,500
3. Total, Natural History Museum........................................... N 5,260 $ 4,160

College of Physical Education
Administration
Account Number 00-36-01-100
1. __________, Clerk-Stenographer I.......................... G50 $ 1,080
(Nine months)
2. Leona Alexander, 1595, Administrative Secretary (Steno-
graphic) .......................................................... N 7,070
Total, Administration ........................................ $ 6,840

Health and Safety Education
Account Number 00-36-05-100
1. __________, Clerk-Stenographer I.......................... G50 $ 900
(Nine months)
2. __________, 1604, Clerk-Stenographer II.................. N 2,700
Total, Health and Safety Education............................ $ 3,600

Physical Education for Men
Account Number 00-36-10-100
1. Woodrow W. Brookey, 1601, Men's Locker Room At-
tendant...................................................... N $ 4,980
2. Donald Eason, 1598, Men's Locker Room Attendant.. N 4,800
3. Charles H. Givens, 1596, Men's Locker Room Attendant.. N 4,080
4. Bird W. Trembly, 1606, Clerk-Stenographer II............. N 3,840
5. __________, Clerk-Stenographer II.......................... G50 900
(Nine months)
6. Bernice E. Sullivan, 1603, Clerk-Stenographer III........ N 4,320
7. Elva Vogel, 5513, Clerk-Typist II........................ G63 1,830
(Nine months)
8. __________, 7512, Clerk-Typist II........................ N 2,700
9. Ann S. Currie, 1602, Secretary (Stenographic)............. N 4,200
10. __________, 1605, Statistician I.......................... N 3,480
11. Ruth E. Hatcher, 6098, Medical Technologist II.......... N 4,420
Total, Physical Education for Men.......................... $39,660

Physical Education for Women
Account Number 00-36-20-100
1. Mary A. Iles, 1613, Women's Locker Room Attendant... H $ 2,700
2. Opal Moyer, 1614, Women's Locker Room Attendant... H 2,810
3. Bede C. Pickett, 1612, Women's Locker Room Attendant H 2,950
4. __________, 7178, Clerk-Typist I........................ G50 1,080
(Nine months)
5. E. Triandafilidis, 1611, Clerk-Typist II.................. N 2,700
6. Phyllis J. Smith, 1610, Secretary (Stenographic)........ N 4,200
Total, Physical Education for Women......................... $16,800

Recreation
Account Number 00-36-25-100
1. __________, 1607, Clerk-Stenographer II.................. N 3,000
2. Dorothy M. Burnett, 1608, Clerk-Stenographer III....... N 3,660
Total, Recreation .................................................. N 6,660
### BOARD OF TRUSTEES

#### Student Rehabilitation Center

**Account Number 00-36-30-100**

1. Fay F. Fergusson, Jr., Equipment Attendant.................................................................. N $5,000
2. Patricia L. Zeigler, 6515, Clerk-Typist II................................................................. N 2,880
3. Marietta J. Kirkwood, 1609, Clerk-Typist III......................................................... N 3,900

**Total, Student Rehabilitation Center........................................................................** $11,840

#### DIVISION OF UNIVERSITY EXTENSION

**Administration**

**Account Number 00-40-01-400**

1. C. D. McMurry, 1780, Chief Clerk.............................................................................. N $5,760
2. Phyllis L. Edwards, 1783, Clerk-Stenographer III................................................. N $1,920
3. Marjorie F. Lewis, 1782, Clerk-Stenographer III.................................................. N 4,320
4. Russell D. Burdette, 1784, Duplicating Machine Operator I..................................... N 2,400
5. Robert J. Silver, 1781, Duplicating Machine Operator III...................................... N 4,680
6. Harriett Broom, 1779, Secretary (Stenographic)..................................................... N 3,320

**Total, Administration..................................................................................................** $21,660

**Correspondence Courses**

**Account Number 00-40-10-100**

1. Sharon L. Johnson, 1799, Clerk-Stenographer III................................................. N $3,510
2. Lynda E. Fallon, 1804, Clerk-Typist I...................................................................... N 2,220
3. Carlene R. May, 1806, Clerk-Typist I...................................................................... N 2,220
4. Nada C. McCartney, 1802, Clerk-Typist II.............................................................. N 2,670
5. Wanda M. Olsen, 1806, Clerk-Typist III................................................................. N 3,600
6. Shirley B. Weaver, 1801, Clerk-Typist III.............................................................. N 2,640

**Total, Correspondence Courses.................................................................................** $16,560

#### Cooperative Investigations

**STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION**

**Account Number 47-40-15-426**

1. Carolyn L. Cole, 7450, Clerk-Typist I................................................................. N $2,670

#### Conference Programs

**Account Number 00-40-20-400**

1. Louise W. Munson, 1770, Clerk-Typist III......................................................... ZN80 $3,120

**Total, Conference Programs.......................................................................................** $3,120

#### Short Courses and Conferences Revolving

**Account Number 12-40-20-470**

1. Max M. Paris, 1793, Commercial Artist II.............................................................. N $6,180
2. Verdia I. Noe, 6825, Clerk-Stenographer III....................................................... N 3,180

**Total, Short Courses and Conferences Revolving.....................................................** $9,360

#### Auxiliary — Allerton House Operation

**Account Number 18-40-20-784**

1. John L. Cruse, 3118, Clerk-Typist II................................................................. H $3,257
2. Louise W. Munson, 1770, Clerk-Typist III......................................................... ZN20 780

**(Perquisites University — one meal)**

3. Edith Allison, 3104, First Cook................................................................................ H 3,331
4. Verdia I. Noe, 3107, Head Cook............................................................................. H 3,696
5. Louise Gadbury, 6150, Second Cook........................................................................ H 2,923
6. Eugene H. Schroth, 5302, Assistant Director of Allerton House........................................... ZN82 5,510

**(Total Salary)...................................................................................................................** $12,936

**(Perquisites University — room and board)**

7. Avis Bennett, 7471, Kitchen Helper........................................................................ H 2,432
8. Faye Hayes, 3116, Kitchen Helper............................................................................ H 2,819
9. Hildred F. Pirtle, 3108, Kitchen Helper.......................... H 2 338
10. Mary H. Brooks, 3113, Housekeeper.......................... H 3 289
11. Jessie Lyons, 4000, Housekeeper.......................... H 3 289
12. Melvin L. Imel, 1772, Kitchen Laborer.......................... H 2 880
13. Dean J. Berry, 6603, Building Mechanic....................... ZN50 2 310
(Total Salary)........................................................................... (4 620)
(Total Salary)........................................................................... (4 620)

Total, Auxiliary — Allerton House Operation.......................... $41 164

Allerton Main House
Account Number 44-40-20-401
1. Eugene H. Schroth, 5302, Assistant Director of Allerton House.................. ZN18 $ 1 220
2. Leland Gale, 1775, Houseman................................................. N 3 120
3. Dean J. Berry, 6603, Building Mechanic....................... ZN50 2 310

Total, Allerton Main House.......................................................... $8 960

Police Training Institute
Account Number 00-40-22-400
1. Betty D. Holzinger, 7128, Clerk-Stenographer II.................. N $ 2 700

Total, Police Training Institute............................................... $ 2 700

Extramural Classes
Account Number 00-40-30-400
1. Janette H. Durr, 1787, Clerk-Stenographer II.................. N $ 2 820
2. Dorothy J. Dewhirst, 3119, Clerk-Stenographer III............. N 3 390
3. Betty A. Sereno, 1788, Clerk-Stenographer III................... N 3 300
4. Eleanor M. Sovereign, 1786, Clerk-Stenographer III............... N 3 900
5. Dorotha F. Will, 1785, Clerk-Stenographer III.............. N 3 660

Total, Extramural Classes......................................................... $17 070

Field Staff
Account Number 00-40-40-400
1. Lillian D. Asselmeier, 7129, Clerk-Typist II.......................... N $ 1 590
2. Wilma B. Leefers, 7127, Clerk-Typist II............................... N 1 710

Total, Field Staff................................................................. $ 3 300

Music Extension
Account Number 00-40-50-400
1. Robert L. Schaefer, 5578, Music Extension Autographer........ N $ 6 870
2. Marilyn L. Spitze, 1790, Clerk-Stenographer III............... N 3 480
3. Margo M. Majer, 7275, Clerk-Typist I......................... N 2 400

Total, Music Extension.......................................................... $12 750

Audio-Visual Aids
Account Number 00-40-60-400
1. Merle B. Mooney, 1792, Clerk-Stenographer III.................. N $ 3 660

Total, Audio-Visual Aids.......................................................... $ 3 660

Graphic Arts Revolving
Account Number 12-40-60-470
1. Mary M. Lee, 1796, Clerk III.............................................. N $ 3 390
2. Robert F. Adams, 7465, Chief Clerk.................................. N 4 140
3. Florence Nesler, 6258, Typing Clerk II.............................. N 3 300
4. Mercedes Swisher, 1798, Typing Clerk II........................... N 2 550
5. Deloras I. Griffen, 5521, Clerk-Typist I.............................. N 2 260
6. Patricia A. Rear, 5529, Clerk-Typist I............................... N 2 640
7. Dorothy J. Willson, 7483, Clerk-Typist I............................. N 2 280
8. Mary F. Holmstrand, 7482, Clerk-Typist II......................... N 2 820
9. Hildreth K. Johnson, 6171, Clerk-Typist II......................... N 2 970
10. Delores A. Stoeger, 1797, Clerk-Typist II......................... N 2 850
12. Paul B. Bruns, 5598, Audio-Visual Aids Technician I.  N  3 120
15. Ralph E. Specht, 6623, Audio-Visual Aids Technician I.  N  2 700
16. Paul V. Trinkle, 6623, Audio-Visual Aids Technician I.  N  2 940
17. Kenneth J. West, 7221, Audio-Visual Aids Technician I.  N  2 940
18. Paul V. Trinkle, 6623, Audio-Visual Aids Technician I.  N  3 540
19. Marion F. Nolmes, 5643, Audio-Visual Aids Technician I.  N  3 660
20. James F. McDonald, 6680, Audio-Visual Aids Technician I.  N  4 680
22. Paul B. Bruns, 5598, Audio-Visual Aids Technician I.  N  3 120
25. Ralph E. Specht, 6623, Audio-Visual Aids Technician I.  N  2 700
27. Kenneth J. West, 7221, Audio-Visual Aids Technician I.  N  2 940
29. Marion F. Nolmes, 5643, Audio-Visual Aids Technician I.  N  3 660
30. James F. McDonald, 6680, Audio-Visual Aids Technician I.  N  4 680

Total, Graphic Arts Revolving............................................. N  4 680

COLLEGE OF VETERINARY MEDICINE

Administration

<table>
<thead>
<tr>
<th>Account Number 00-44-01-100</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Raymond T. Hamilton, 1626, Scientific Laboratory Technical Assistant</td>
<td>N 6 100</td>
</tr>
<tr>
<td>2. Jack V. Washburn, 1627, Scientific Laboratory Technical Assistant</td>
<td>N 6 100</td>
</tr>
<tr>
<td>3. Kathryn B. Humphrey, 1634, Assistant Laboratory Attendant</td>
<td>N 3 300</td>
</tr>
<tr>
<td>4. Mary V. Rasner, 1635, Assistant Laboratory Attendant</td>
<td>N 3 330</td>
</tr>
<tr>
<td>5. Anna S. Ray, 1633, Junior Laboratory Attendant</td>
<td>N 3 900</td>
</tr>
<tr>
<td>6. Alfred C. Hunt, 1638, Senior Laboratory Attendant</td>
<td>N 4 440</td>
</tr>
<tr>
<td>7. Mona B. Jervis, 1629, Senior Laboratory Attendant</td>
<td>N 4 500</td>
</tr>
<tr>
<td>8. William R. Manuel, 1631, Senior Laboratory Attendant</td>
<td>N 4 710</td>
</tr>
<tr>
<td>9. Rachel Marlowe, 1628, Senior Laboratory Attendant</td>
<td>N 4 800</td>
</tr>
<tr>
<td>10. Robert E. Currie, 6669, Animal Caretaker</td>
<td>N 4 620</td>
</tr>
<tr>
<td>11. James Huber Davis, 1639, Animal Caretaker</td>
<td>N 4 620</td>
</tr>
<tr>
<td>12. Paul Reynolds, 1637, Animal Caretaker</td>
<td>N 4 750</td>
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<tr>
<td>13. Stanely E. Vaughn, 1630, Animal Caretaker</td>
<td>N 4 860</td>
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<tr>
<td>15. Albert E. Wolfe, 1636, Animal Caretaker</td>
<td>N 4 620</td>
</tr>
<tr>
<td>16. Doris M. Richards, 1622, Typing Clerk III</td>
<td>N 3 650</td>
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<tr>
<td>(Total Salary)</td>
<td>(4 200)</td>
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<tr>
<td>17. Barbara K. McCoy, 5113, Clerk-Stenographer I</td>
<td>N 2 760</td>
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<tr>
<td>18. Marvane W. Blackmore, 1625, Clerk-Stenographer II</td>
<td>N 3 060</td>
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<tr>
<td>19. Gloria A. Matthews, 1623, Clerk-Stenographer II</td>
<td>N 3 060</td>
</tr>
<tr>
<td>20. Beverly A. Seward, 1619, Clerk-Stenographer II</td>
<td>N 2 700</td>
</tr>
<tr>
<td>21. Beulah L. Nave, 1621, Clerk-Typist II</td>
<td>N 2 820</td>
</tr>
<tr>
<td>22. Helen V. Olson, 6940, Junior Illustrator</td>
<td>N 2 100</td>
</tr>
<tr>
<td>23. Carrie McGreevy, 1616, Administrative Secretary (Stenographer)</td>
<td>N 7 500</td>
</tr>
<tr>
<td>(Total, College of Veterinary Medicine)</td>
<td>$106 340</td>
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Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E 2084

Veterinary Clinic Revolving

<table>
<thead>
<tr>
<th>Account Number 12-44-20-270</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Sue A. Sadler, 6733, Clerk-Stenographer II</td>
<td>N 3 360</td>
</tr>
<tr>
<td>2. Rosalen M. Knapp, 1620, Clerk-Typist II</td>
<td>N 3 480</td>
</tr>
<tr>
<td>3. Dorothy R. Severson, 1624, Clerk-Typist II</td>
<td>N 2 860</td>
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<tr>
<td>(Total, Veterinary Clinic Revolving)</td>
<td>$ 9 720</td>
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</table>
**Veterinary Pathology and Hygiene**

**Cooperative Investigations**

U.S. Public Health Service E 2141

Account Number 46-44-30-365

1. R. W. Anderson, 0921, Senior Laboratory Attendant... ZN25 $ 1 125
   (Total Salary) --------------------------------- (4 500)

**ARMED FORCES**

Air Force Science

Account Number 00-50-10-100

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Rate (Salary)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. Loraine Royce, 5052</td>
<td>Clerk-.Stenographer II</td>
<td>$ 3 480</td>
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<tr>
<td>Gloria E. Roberts, 7208</td>
<td>Clerk-Typist I</td>
<td>$ 500</td>
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<tr>
<td>Betty L. Kuykendall, 1818</td>
<td>Clerk-Typist II</td>
<td>$ 2 730</td>
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<td><em>Total, Air Force Science</em></td>
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<td>$ 7 710</td>
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**Military Science and Tactics**

Account Number 00-50-30-100

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Rate (Salary)</th>
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<tbody>
<tr>
<td>Josephine M. Murphy, 1812</td>
<td>Clerk-.Stenographer I</td>
<td>$ 3 540</td>
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<tr>
<td>Barbara J. Powell, 1811</td>
<td>Clerk-...</td>
<td>$ 2 040</td>
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<tr>
<td>Marie Doyle, 1808</td>
<td>Secretary (Stenographic)</td>
<td>$ 5 880</td>
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<td><em>Total, Military Science and Tactics</em></td>
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<td>$12 360</td>
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**Naval Science**

Account Number 00-50-40-100

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Rate (Salary)</th>
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<tbody>
<tr>
<td>Joan I. Haynes, 1816</td>
<td>Clerk-...</td>
<td>$ 3 300</td>
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<tr>
<td><em>Total, Naval Science</em></td>
<td></td>
<td>$ 3 300</td>
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**INSTITUTE OF AVIATION**

Account Number 00-52-10-100

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Rate (Salary)</th>
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<tbody>
<tr>
<td>Vern H. Pittman, 1821</td>
<td>Head Airport Caretaker</td>
<td>$ 6 600</td>
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<tr>
<td>(Perquisites University — house)</td>
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<tr>
<td>Glena Griffith, 1841</td>
<td>Clerk II</td>
<td>$ 3 720</td>
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<tr>
<td>Linda J. Johnson, 1844</td>
<td>Clerk-Stenographer II</td>
<td>$ 2 820</td>
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<tr>
<td>Mary O. Jordan, 1842</td>
<td>Clerk-Stenographer III</td>
<td>$ 4 110</td>
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<tr>
<td>Ruth L. Fiscus, 1843</td>
<td>Clerk-Typist II</td>
<td>$ 3 210</td>
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<tr>
<td>Bonnie K. Gallagher, 7457</td>
<td>Clerk-Typist II</td>
<td>$ 5 710</td>
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<td></td>
<td></td>
<td>$12 360</td>
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<tr>
<td>Forrest L. Lancaster, 1819</td>
<td>Aircraft Maintenance Engineer</td>
<td>$ 11 050</td>
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<tr>
<td>F. B. Schaber, 1820</td>
<td>Aircraft Shop Foreman</td>
<td>$ 8 550</td>
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<tr>
<td>Anderson B. Clark, 3125</td>
<td>Laborer</td>
<td>(5 638)</td>
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<tr>
<td>Paul J. Eckstein, 3126</td>
<td>Laborer</td>
<td>(5 325)</td>
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<tr>
<td>Elmer J. Kleiss, 3124</td>
<td>Laborer</td>
<td>(5 638)</td>
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<tr>
<td>Orville C. Pittman, 3127</td>
<td>Laborer</td>
<td>(5 325)</td>
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<tr>
<td>Alvin F. Schaefer, 3129</td>
<td>Laborer</td>
<td>(5 638)</td>
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<tr>
<td>Chester C. Summers, 3130</td>
<td>Laborer</td>
<td>(5 325)</td>
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<tr>
<td>Marion F. Thomas, 3131</td>
<td>Laborer</td>
<td>(5 325)</td>
</tr>
<tr>
<td>Russell J. Yezel, 3132</td>
<td>Laborer</td>
<td>(5 325)</td>
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<tr>
<td>Joe L. Collins, 1838</td>
<td>Lineman</td>
<td>$ 5 160</td>
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<tr>
<td>Robert E. Fryer, 1836</td>
<td>Lineman</td>
<td>$ 5 160</td>
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<tr>
<td>Owen G. Gilbert, 1835</td>
<td>Lineman</td>
<td>$ 5 400</td>
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<tr>
<td>Joseph L. Miller, 1832</td>
<td>Lineman</td>
<td>$ 5 400</td>
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<tr>
<td>Harry T. Demersis, 1833</td>
<td>Chief Lineman</td>
<td>$ 5 980</td>
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<tr>
<td>Floyd W. Bowerman, 1825</td>
<td>Master Aircraft and Aircraft Engine Mechanic</td>
<td>$ 7 080</td>
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<tr>
<td>John T. Pringle, 1826</td>
<td>Master Aircraft and Aircraft Engine Mechanic</td>
<td>$ 7 080</td>
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<tr>
<td>Robert L. Deshazo, 1831</td>
<td>Junior Aircraft Maintenance Mechanic</td>
<td>$ 6 000</td>
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<tr>
<td>Raymond E. Anderson, 1828</td>
<td>Senior Aircraft Maintenance Mechanic</td>
<td>$ 6 030</td>
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<tr>
<td>Milton C. Bates, 1822</td>
<td>Master Airport Mechanic</td>
<td>$ 7 230</td>
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<tr>
<td>Wayne Mandrell, 1823</td>
<td>Master Airport Mechanic</td>
<td>$ 7 170</td>
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</tbody>
</table>
29. Leonard R. Rexroad, 1824, Master Airport Mechanic........... N 6 900
31. Gertrude C. Becker, 1839, Administrative Secretary (Stenographic)........................ N 7 500
32. C. E. Horn, 1840, Storekeeper.......................... N 5 160

Total, Institute of Aviation........................................... $137 930

Airport Revolving

<table>
<thead>
<tr>
<th>Account Number</th>
<th>12-52-10-270</th>
<th>Richard H. Walling, 7004, Flight Assistant.................. N100 $4 800</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td>Joan E. Reynolds, 7414, Clerk III.......................... N 3 240</td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td>Walter Schroeder, 3120, Driver .......................... P (5 610)</td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td>Glen W. Shipley, 3121, Driver .......................... P (5 610)</td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td>John M. Shott, 3122, Driver .......................... P (5 610)</td>
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<tr>
<td>5.</td>
<td></td>
<td>Dickie D. Schwabe, 1830, Aircraft Maintenance Mechanic Helper N 3 180</td>
</tr>
<tr>
<td>6.</td>
<td></td>
<td>Darwin D. Zachay, 1820, Junior Aircraft Maintenance Mechanic N 6 000</td>
</tr>
<tr>
<td>7.</td>
<td></td>
<td>Gordon J. Willenbring, 6973, Master Aircraft Radio Repairman N 5 820</td>
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Total, Airport Revolving........................................... $23 040

INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS

Account Number 00-56-10-300

<table>
<thead>
<tr>
<th>Account Number</th>
<th>1. Laura E. Duncan, 3133, Clerk-Typist II............... N $3 210</th>
</tr>
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<tbody>
<tr>
<td>2.</td>
<td>Sharon M. Dallas, 5115, Clerk-Typist II........... N50 1 380</td>
</tr>
<tr>
<td>3.</td>
<td>Doris E. Falk, 1847, Secretary (Stenographic) ...... N 4 500</td>
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Total, Institute of Government and Public Affairs........... $9 150

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

Account Number 00-60-10-300

<table>
<thead>
<tr>
<th>Account Number</th>
<th>1. Eugene E. Brott, 1850, Editorial Assistant........ N50 $1 920</th>
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<tbody>
<tr>
<td>2.</td>
<td>Maxine Haworth, 1852, Administrative Clerk.................. N 6 750</td>
</tr>
<tr>
<td>3.</td>
<td>Sandra L. Rochhold, 1861, Clerk-Stenographer II........... N 3 120</td>
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<tr>
<td>4.</td>
<td>Patricia A. Schuyler, 1857, Clerk-Stenographer II.......... N 3 000</td>
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<tr>
<td>5.</td>
<td>Dorothy E. Parker, 1856, Clerk-Stenographer III........... N 3 420</td>
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<td>6.</td>
<td>Beverly Jean Creek, 1863, Clerk-Typist I................... N 2 340</td>
</tr>
<tr>
<td>7.</td>
<td>Mary J. Duitsman, 1862, Clerk-Typist II..................... N 2 400</td>
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<td>8.</td>
<td>Jo Ann Block, 1859, Clerk-Typist III......................... N 3 180</td>
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<tr>
<td>9.</td>
<td>Beverly L. Brockway, 1860, Clerk-Typist III................. N 2 940</td>
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<tr>
<td>10.</td>
<td>Anice J. Duncan, 1855, Clerk-Typist III..................... N 4 140</td>
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<tr>
<td>11.</td>
<td>Mary L. Murray, 1853, Secretary (Stenographic)........... N 5 250</td>
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Total, Institute of Labor and Industrial Relations......... $38 460

SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100

<table>
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<tr>
<th>Account Number</th>
<th>1. Gertrud A. Dunksus, 5268, Clerk-Stenographer III...... N $3 600</th>
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<td>2.</td>
<td>Linda L. Swanik, 1878, Clerk-Stenographer III................ N 3 420</td>
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<td>3.</td>
<td>Marion D. Gilbert, 7617, Clerk-Typist II..................... ZN30 7 800</td>
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<td>(Total Salary) ................................................................</td>
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<td>4.</td>
<td>Julia B. Maszota, 5371, Secretary (Stenographic)........... N 4 440</td>
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<td>5.</td>
<td>Jo Schmalhausen, 1877, Administrative Secretary (Steno-</td>
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<td>graphic) ..................................................................</td>
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Total, School of Social Work........................................ $19 740

Cooperative Investigations

U.S. Public Health Service 2M6552

Account Number 46-68-10-365

| Account Number | 1. Ruby Collins, Clerk-Typist III......................... N $3 600 |

U.S. Public Health Service 2M 6344

Account Number 46-68-10-166

| Account Number | 1. Marion D. Gilbert, 7617, Clerk-Typist II................ ZN70 $1 800 |
**DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**

**Account Number 00-70-10-100**

1. Beverly A. Bailey, 1882, Clerk-Stenographer II .......... N $ 2,700

Total, Division of Special Services for War Veterans: $ 2,700

**SUMMER SESSION**

**Administration**

**Account Number 00-72-01-100**

1. Phyllis I. Edwards, 1728, Clerk-Stenographer III .... ZN50 $ 1,920

(Total Salary) ...................................... (3,840)

2. Harriett Broom, 1777, Secretary (Stenographic) .... ZN50 $ 3,120

(Total Salary) ...................................... (6,240)

Total, Administration ................................ $ 5,040

**UNIVERSITY PRESS**

**Account Number 00-78-10-400**

1. Janet A. Binkle, 5540, Editorial Assistant .......... N $ 4,500

2. Jane C. Papageorgis, 1702, Editorial Assistant .... N $ 3,810

3. Elizabeth G. Dulany, 7798, Assistant to Editor ... N $ 4,800

4. Rachel E. Edwards, 1704, Clerk III .......... N $ 3,600

5. ————, 1706, Clerk-Typist II ........ N $ 2,520

6. ————, 1705, Clerk-Typist II ........ N $ 1,920

(Total Salary) ...................................... $ 12,240

7. Vivian M. Sadewater, 3001, Clerk-Typist III .... N $ 3,660

8. Lois I. Buescher, 1703, Secretary (Stenographic) N $ 4,230

Total, University Press ................................ $26,563

**Art Service**

**Account Number 09-78-10-902**

1. Charles T. Flora, 6400, Commercial Artist I ....... N75 $ 3,000

2. Raymond L. Slanker, 1728, Commercial Artist I .... N $ 5,400

3. ————, 3000, Commercial Artist I .......... N $ 2,880

4. ————, 7379, Commercial Artist I .......... N $ 3,600

5. F. Wade Harris, 1730, Commercial Artist II .... N $ 6,100

6. Alice I. Parker, 1732, Assistant to Art Editor ... N $ 3,000

7. ————, 5788, Assistant Art Editor .... N $ 7,500

Total, Art Service .................................. $32,480

**Mailing Service**

**Account Number 09-78-10-952**

1. Warren H. Maclin, 7747, Distribution Clerk ........ N $ 3,000

2. Thomas A. McGreevey, 6908, Distribution Clerk .... N $ 3,060

3. G. Bernice Griffet, 1726, Typing Clerk II .... N $ 2,400

4. Marjorie R. McKinney, 5255, Typing Clerk II .... N $ 2,580

5. R. K. Lumsden, 1718, Mailing Service Foreman ... N $ 5,970

6. Susan M. Canull, 1723, Office Appliance Operator I N $ 2,400

7. Barbara S. Earl, 1722, Office Appliance Operator I N $ 2,280

8. Bonnie M. Johnson, 3098, Office Appliance Operator I N $ 2,220

9. ————, 1725, Office Appliance Operator I .... N $ 2,220

10. ————, 1724, Office Appliance Operator I .... N $ 2,220

11. Norman E. Lasater, 7372, Storekeeper .......... N $ 4,860

Total, Mailing Service ................................ $32,530

**Print Shop**

**Account Number 09-78-10-968**

1. Hendericus Noorman, 3064, Accountant I .......... H $ 6,000

2. Myrtle Dorsett, 7014, Bookbindery Assistant .... P $ 2,880

3. Dale Green, 3076, Bookbindery Assistant .... P $ 4,719

4. Richard A. Matlhin, 3073, Bookbindery Assistant ... P $ 3,111

5. ————, 5301, Bookbindery Assistant .... P $ 2,297

6. Leona S. Eckergy, 1706, Senior Printing Assistant ... P $ 6,118

7. Lillian A. Slavens, 1715, Clerk III .......... H $ 4,140

8. Malcolm G. Davis, 3078, Composer .......... P $ 6,118
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<td>46-79-10-444</td>
<td>U.S. — India North Central Region</td>
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<td>00-80-05-100</td>
<td>Library and Graduate School of Library Science Graduate School of Library Science</td>
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**University Press Revolving**

1. 1705, Clerk-Typist II ................. ZN50 $1.260

**Total, University Press Revolving** $1.260

**INTERNATIONAL COOPERATION PROGRAMS**

**U.S. — India North Central Region**

1. Martha L. Jones, 6507, Clerk-Typist II ................. ZN50 $1.260

2. Mary M. Miller, 6779, Clerk-Stenographer II .......... N $3.030

3. Shirley R. Lovenguth, 6332, Clerk-Stenographer III .... N $3.030

**Total, U.S. — India North Central Region** $7.090

**LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE**

**Graduate School of Library Science**


2. Peggy J. Apperson, 1654, Clerk-Typist II .......... N $2.520
3. Bernice B. Montgomery, 1656, Clerk-Typist II ............ N 2 850
4. Helen I. Knights, 1653, Secretary (Stenographic) ....... N 6 150

**Total, Graduate School of Library Science** ................. $14 820

### Library Trends Revolving

Account Number 12-80-05-146
1. Janet C. Phillips, 5127, Editorial Assistant ............ N $ 4 500

**Total, Library Trends Revolving** ........................... $ 4 500

### Library

**Administration**

Account Number 00-80-10-500
1. Winfred J. Rasmussen, 1891, Clerk I ..................... N $ 2 700
2. Allen Rivers, Jr., 6691, Distribution Clerk .......... N 3 750
3. Rita A. Becker, 1889, Clerk-Typist III ............. N 2 820
4. Pearlie M. Stovall, 1888, Clerk-Typist III .......... N 2 000
5. Clarabelle Gunning, 1887, Secretary (Stenographic) .... N 6 270
6. Charles K. Gifford, 1886, Storekeeper ................. N 5 010

**Total, Administration** .................................... $23 760

**Microfilm Revolving**

Account Number 12-80-10-552
1. Mardelle J. Austin, 1938, Photographic Technician I .... N $ 2 760

**Total, Microfilm Revolving** ................................. $ 2 760

### Acquisition Department

Account Number 00-80-20-500
1. E. Ruth Lashley, 1902, Library Clerk II ............... N $ 3 000
2. Pauline McDaniel, 6465, Accounting Clerk II ......... N 3 930
3. Merle B. Ferris, 6130, Library Clerk II ............ N 2 700
4. Betty A. Gard, 1898, Library Clerk II .............. N 1 350
5. Tinsie E. Ponder, 1906, Library Clerk II .......... N 2 050
6. Evelyn A. Smith, 1895, Library Clerk II ........... N 2 730
7. Marcella H. Raker, 1904, Library Clerk II ........... N 2 520
8. Mary J. Camp, 6423, Library Clerk III .............. N 3 120
9. Ellen Smith, 1894, Library Clerk III ............... N 3 600
10. Doris A. Montgomery, 5553, Library Clerk III ....... N 2 820
11. Ida Pessa, 1903, Chief Library Clerk ............... N 3 900
12. Violet L. Wilkey, 1892, Chief Library Clerk ...... N 4 500
13. Alice M. Andrews, 1901, Clerk-Typist II ........... N 3 000
14. Laverne M. Dillon, 1900, Clerk-Typist II ........ N 3 000
15. Bernice K. Skinner, 5374, Clerk-Typist II ......... N 2 400
16. Leslie W. Dunning, 1937, Photographic I ........ N 4 500

**Total, Acquisition Department** .......................... $50 010

### Catalog Department

Account Number 00-80-30-500
1. Roselyn A. Blum, 1912, Library Clerk II ............. N $ 2 670
2. Bernice L. Brightwell, 5463, Library Clerk II .... N 1 560
3. Kathy Garman, 7125, Library Clerk II ............. N 2 640
4. Marcia L. Jetton, 1911, Library Clerk II ........ N 1 210
5. Patricia T. Prine, 1924, Library Clerk II ...... N 2 610
6. Elizabeth J. Sweet, 1921, Library Clerk II .... N 2 640
7. Highland Wiseman, 1927, Library Clerk II ......... N 3 000
8. Marcella H. Raker, 1926, Library Clerk II ....... N 2 400
9. Lucile R. Carter, 1918, Library Clerk III ....... N 3 630
10. Ruth E. English, 1917, Library Clerk III ....... N 3 060
11. Harriet L. Mason, 1919, Library Clerk III .... N 3 660
12. Marguerite Lawrence, 5377, Chief Library Clerk .... N 4 880
13. Shirley J. Perry, 1915, Chief Library Clerk .... N 4 880
15. Janice E. Finney, 1932, Clerk-Typist II ....... N 2 580
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<td>Joyce E. Basham</td>
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<td>Mary D. Hanley</td>
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<td>Charles S. Longley</td>
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<td>Kathleen L. O'Brien</td>
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<td>Walter H. Slack</td>
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<td>Harriet C. Lyon</td>
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<td>Lucy T. Hamada</td>
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<td>00-80-50-500</td>
<td>Winifred M. Baum</td>
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11. Bonnie F. Johns, 3135, Library Clerk II ......................... N 2 520
13. Carol P. Michler, 7107, Library Clerk II ....................... N 2 520
14. Dorothy N. Peters, 1960, Library Clerk II ..................... N 2 940
16. Rosemary A. Rowe, 5375, Library Clerk II ..................... N 2 760
17. Elizabeth A. Schiltz, 1964, Library Clerk II ................... N 2 520
18. Helen J. Sherry, 1958, Library Clerk II ......................... N 3 000
19. Marjorie C. Stevenson, 1956, Library Clerk II ................ N 2 760
20. Jacquelyn A. Swanson, 1966, Library Clerk II .................. N 2 640
22. Julius C. Thornton, 5300, Library Clerk II ..................... N 2 760
23. Dagmar E. Weill, 1950, Library Clerk II ......................... N 2 640
25. _________, 1965, Library Clerk II ................................ N 2 460
26. _________, 1965, Library Clerk III ............................... N 3 000
27. Nancy L. Jenne, 1968, Chief Library Clerk ...................... N 4 500
28. Carol B. Bettinger, 6454, Clerk-Typist II ...................... N 2 520
29. _________, 6288, Clerk-Typist II ................................ N 2 610

Total, Departmental Libraries ...................................... $79,050

Reference Department

Account Number 00-80-60-500

1. Pauline M. Cavitt, 6195, Library Clerk II ...................... N $ 2 640
2. _________, 1967, Clerk-Typist II ................................ N 2 460

Total, Reference Department ....................................... $5,100

PHYSICAL PLANT

Administration

Account Number 00-82-01-600

1. Ivan N. Anderson, 1983, Accountant I ......................... N $ 5 310
2. Clyde B. Roberts, 1961, Accountant III ....................... N 8 250
3. E. S. Sefcik, 7097, Assistant to Director of Physical Plant N 10,000
4. L. G. Hernecheck, 1986, Assistant to Superintendent of Buildings and Grounds ................. N 12 000
5. S. Alice Deck, 1978, Clerk II ................................ N 3 180
7. Patricia S. White, 1990, Clerk II ................................ N 2 670
8. Agnes Burke, 1988, Clerk III ................................... N 4 020
9. Thelma Graf, 1976, Clerk III ................................... N 4 080
11. Mabel W. Cordes, 6591, Payroll Clerk II ...................... N 3 180
14. Nancy K. Gordon, 1985, Clerk-Stenographer II ................ N 3 000
15. Janet S. Sanders, 2081, Clerk-Stenographer I ..................... N 2 700
16. Carol S. Bailey, 5310, Clerk-Stenographer III ............... N 3 600
17. Viola K. Williams, 1993, Clerk-Typist II ...................... N 3 120
18. Nancy A. Forsyth, 2000, Bookkeeping Machine Operator I N 2 400
21. Mary A. Mason, 1988, Secretary (Stenographic) ................ N 5 160
22. Eileen Wilske, 1974, Secretary (Stenographic) ............... N 5 910

Total, Administration .............................................. $100,690

Stores — Physical Plant Overhead

Account Number 08-82-01-967

1. Barbara D. Widows, 2008, Clerk II ............................... N $ 2 760
2. Nancy S. Bailey, 2009, Clerk III ................................. N 3 000
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<td>John H. Fung, 6952, Accountant I</td>
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<td>09-82-01-902</td>
<td>A. S. Davis, 2057, Associate Architect</td>
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<td>09-82-01-902</td>
<td>H. Summerfield Day, 7791, Associate Architect</td>
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<td>Robert B. Little, 2062, Associate Architect</td>
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<td>Ben W. Maxwell, 6591, Associate Architect</td>
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<td>C. Hardy Oliver, 6125, Associate Architect</td>
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<td>W. H. Stermer, 2066, Associate Architect</td>
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<td>Raymond G. Johnson, 6949, Senior Architect</td>
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<td>Richard W. Baker, 6037, Accounting Clerk</td>
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<td>Joyce E. Clark, 2085, Typing Clerk I</td>
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<td>Joan A. Luttrell, 6822, Clerk-Stenographer II</td>
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<td>Dee W. Frame, 1975, Clerk-Stenographer III</td>
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<td>James A. Babcock, 3158, Draftsman</td>
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<td>George J. Trautmann, 3157, Draftsman</td>
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<td>Stephen G. Roman, 2067, Architectural Draftsman I</td>
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<td>S. A. Dahlstrom, 2063, Architectural Draftsman II</td>
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<td>Charles Farina, 2060, Architectural Draftsman II</td>
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<td>J. A. Curtis, 2061, Chief Architectural Draftsman</td>
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<td>Ralph Henneman, Jr., 7767, Architectural Electrical Engineer</td>
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<td>Kenneth E. Gunther, 2066, Architectural Mechanical Engineer</td>
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<td>Darrell E. Ward, 2058, Architectural Mechanical Engineer</td>
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<td>Richard R. Gifford, 7080, Architectural Superintendent.</td>
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<td>Elbert L. McDaniel, 6559, Architectural Superintendent.</td>
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<td>J. G. Schelter, 7328, Architectural Superintendent.</td>
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Total, Architectural Overhead: $268 025

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<tr>
<th>Account Number</th>
<th>Description</th>
<th>Name</th>
<th>Position</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>09-82-01-945</td>
<td>John C. Ambrose, 5510, Accountant II</td>
<td>H</td>
<td>$6 240</td>
<td></td>
</tr>
<tr>
<td>09-82-01-945</td>
<td>Don B. Winterbottom, 6391, Space Analyst II</td>
<td>H</td>
<td>$5 040</td>
<td></td>
</tr>
<tr>
<td>09-82-01-945</td>
<td>Dwight E. Slavens, 1996, Clerk III</td>
<td>H</td>
<td>$4 140</td>
<td></td>
</tr>
</tbody>
</table>

Total, Physical Plant Labor: $16 020
## Building Operation

Account Number 00-82-05-600

2. Jack T. Harroun, 6813, Assistant to Superintendent of Operations .................. N  8,220
   (Total Salary) ........................................................................... (12,600)

   **Total, Building Operation** .................................................... $21,610

## Fire Prevention and Safety

Account Number 00-82-10-600

1. Herbert L. White, 2014, Superintendent of Sanitation and Safety .................. ZN67  8,000
   (Total Salary) ........................................................................... (12,000)

   **Total, Fire Prevention and Safety** ......................................... $8,000

## Police and Watchmen

Account Number 00-82-15-600

1. Joseph E. Blaze, 0484, Supervisor of Security and Traffic .................. ZN50  4,905
   (Total Salary) ........................................................................... (9,810)

   **Total, Police and Watchmen** ................................................ $4,905

## Building Maintenance

Account Number 00-82-20-600

1. Ramon F. Vogel, 2018, Structural Engineer .................. N  $12,000
2. Edward A. Cousins, 5806, Building Inspector .................. N  7,800
3. George L. Purcell, 2019, Building Inspector .................. N  7,800
   **Total, Building Maintenance** ................................................ $41,460

## General Maintenance

Account Number 00-82-25-600

1. Helen M. Eisenhour, 2033, Routing Dispatcher II .................. N  3,150
2. Anna M. Tapp, 2032, Routing Dispatcher II .................. N  3,000
3. Cora L. James, 2030, Routing Dispatcher III .................. N  5,040
4. H. I. Haugaard, 2027, Routing Supervisor .................. N  6,120
   **Total, General Maintenance** ................................................ $17,310

## Labor — General Maintenance

Account Number 09-82-25-945

1. Donald S. Parry, 2045, Electrical Engineer .................. H  9,300
2. K. W. Smith, 2041, Mechanical Engineer .................. H  10,980
3. L. E. Douglass, 2021, Project Engineer .................. H  10,380
4. Frank A. Parks, 2022, Project Engineer .................. H  9,720
   **Total, Labor — General Maintenance** .................................. $40,380

## Grounds

Account Number 00-82-30-600

1. John Curtis Gabbard, 2036, Operations Engineer .................. ZN33  3,850
   (Total Salary) ........................................................................... (11,559)
2. R. S. Chamberlin, 2011, Superintendent of Operations ...................... ZN67  8,600
   (Total Salary) ........................................................................... (12,900)

   **Total, Grounds** ..................................................................... $12,450

## Labor — Grounds

Account Number 09-82-30-945

1. T. H., 2037, Project Engineer .................. H  8,000
2. Dorothea Williamson, 2089, Landscape Gardener .................. H  5,580
   **Total, Labor — Grounds** .................................................. $13,580
Transportation

Account Number 00-82-35-600
(Total Salary) ........................................ 11,550
Total, Transportation ................................... $3,850

Car Pool Service

Account Number 09-82-35-912
1. O. L. Fairchild, 6240, Fleet Dispatcher .............. N $7,500
2. John Curtis Gabbard, 2036, Operations Engineer .... ZN34 $3,850
Total, Car Pool Service ................................ $11,350

Heat, Light, and Power

Account Number 00-82-40-600
1. Harley E. Lowery, 2048, Operations Clerk .......... N $4,950
2. Karen L. Bradley, 2041, Clerk-Stenographer II .... N 2,700
3. Clifford H. Dixon, 5987, Assistant Instrument and Efficiency Engineer ......................... N 6,540
4. James E. Van Reenen, 2044, Assistant Instrument and Efficiency Engineer ......................... N 4,800
5. Theodore A. Bradbury, 2042, Power Plant Mechanical Engineer ........................................ N 10,980
6. Gordon V. Carlson, 2039, Superintendent of Utilities .... N 13,770
Total, Heat, Light, and Power ............................ $43,740

Labor — Heat, Light, and Power

Account Number 00-82-40-045
1. C. C. Andrew, 2023, Architectural Draftsman II ....... H $8,640
2. Russell Parks, 2020, Engineering Draftsman I ........ H 5,850
3. N. W. Nester, 2020, Civil Engineer ..................... H 9,300
4. W. W. Hinshaw, 2040, Electrical Engineer ............. H 12,000
5. B. W. Anderson, 2043, Assistant Electrical Engineer ... H 9,480
6. George P. Porter, 2046, Mechanical Engineer ........... H 9,510
7. Milton L. Steiner, 2047, Junior Mechanical Engineer ... H 7,920
8. Leo A. Corby, 2042, Estimator .......................... H 9,300
Total, Labor — Heat, Light, and Power .................... $72,060

Water Station

Account Number 00-82-45-600
1. Patsy 11.3. Esworthy, 2051, Clerk ...................... N $3,240
2. Herbert L. White, 2014, Superintendent of Sanitation and Safety ....................... ZN33 4,000
(Total Salary) ............................................ 12,000
Total, Water Station .................................. $7,240

Reservations and Information

Account Number 00-82-66-600
1. C. E. Wertz, 2683, Assistant to Director of Illini Union .... ZN25 $1,905
(Total Salary) ............................................ 7,620
2. Francis W. McCullough, 2684, Supervisor of Information 5,490
3. Annette J. Thackeray, 2704, Typing Clerk II ........... N 2,910
Total, Reservations and Information .................. $10,305

Telephone Service

Account Number 09-82-69-983
1. Lois E. Overmyer, 2710, Clerk III .......................... N $4,200
2. Sandra J. Jimenez, 7820, Card Punch Operator I .... N 2,400
Total, Telephone Service .......................... $6,600
Architectural Studies for Future Buildings

Account Number 06-82-70-905

1. Dorlis J. Kirchner, Clerk-Stenographer II .................. $ 576
   (Total Salary) ................................................. (3,840)

Total, Architectural Studies for Future Buildings .................. $ 576

Auxiliary Enterprises

Residence Halls Administration

Account Number 18-82-80-700

1. ————, 2828, Accountant II ................................ N $ 5,550
2. R. F. Hott, 2846, Purchasing Assistant III ................. N $ 2,370
   (Total Salary) ...................................................... (7,920)
3. Alice S. Hurt, 6161, Assistant to Director of Illini Union N 7,350
4. Nelle A. Bireline, 2840, Assistant to Manager of Residence Halls N 6,500
   (Perquisites University — room and board)
5. Nancy B. Bishop, 2836, Clerk II ................................ N 2,760
6. Rochelle I. Farrey, 2837, Clerk II .......................... N 2,940
7. Evelyn M. Grein, 2838, Clerk II ............................. N 2,940
8. C. Pearl Johnson, 2832, Clerk II ............................. N 2,640
9. Mary C. Keith, 2833, Clerk II ................................ N 2,640
10. Anna Lee J. Smith, 2835, Clerk II .......................... N 2,760
11. Mark F. Howell, 2828, Clerk III ............................. N 4,200
12. Florence L. Kidder, 2843, Clerk III ........................ N 3,510
13. Harriett M. Mansfield, 5559, Clerk III ........................ N 3,360
14. M. Althea Stockwell, 2830, Clerk III ........................ N 3,720
15. Wanda M. Whitton, 7687, Clerk III .......................... N 3,480
16. Charlotte Wiesinger, 2845, Clerk III ........................ N 3,540
17. Donald J. Alberts, 5207, Chief Clerk ...................... N 6,500
18. Robert W. Barger, 5558, Chief Clerk ....................... N 6,100
19. S. K. Brownfield, 2848, Chief Clerk ...................... N 6,120
20. Ann Allen, 2829, Payroll Clerk III ........................ N 5,400
21. Leah M. Revell, 2842, Residence Halls Clerk .............. N 2,400
22. M. Lucille Williams, 2853, Residence Halls Clerk ........ N 3,300
23. ————, 2848, Residence Halls Clerk ......................... N 2,580
24. ————, 2858, Residence Halls Clerk ......................... N 2,520
25. ————, 2859, Residence Halls Clerk ......................... N 2,400
26. Erna A. Schlueter, 7776, Typing Clerk II .................. N 2,520
27. Leda R. Evert, 2851, Clerk-Stenographer II ............... N 2,820
28. Ann M. Schmucky, 2839, Clerk-Stenographer III ........... N 3,480
29. ————, 2831, Clerk-Stenographer III ........................ N 3,360
30. Mildred E. Gones, 7664, Clerk-Typist II ................... N 2,880
31. Barbara N. Sokolowski, 6750, Clerk-Typist II ............. N 3,360
32. Erma J. Waight, 2869, Clerk-Typist III ........................ N 3,180
33. Van C. Norman, 2826, Assistant Director of Housing for Maintenance and Construction .......... N 10,200
34. Otto E. Unger, 2841, Assistant Director of Housing for Residence Halls Food Service .............. N 10,200
35. L. L. James, 2844, Housing Maintenance Inspector .......... N 5,380
36. Warren D. Moore, 7447, Housing Maintenance Inspector .... N 5,670
37. D. N. Reynolds, 2843, Housing Maintenance Inspector .... N 5,700
38. David B. Stayton, 2872, Housing Maintenance Inspector ... N 5,160
39. William P. Myers, 7725, Assistant Food Service Manager ... N 8,400
40. Robert H. Suter, 7644, Housing Business Manager .......... N 8,700
41. Carroll J. Hubble, 7123, Manager of Housing Operations Office ........................................ N 8,200
   (Perquisites University — one meal)
42. J. D. Barnes, 7672, Manager of Temporary Family Housing ........................................ N 8,300
43. Ethel W. Grover, 7199, Secretary (Stenographic) ........... N 5,040
44. Robert C. Foner, 2812, Housing Maintenance Supervisor ...... N 7,050
45. Eugene W. Goldie, 2871, Housing Maintenance Supervisor ..... N 8,810

Total, Residence Halls Administration .......................... $214,090
### Temporary Family Housing

Account Number 18-82-80-748

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Account Number</th>
<th>Salary</th>
</tr>
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<tbody>
<tr>
<td>Joan M. Moran</td>
<td>Clerk II</td>
<td>ZN71</td>
<td>$1,800</td>
</tr>
<tr>
<td>Dorothy A. Ward</td>
<td>Clerk II</td>
<td>ZN</td>
<td>$2,700</td>
</tr>
<tr>
<td>Joan C. Waters</td>
<td>Clerk-Typist</td>
<td>N</td>
<td>$2,700</td>
</tr>
<tr>
<td>Amos Motsinger</td>
<td>Fire Inspector</td>
<td>N</td>
<td>$4,350</td>
</tr>
<tr>
<td>Robert E. Beyers</td>
<td>Housing Maintenance Inspector</td>
<td>N</td>
<td>$4,410</td>
</tr>
<tr>
<td>Robert E. Fortney</td>
<td>Housing Maintenance Inspector</td>
<td>N</td>
<td>$4,920</td>
</tr>
<tr>
<td>Lawrence A. Phillips</td>
<td>Housing Maintenance Inspector</td>
<td>N</td>
<td>$4,350</td>
</tr>
<tr>
<td>Dorothy A. Wells</td>
<td>Housing Maintenance Inspector</td>
<td>N</td>
<td>$4,200</td>
</tr>
<tr>
<td>Cal W. Shull</td>
<td>Manager of Temporary Family Housing</td>
<td>N</td>
<td>$6,800</td>
</tr>
<tr>
<td>Sammy J. Rebecca</td>
<td>Assistant Manager of Temporary</td>
<td>N</td>
<td>$5,490</td>
</tr>
<tr>
<td>Francis W. Good</td>
<td>Housing Maintenance Supervisor</td>
<td>N</td>
<td>$5,940</td>
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</tbody>
</table>

**Total, Temporary Family Housing**

$47,660

### Trust — Busey-Evans Halls Operation

Account Number 48-82-80-735

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Account Number</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrie Coffman</td>
<td>Residence Halls Clerk</td>
<td>H</td>
<td>$3,060</td>
</tr>
<tr>
<td>Claude M. Harrell</td>
<td>Housing Maintenance Inspector</td>
<td>N</td>
<td>$4,680</td>
</tr>
<tr>
<td>Margaret A. Knight</td>
<td>Food Production Manager</td>
<td>N</td>
<td>$5,550</td>
</tr>
<tr>
<td>Maxine R. Godfrey</td>
<td>Assistant Food Production Manager</td>
<td>N</td>
<td>$4,320</td>
</tr>
</tbody>
</table>

**Total, Trust — Busey-Evans Halls Operation**

$17,610

### Trust — Allen Hall Operation

Account Number 48-82-80-736

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Account Number</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nadine M. Cook</td>
<td>Residence Halls Clerk</td>
<td>N</td>
<td>$2,400</td>
</tr>
<tr>
<td>Marliss J. Byard</td>
<td>Residence Halls Clerk</td>
<td>H</td>
<td>$2,400</td>
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</table>

**Total, Trust — Allen Hall Operation**

$4,800

### Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-737

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Emma Marshky</td>
<td>Residence Halls Clerk</td>
<td>H</td>
<td>$3,180</td>
</tr>
<tr>
<td>Ladyne K. Dendy</td>
<td>Food Production Manager</td>
<td>N</td>
<td>$6,400</td>
</tr>
<tr>
<td>Gloria S. Olson</td>
<td>Assistant Food Production Manager</td>
<td>N</td>
<td>$4,320</td>
</tr>
<tr>
<td>Patsy S. Knight</td>
<td>Food Service Supervisor</td>
<td>N</td>
<td>$4,080</td>
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</tbody>
</table>

**Total, Trust — Lincoln Avenue Residence Operation**

$22,180

### Trust — Men’s Residence Halls Operation

Account Number 48-82-80-739

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Account Number</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elizabeth D. Lambert</td>
<td>Food Production Manager</td>
<td>N</td>
<td>$6,400</td>
</tr>
<tr>
<td>Jean M. Paul</td>
<td>Assistant Food Production Manager</td>
<td>N</td>
<td>$4,890</td>
</tr>
<tr>
<td>Drusilla G. Witham</td>
<td>Assistant Food Production Manager</td>
<td>N</td>
<td>$4,380</td>
</tr>
<tr>
<td>Patsy S. Knight</td>
<td>Food Service Supervisor</td>
<td>N</td>
<td>$3,600</td>
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</tbody>
</table>

**Total, Trust — Men’s Residence Halls Operation**

$19,270
### Trust—First Street and Gregory Drive Residence Halls Operation

Account Number 48-82-80-742

1. Richard A. Jolley, 7794, Housing Maintenance Inspector N $ 4 530
   (Perquisites University — two meals)
2. Evelyn Whitson, 7552, Food Production Manager N 6 600
   (Perquisites University — two meals)
3. Frances L. Potter, 7628, Assistant Food Production Manager N 4 320
   (Perquisites University — two meals)
4. ——, 7524, Assistant Food Production Manager N 4 200
   (Perquisites University — two meals)
5. Sylvia E. Stoever, 7650, Food Service Supervisor H 4 050
   (Perquisites University — two meals)

Total, Trust—First Street and Gregory Drive Residence Halls Operation $23 700

### Illini Union—General Building

Account Number 18-82-90-710

1. Kermit M. Clark, 2694, Accountant II N $ 7 440
2. Clarence C. Leverenz, 7432, Assistant to Director of Illini Union N 7 000
3. C. C. Wertz, 2983, Assistant to Director of Illini Union ZN75 5 715
   (Total Salary) (7 020)
   (Perquisites Employee — one meal) (8)
4. Elizabeth Hunter, 5594, Assistant to Social Director N 5 070
5. Gretchen M. Myers, 2041, Assistant to Social Director N 5 130
6. Pauline M. Pointer, 7707, Clerk I N 2 700
7. Mary K. Quinlan, 2712, Clerk II N 3 110
8. Loretta J. Pilgrim, 2685, Clerk III N 4 200
9. Susanne Sinnamon, 6388, Payroll Clerk III N 3 930
10. ————, 7616, Typing Clerk II N 2 400
11. Frances M. Cacioppo, 2702, Clerk-Stenographer II N 2 850
12. Virginia L. Huff, 2705, Clerk-Stenographer II N 3 240
13. Carolyn A. Cabalek, 2999, Clerk-Typist III N 3 300
14. A. E. Sawyer, 2688, Chief Building Operating Engineer N 9 440
15. Patricia G. Wilborn, 2708, Bookkeeping Machine Operator I N 2 850
16. Mary Jane Fisher, 2701, Bookkeeping Machine Operator II N 3 830
17. Ellyn J. Gillogly, 5512, Duplicating Machine Operator I N 3 060
18. Robert L. McNabb, 5424, Night Supervisor of Illini Union N 6 000
   (Perquisites University — one meal)

Total, Illini Union—General Building $81 275

### Illini Union—Food Service

Account Number 18-82-90-720

1. R. F. Hott, 0278, Purchasing Assistant II ZN30 $ 2 370
   (Total Salary) (7 920)
2. Helen M. England, 2725, Clerk II N 3 180
   (Perquisites University — one meal)
3. Margaret J. Denhart, 6097, Clerk III N 3 000
   (Perquisites University — one meal)
4. Annette K. Nielsen, 2724, Clerk III N 4 050
   (Perquisites University — one meal)
5. ————, 5355, Dining Room Hostess N 2 520
   (Perquisites University — two meals)
6. Evelyn M. Long, 2719, Food Production Manager N 6 630
   (Perquisites University — two meals)
7. Catherine E. Richards, 5861, Food Production Manager N 6 540
   (Perquisites University — two meals)
8. Wayne H. Shroyer, 7588, Food Production Manager N 6 240
9. Marilyn J. Benjamin, 6831, Assistant Food Production Manager N 4 200
   (Perquisites University — two meals)
10. Naomi J. Bowen, 2720, Assistant Food Production Manager
   .......................................................... N 5730
   (Perquisites University — two meals)
11. Florence A. Forsyth, 2722, Assistant Food Production Manager
   .......................................................... N 4680
   (Perquisites University — two meals)
12. Mary E. Peterson, 5310, Assistant Food Production Manager
   .......................................................... N 4800
   (Perquisites University — one meal)
13. Marjorie S. Arkwright, 2714, Food Service Manager
   .......................................................... N 1070
   (Perquisites University — two meals)
14. ————, 5664, Catering Supervisor
   .......................................................... N 5490
   (Perquisites University — two meals)
15. Helen J. Johnson, 5622, Colonial Room Supervisor
   .......................................................... N 5220
   (Perquisites University — two meals)
16. Dorothy R. Rhodes, 6160, Food Service Supervisor
   .......................................................... N 4020
   (Perquisites University — two meals)

Total, Illini Union — Food Service

<table>
<thead>
<tr>
<th>Name</th>
<th>Account Number</th>
<th>Position</th>
<th>Salary</th>
</tr>
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<tbody>
<tr>
<td>Illini Union — Billiards</td>
<td>18-82-90-730</td>
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<tr>
<td>Bert N. Lippincott</td>
<td>2735</td>
<td>Bowling Alley</td>
<td>ZN25 $1,500</td>
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<td>Total Illini Union — Billiards</td>
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<td>ZN75 $4,500</td>
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<tr>
<td>Illini Union — Bowling Alleys</td>
<td>18-82-90-740</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bert N. Lippincott</td>
<td>2735</td>
<td>Bowling Alley</td>
<td>ZN25 $1,500</td>
</tr>
<tr>
<td>Total Illini Union — Bowling Alleys</td>
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<td>ZN75 $4,500</td>
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<tr>
<td>Illini Union — Bookstore</td>
<td>18-82-90-770</td>
<td></td>
<td></td>
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<tr>
<td>Deanna J. Alexander</td>
<td>5102</td>
<td>Clerk</td>
<td>ZN25 $2,400</td>
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<tr>
<td>Total Illini Union — Bookstore</td>
<td></td>
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<td>ZN75 $1,950</td>
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</table>

CHICAGO PROFESSIONAL COLLEGES
ADMINISTRATION AND GENERAL
Vice-President’s Office

<table>
<thead>
<tr>
<th>Name</th>
<th>Account Number</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sophia M. Hyland</td>
<td>3230</td>
<td>Clerk Stenographer</td>
<td>ZN25 $4,800</td>
</tr>
<tr>
<td>Margaret C. Clancy</td>
<td>3220</td>
<td>Administrative Secretary (Stenographic)</td>
<td>ZN25 $7,800</td>
</tr>
<tr>
<td>Total Vice-President’s Office</td>
<td></td>
<td></td>
<td>ZN25 $12,600</td>
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Health Service

<table>
<thead>
<tr>
<th>Name</th>
<th>Account Number</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Nancy Serpico</td>
<td>6640</td>
<td>Clerk</td>
<td>ZN25 $3,600</td>
</tr>
<tr>
<td>Irma H. Collins</td>
<td>3234</td>
<td>Clerk-Typist</td>
<td>ZN25 $3,750</td>
</tr>
<tr>
<td>Elsie V. Johnson</td>
<td>3232</td>
<td>Head Nurse</td>
<td>ZN25 $4,392</td>
</tr>
<tr>
<td>Total Health Service</td>
<td></td>
<td></td>
<td>ZN25 $16,812</td>
</tr>
</tbody>
</table>

Perquisites Employee — two meals and room; University — one meal

(Perquisites Employee — two meals and room; University — one meal)
### Animal Hospital

Account Number 05-06-17

<table>
<thead>
<tr>
<th>Employee</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>G. O. Dodd</td>
<td>Head Animal Caretaker</td>
<td>$5,400</td>
</tr>
<tr>
<td>Herschel W. Jones</td>
<td>Head Animal Caretaker</td>
<td>$5,400</td>
</tr>
<tr>
<td>Rose L. Walsh</td>
<td>Chief Clerk</td>
<td>$3,340</td>
</tr>
<tr>
<td>A. L. Hesse</td>
<td>Chief Supervisor of Animal Hospital</td>
<td>$7,500</td>
</tr>
<tr>
<td>Reva M. Kemp</td>
<td>Histology Technologist</td>
<td>$4,824</td>
</tr>
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**Total, Animal Hospital**

$27,504

### ANIMAL HOSPITAL SERVICE

Account Number 15-10-09

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<tr>
<th>Employee</th>
<th>Position</th>
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<tbody>
<tr>
<td>Murphy R. Cooper</td>
<td>Accountant I</td>
<td>$4,680</td>
</tr>
<tr>
<td>Nancy B. Rymkey</td>
<td>Typing Clerk III</td>
<td>$3,600</td>
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**Total, Animal Hospital Service**

$8,280

### Illustration Studios

Account Number 05-06-39

<table>
<thead>
<tr>
<th>Employee</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dagmar Bankowski</td>
<td>Clerk-Typist III</td>
<td>$3,810</td>
</tr>
<tr>
<td>Robert C. Kostro</td>
<td>Assistant Photographer</td>
<td>$3,750</td>
</tr>
<tr>
<td>Evelyn M. Robbins</td>
<td>Assistant Photographer</td>
<td>$4,740</td>
</tr>
<tr>
<td>Frank J. Marek</td>
<td>Clinical Photographer</td>
<td>$5,700</td>
</tr>
<tr>
<td>Frederick Sharp</td>
<td>Clinical Photographer</td>
<td>$8,300</td>
</tr>
<tr>
<td>Lawrence Toriello</td>
<td>Clinical Photographer</td>
<td>$8,300</td>
</tr>
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</table>

**Total, Illustration Studios**

$34,660

### Business Office

Account Number 05-06-18

<table>
<thead>
<tr>
<th>Employee</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joan Hruby</td>
<td>Clerk-Stenographer III</td>
<td>$4,800</td>
</tr>
<tr>
<td>Janice E. Hoekstra</td>
<td>Clerk-Typist II</td>
<td>$3,720</td>
</tr>
<tr>
<td>W. E. Cowart</td>
<td>Assistant Business Manager</td>
<td>$12,000</td>
</tr>
<tr>
<td>Joyce E. Olson</td>
<td>Secretary (Stenographic)</td>
<td>$5,700</td>
</tr>
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</table>

**Total, Business Manager's Office**

$26,220

### Accounting Division

Account Number 05-06-19

<table>
<thead>
<tr>
<th>Employee</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Juhasz</td>
<td>Accountant I</td>
<td>$5,040</td>
</tr>
<tr>
<td>Arlene Nienhuis</td>
<td>Accountant I</td>
<td>$5,220</td>
</tr>
<tr>
<td>C. J. Nowakowski</td>
<td>Accountant II</td>
<td>$7,500</td>
</tr>
<tr>
<td>Arthur Catrambone</td>
<td>Accountant III</td>
<td>$9,000</td>
</tr>
<tr>
<td>Harold O. Albers</td>
<td>Division Chief Accountant</td>
<td>$11,700</td>
</tr>
<tr>
<td>Julia D. Lockwood</td>
<td>Clerk-Stenographer III</td>
<td>$4,500</td>
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**Total, Accounting Division**

$41,025

### Collections Division

Account Number 05-06-20

<table>
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<tr>
<th>Employee</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marian A. Curtis</td>
<td>Cashier II</td>
<td>$3,600</td>
</tr>
<tr>
<td>Lucille Weiler</td>
<td>Cashier II</td>
<td>$3,000</td>
</tr>
<tr>
<td>Dolores F. Keating</td>
<td>Cashier III</td>
<td>$6,210</td>
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<tr>
<td>7160, Clerk-Typist II</td>
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<td>$3,300</td>
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**Total, Collections Division**

$16,710

### Payroll Division

Account Number 05-06-21

<table>
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<th>Employee</th>
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<tr>
<td>Ernestine Lathrop</td>
<td>Payroll Clerk II</td>
<td>$3,720</td>
</tr>
<tr>
<td>Mary T. Sheehan</td>
<td>Payroll Clerk II</td>
<td>$3,900</td>
</tr>
<tr>
<td>Beverly T. Lehmann</td>
<td>Payroll Clerk III, Level I</td>
<td>$4,920</td>
</tr>
<tr>
<td>Genevieve Cameron</td>
<td>Payroll Supervisor</td>
<td>$7,200</td>
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**Total, Payroll Division**

$19,800
Purchasing Division
Account Number 05-06-22

1. J. F. Knight, 3284, Purchasing Agent ...................... N  $13,000
   (Total Salary) ...............................................

2. Ward L. Walhay, 3285, Assistant Purchasing Agent .... ZN50 $ 4,770
   (Total Salary) ...............................................

3. Mary C. Horne, 3287, Purchasing Assistant II ........... N  7,050
   (Total Salary) ...............................................

4. Joseph P. Ramsay, 3290, Purchasing Assistant II ....... ZN65 $ 4,440
   (Total Salary) ...............................................

5. Stafford Kariotis, 3286, Purchasing Assistant III ... ZN50 $ 4,350
   (Total Salary) ...............................................

6. Andrew C. Collins, 7169, Receiving Clerk ............... N  3,660

7. James Jackson, 3294, Receiving Clerk ................... N  3,660

8. Evelyn B. Kortum, 3295, Clerk-Stenographer III ...... N  4,680

9. Agnes Maly, 3291, Secretary (Stenographic) ............ N  5,280

10. Joseph Arnold, 3288, Supervisor of Central Receiving Station .......... N $55,680

Total, Purchasing Division ...........................................

General Clerical
Account Number 05-06-24

1. Arthur Catrambone, 3265, Office Manager ............... ZN

2. J. C. Dolciamore, 3292, Clerk III .................... N $ 4,680

3. Anne S. Firszt, 3274, Clerk III ...................... N  4,020

4. Frances L. LaDuca, 5776, Clerk III ................. N  3,720

5. Tessie Twietmeyer, 5734, Clerk III ................. N  3,660

6. Mari A. Bartucci, 3269, Chief Clerk ................. N  5,160

7. Reva P. Winslow, 3266, Chief Clerk ................. N  5,220

8. Irene Dembicki, 3207, Typing Clerk II ............ N  3,300

9. Marlene M. Ruffolo, 3298, Typing Clerk II ...... N  3,720

10. Alice L. Steger, 3301, Typing Clerk II .......... N  3,900

11. Dorothy Dienerich, 3275, Clerk-Typist II ........... N  3,660

12. Mary Lichtenwalter, 3300, Clerk-Typist II ....... N  3,600

13. Arlene P. Longo, 3273, Clerk-Typist II ............ N  3,020


15. Elaine M. Syracuse, 3304, Clerk-Typist II ....... N  3,300

16. Margaret Ventrella, 3206, Clerk-Typist II ...... N  3,600

17. Mary C. Kreidler, 3322, Clerk-Typist III .......... N  3,900

18. Elizabeth O. Yore, 3271, Clerk-Typist III ....... N  3,900

19. Harriet B. Lynch, 3286, Inventory Supervisor ...... N  5,220

Total, General Clerical ...........................................

$75,480

General Stores
Account Number 15-05-15

1. Ward L. Walhay, 3285, Assistant Purchasing Agent ...... ZN20 $ 1,920
   (Total Salary) ...............................................

2. Fred A. Howe, 3311, Supply Attendant ................ ZN $ 4,248

3. Elvie McClinton, 3310, Supply Attendant .............. N  4,428

4. Curtis Walton, 3312, Supply Attendant ................ N  3,396

5. Marie Herman, 3313, Stores Clerk .................... N  4,280

6. Harry W. Phillips, 3309, Stores Supervisor .......... N  6,396

Total, General Stores ...........................................

$25,182

Student Supply Storeroom
Account Number 15-05-35

1. Ward L. Walhay, 3285, Assistant Purchasing Agent ...... ZN30 $ 3,270
   (Total Salary) ...............................................

2. Joseph P. Ramsay, 3290, Purchasing Assistant II .... ZN35 $ 2,610
   (Total Salary) ...............................................

3. Stafford Kariotis, 3286, Purchasing Assistant III ... ZN25 $ 2,580
   (Total Salary) ...............................................

4. William C. Godin, 3306, Supply Attendant ............ N  4,428

Total, Student Supply Storeroom ..............................

$27,562
5. Katia J. Vasseur, 3308, Clerk III ........................ N 3 600
6. Estelle Mulatero, 3307, Stores Clerk ...................... N 4 020
7. B. F. Dungan, 3305, Manager of Student Supply Store . N 8 220

Total, Student Supply Storeroom .............................. $28 728

Tabulating Service

Account Number 15-19-43
1. Mary A. Morrison, 3319, Card Punch Operator I ........ N $ 3 780
2. Eileen E. Mulhall, 3310, Card Punch Operator II .... N 4 200
3. Katheryn Flynn, 3318, Card Punch Operator III .... N 5 160
5. William G. Lipner, 7065, Tabulating Machine Operator II N 3 560
6. Ottie P. Carter, 3316, Tabulating Machine Supervisor N 10 600
7. Steve E. Adamczyk, 3317, Assistant Tabulating Machine Supervisor .......................... N 6 600

Total, Tabulating Service ...................................... $37 420

Trust — Indirect Costs — Business Office

Account Number 56-06-03
1. C. J. Nowakowski, 3264, Accountant II .................. ZN35 $ 2 235
      (Total Salary) ........................................ (7 500)
2. Adeline Kocohowski, 3276, Chief Clerk .................. N 4 620
3. Betty Babiar, 3303, Typing Clerk I1 .................... N 3 540
4. Lyle E. Dravus, 3332, Typing Clerk III ............... N 3 420
5. Clerk-Typist III ........................................ N 3 900

Total, Trust — Indirect Costs — Business Office ......... $18 495

Auditing

Account Number 05-06-23
1. Wilbert Gordon, 3326, Accountant II ................... ZN84 $ 6 480
      (Total Salary) ........................................ (7 800)
2. Frederick J. Ray, 3325, Accountant II .................. N 6 200
3. Carlton Merrifield, 3324, Assistant Auditor .......... N 9 200
4. Mary Jo Stovall, 3327, Clerk-Typist III ............... N 4 350

Total, Auditing .............................................. $26 230

Trust — Indirect Costs — Auditing

Account Number 56-06-04
1. Wilbert Gordon, 3326, Accountant II ................... ZN16 $ 1 320

Total, Trust — Indirect Costs — Auditing .................. $ 1 320

Admissions and Records

Account Number 05-06-25
1. Timothy J. Loftus, 3333, Men's Locker Room Attendant ZN50 $ 2 200
      (Total Salary) ........................................ (4 400)
2. Lucile Nedwick, 3329, Chief Clerk ..................... N 4 800
3. Lyles E. Dravus, 3332, Typing Clerk III ............... N 3 720
4. Ann Feryanchik, 3331, Typing Clerk III ............... N 3 660
5. Helen E. Wyle, 3330, Clerk-Stenographer III .......... N 5 310
6. Velma M. Davis, 3328, Examiner and Recorder ....... N 7 800

Total, Admissions and Records ............................... $27 490

Nonacademic Personnel

Account Number 05-06-30
1. Mae Slappey, 0311, Personnel Assistant II ............ N $ 4 440
2. Noreen A. Loan, 3341, Personnel Assistant III ...... N 6 240
3. Loretta Ward, 3337, Clerk III ......................... N 3 990
4. Mary F. Pacer, 3342, Typing Clerk III ............... N 4 200
5. Vera M. Shoervlin, 3339, Clerk-Stenographer III ... N 4 680
6. Marion E. Erickson, 3340, Clerk-Typist III .......... N 4 320
7. Rose Mary Streeck, 3334, Visiting Nurse .............. ZN60 $ 3 660
      (Total Salary) ........................................ (5 100)
894

BOARD OF TRUSTEES

8. George H. Adams, 7368, Personnel Officer ............... N 8 640
9. Gertrude Meiers, 3335, Personnel Officer ............... N 8 340
10. Maurice S. Cohen, 5488, Placement Officer ........... N 5 760
11. Harry R. Murphy, 3336, Placement Officer ........... N 6 000

Total, Nonacademic Personnel ........................................ $89 670

Stenographic Service
Account Number 15-10-39
1. Emma Taylor, 7229, Duplicating Machine Operator I .... N $ 3 120
2. Dolores C. Frank, 3343, Duplicating Machine Operator III N 4 140

Total, Stenographic Service ........................................ $ 7 260

Indirect Costs — Nonacademic Personnel
Account Number 56-06-02
1. Marian V. Allen, 7681, Clerk-Stenographer III ........ N $ 4 440
2. ————, 5735, Clerk-Typist III ......................... N 3 780

Total, Indirect Costs — Nonacademic Personnel .............. $ 8 220

Student Affairs
Account Number 05-06-32
1. ————, 3344, Clerk-Stenographer III ................ N $ 4 800
2. ————, 6809, Clerk-Stenographer III ................ N 4 200
3. Mary L. Wolf, 3345, Clerk-Typist III ................ N 3 720
4. Carolyn H. Gerdes, 7440, Secretary (Stenographic) .... N 4 920

Total, Student Affairs ................................................ $17 640

Public Information
Account Number 05-06-35
1. Janice M. Kampe, 7100, Clerk-Stenographer III ....... N $ 4 440
2. Wayne E. Conery, 6607, Assistant Manager of Public Information ........................................ N 5 790

Total, Public Information ............................................ $10 230

COLLEGE OF MEDICINE

Administration
Account Number 05-12-03
1. Timothy J. Loftus, 3333, Men's Locker Room Attendant ZN $ 2 200
(Total Salary) ..................................................... (4 400)
2. Marcia E. Smith, 3352, Clerk-Stenographer III .......... N 4 770
3. ————, 3353, Clerk-Stenographer III ................... N 4 680
4. Violet Gabriel, 3349, Clerk-Typist III ................ N 4 050
5. Catharine E. Dolan, 3348, Administrative Secretary (Stenographic) ............. N $ 7 800

Total, Administration .............................................. $23 500

Anatomy
Account Number 05-12-18
1. Arlene Schmolinske, 6446, Laboratory Assistant III .... N $ 3 972
2. ————, 6040, Clerk-Typist III ........................... N 3 720
3. Frank Gariffo, 7498, Anatomy Curator ........................ N 4 200
4. George H. Miller, 3356, Patho-Technologist ............. N 5 586
5. Dorothy I. Duncan, 3359, Secretary (Stenographic) .... N 6 300
6. Lucille M. Shepherd, 3357, Histology Technologist ...... N 4 596

Total, Anatomy ......................................................... $28 368

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE R G 472
Account Number 55-16-70
1. Cecil J. Reynolds, 7653, Clinical Photographer .......... N $ 6 000
<table>
<thead>
<tr>
<th>Account Number 55-16-95</th>
<th>Trust — U.S. Army MD 794</th>
</tr>
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<tbody>
<tr>
<td>1. Billy Carroll, 7684, Animal Caretaker</td>
<td>N</td>
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<tr>
<td>2. James E. Richmond, 7667, Animal Caretaker</td>
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<td><strong>Total, Trust — U.S. Army MD 794</strong></td>
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<table>
<thead>
<tr>
<th>Account Number 05-12-27</th>
<th>Biological Chemistry</th>
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<tbody>
<tr>
<td>1. Marcella Sayers, 3372, Laboratory Assistant I</td>
<td>N</td>
</tr>
<tr>
<td>2. Wyndolyn H. Jenkins, 3373, Laboratory Assistant II</td>
<td>N</td>
</tr>
<tr>
<td>3.</td>
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<tr>
<td>4. David Marie Powers, 3374, Clerk-Stenographer III</td>
<td>N</td>
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<tr>
<td>5. Anne L. Megley, 5185, Secretary (Stenographic)</td>
<td>N</td>
</tr>
<tr>
<td>6. Wendell P. Peete, 7661, Storekeeper</td>
<td>N</td>
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<td><strong>Total, Biological Chemistry</strong></td>
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<thead>
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<th>Account Number 50-12-50</th>
<th>Cooperative Investigations</th>
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<tbody>
<tr>
<td>1. Bobby H. Biggers, 6564, Medical Technologist I</td>
<td>N</td>
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<tr>
<td><strong>Total, Cooperative Investigations</strong></td>
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<thead>
<tr>
<th>Account Number 55-21-11</th>
<th>Trust — U.S. Public Service Health Service A 1543</th>
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<tbody>
<tr>
<td>1. Funso O. Olubajo, 6550, Biochemistry Technologist</td>
<td>N</td>
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<thead>
<tr>
<th>Account Number 55-21-25</th>
<th>Trust — U.S. National Science Foundation 6454</th>
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<tbody>
<tr>
<td>1. Elizabeth D. Dawes, 7699, Biochemistry Technologist</td>
<td>N</td>
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<table>
<thead>
<tr>
<th>Account Number 55-21-31</th>
<th>Trust — U.S. Public Health Service E 2813</th>
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<tbody>
<tr>
<td>1. Mary J. Firszt, 6981, Biochemistry Technologist</td>
<td>N</td>
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<tr>
<th>Account Number 55-21-40</th>
<th>Trust — U.S. Army MD 562</th>
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<tbody>
<tr>
<td>1. Gerald E. Walsh, 7686, Biochemistry Technologist</td>
<td>N</td>
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<thead>
<tr>
<th>Account Number 55-21-42</th>
<th>Trust — U.S. Public Health Service RG 5672</th>
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<tbody>
<tr>
<td>1. Habib Rejal, 7768, Biochemistry Technologist</td>
<td>N</td>
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<tr>
<th>Account Number 55-21-70</th>
<th>Trust — U.S. Public Health Service E 1514 C</th>
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<tbody>
<tr>
<td>1. Pearl Hillman, 6919, Laboratory Assistant I</td>
<td>N</td>
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<tr>
<th>Account Number 55-35-78</th>
<th>Trust — U.S. Public Health Service 2347 C3</th>
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<tbody>
<tr>
<td>1. Myrtle Thornton, 7462, Medical Technologist I</td>
<td>N</td>
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<thead>
<tr>
<th>Account Number 05-12-30</th>
<th>Clinical Science</th>
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<tr>
<td>1. Elizabeth L. Faler, 3377, Chief Clerk</td>
<td>N</td>
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<tr>
<th>Account Number 50-15-41</th>
<th>Cooperative Investigations</th>
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<tbody>
<tr>
<td>1. Eve R. Feivish, 6485, Laboratory Assistant I</td>
<td>N</td>
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<thead>
<tr>
<th>Account Number 05-12-36</th>
<th>Dermatology</th>
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<tbody>
<tr>
<td>1. Judith A. Fox, 6635, Laboratory Assistant III</td>
<td>N</td>
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<tr>
<td>2. Verne B. Perryman, 3393, Secretary (Stenographic)</td>
<td>N</td>
</tr>
<tr>
<td>3. Vanda Zolynas, 3392, Histology Technologist</td>
<td>N</td>
</tr>
<tr>
<td><strong>Total, Dermatology</strong></td>
<td></td>
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Medical Social Work

Account Number 05-12-41
1. Bertha M. Evans, 3676, Clerk III ................................ N $ 3,990
2. Josephine Hickey, 3677, Clerk-Stenographer III .............. N 4,110
3. Myrtle H. Parkman, 3675, Clerk-Stenographer III ................ N 4,080
4. Lauretta Willborn, 3545, Clerk-Stenographer III .............. N 4,200
5. Lillie A. Brewton, 4501, Clerk-Typist III ..................... N 3,780
6. Helen Strano, 3674, Secretary (Stenographic) ................. N 5,040

Total, Medical Social Work ............................................. $25,290

Medicine

Account Number 05-12-42
1. Bertha Mae Heady, 3411, Laboratory Assistant I .......... N $ 2,964
2. Irena Gajdel, 6883, Laboratory Assistant II ................. ZN80 2,500
(Total Salary) ......................................................... (4,464)
3. Edward L. Eckert, 6474, Equipment Attendant ............... N 4,416
4. __________________, 3415, Clerk-Stenographer II .......... N 3,600
5. __________________, Clerk-Stenographer II .................. N 3,600
6. Roberta D. Nelson, 7230, Clerk-Stenographer III .......... ZN50 2,040
(Total Salary) ......................................................... (4,080)
7. Beatrice Parker, 3414, Clerk-Stenographer III ............... N 4,320
8. Gloria B. Phillips, 3413, Clerk-Stenographer III ............ N 4,020
9. __________________, 3416, Clerk-Stenographer III ........... N 2,040
10. Tess Dykstra, 3412, Clerk-Typist III ......................... N 3,750
11. Sandra S. Swengel, 5268, Clerk-Typist III ................... N 4,350
12. Bennie F. Booker, 5317, Patho-Technologist ................. ZN86 3,767
(Total Salary) ......................................................... (4,386)
13. Peggy A. Gist, 7525, Patho-Technologist .................... N 4,386
14. Doris Nielsen, 3406, Secretary (Stenographic) .......... N 4,386
15. Elva B. Allen, 5742, Electrocardiographic Technician I ... N 4,080
16. Kinsako Saikami, 5814, Electrocardiographic Technician II N 4,470
17. Joan R. Abern, 5316, Biochemistry Technologist ............. N 4,596
18. Frances D. Engram, 7010, Medical Technologist I .......... N 3,600

Total, Medicine .......................................................... $65,793

Cooperative Investigations

TRUST — ALLERGY ANTIGENS
Account Number 50-24-03
1. Bennie F. Booker, 5317, Patho-Technologist .................. ZN14 $ 613

TRUST — PULMONARY FUNCTION
Account Number 50-24-35
1. Loretta Bates, 7574, Laboratory Assistant I ................ N $ 2,808

TRUST — ARTHRITIS AND RHEUMATISM FOUNDATION
Account Number 50-24-67
1. Barbara A. Dedrick, 7333, Medical Technologist I ........... N $ 3,600

TRUST — G. D. SEARLE AND COMPANY
Account Number 50-24-68
1. Jane H. Synek, 7000, Medical Technologist I ................. ZN67 $ 2,988
(Total Salary) ......................................................... (4,488)

TRUST — U.S. PUBLIC HEALTH SERVICE HT 300 C8
Account Number 55-15-24
1. Irena Gajdel, 6883, Laboratory Assistant II ................ ZN20 $ 620

TRUST — U.S. PUBLIC HEALTH SERVICE H2253
Account Number 55-35-16
1. Keith A. Robinson, 6067, Laboratory Assistant I ............ N $ 3,204

TRUST — U.S. PUBLIC HEALTH SERVICE E1690
Account Number 55-35-16
1. Peggy L. Lee, 6109, Laboratory Assistant I ................ N $ 3,012
2. Carell Hutchinson, 5638, Laboratory Assistant III ......... N 3,684

Total, Trust — U.S. Public Health Service E1690 ............. $ 6,696
### Microbiology

<table>
<thead>
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<th>Name</th>
<th>Position</th>
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<td>05-12-44</td>
<td>Mary Aldridge, 3368</td>
<td>Laboratory Assistant I</td>
<td>N</td>
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<td>Sarah A. McDonald, 6058</td>
<td>Laboratory Assistant I</td>
<td>N</td>
<td>$2,760</td>
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<td>Calvin U. Teliver, 3365</td>
<td>Laboratory Assistant I</td>
<td>N</td>
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<td>Vladas Literskis, 5776</td>
<td>Laboratory Assistant II</td>
<td>N</td>
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<td>Lula M. Neal, 3366</td>
<td>Laboratory Assistant II</td>
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<td>$3,180</td>
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<td>Susan L. Jusko, 3367</td>
<td>Laboratory Assistant III</td>
<td>N</td>
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<td>Stanley G. Moore, 6054</td>
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<td>Dorothy M. Walker, 7102</td>
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**Total, Microbiology**

$34,154

### Neurology and Neurological Surgery

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<td>05-12-45</td>
<td>Marie Woolfolk, 3439</td>
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<td>Fumiko Koketsu, 3449</td>
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<td>Beatrice K. Meyers, 6035</td>
<td>Laboratory Program Administrative Assistant</td>
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<td>Alyce E. Oxford, 3433</td>
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<td>Marjorie Mason, 3437</td>
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<td>Kate Spraggins, 6196</td>
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<td>Dorothy M. Baker, 3432</td>
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<td>N</td>
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<td>Jacqueline Strauss, 3436</td>
<td>Secretary (Stenographic)</td>
<td>N</td>
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<td>Jean C. Duff, 5699</td>
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<td>N</td>
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<td>Ann T. Greboski, 6095</td>
<td>Supervising Electroencephalo-</td>
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<td>Roxy L. Pickering, 3428</td>
<td>Chief Medical X-ray Technician</td>
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**Total, Neurology and Neurological Surgery**

$60,324
### Epilepsy Clinic Revolving

Account Number 07-12-10

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<tr>
<td>Pauline Taylor</td>
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Total: $4,020

### Cooperative Investigations

**TRUST — CRIPPLED CHILDREN'S BUREAU**

Account Number 59-25-25

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<th>Name</th>
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<tbody>
<tr>
<td>Melinda Huesing</td>
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Total: $4,200

**TRUST — U.S. PUBLIC HEALTH SERVICE B1109C**

Account Number 55-40-21

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<tr>
<td>Harriette G. Andrews</td>
<td>Statistician I</td>
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### Obstetrics and Gynecology

Account Number 05-12-48

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<tr>
<td>Blanche M. Mayberry</td>
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<td>Esther H. Fiessel</td>
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<td>Harriette G. Andrews</td>
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Total: $13,830

### Occupational Therapy

Account Number 05-12-49

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<tr>
<td>Aubert J. Lemrise</td>
<td>Occupational Therapy Aide</td>
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<td>Juanita Wales</td>
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<td>Elizabeth C. Edelen</td>
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<td>Rita J. Toohy</td>
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### Ophthalmology

Account Number 05-12-51

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<tr>
<td>Huldah E. Johnson</td>
<td>Patho-Technologist</td>
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<td>Muriel C. Allardice</td>
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<td>Joan R. Dering</td>
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<td>Lydia K. Heinen</td>
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Total: $29,764

### Cooperative Investigations

**TRUST — U.S. PUBLIC HEALTH SERVICE 2B 5105**

Account Number 55-46-20

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<td>Dorothy Wheeles</td>
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<td>John C. Oberly</td>
<td>Clinical Photographer</td>
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Total: $10,188

### Orthopaedic Surgery

Account Number 05-12-54

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<td>Ollie L. Havard</td>
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<td>Alice C. Bartlett</td>
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<td>Neil E. White</td>
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<td>Jean E. Ihle</td>
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<td>Joseph S. Koziwicki</td>
<td>Assistant Photographer</td>
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<td>Ida Stephan</td>
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<tr>
<td>1. Agnes E. Schirka, 3473, Laboratory Assistant II</td>
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<td>2. Catherine Connery, 3476, Clerk-Stenographer III</td>
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<td>3. Marion Y. Johnson, 3477, Clerk-Stenographer III</td>
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<td>4. Maria E. Ikenberg, 3470, Clinical Photographer</td>
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<td>5. Marion B. Wickland, 3474, Secretary (Stenographic)</td>
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<td>6. Theresa R. Zumpano, 3475, Secretary (Stenographic)</td>
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<td>7. Maurit P. Kesnar, 3469, Electro-acoustic Technician</td>
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<td>8. Fannie Lee Billups, 3471, Histology Technologist</td>
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<td>9. Imogene Burns, 3472, Medical Technologist I</td>
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<td>2. Adolphus Goode, 3481, Laboratory Assistant III</td>
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<td>3. Kunigunda Silinis, 3482, Laboratory Assistant III</td>
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<td>4. Anna W. Farley 6492, Laboratory Program Administrative Assistant</td>
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<td>5. Cyril V. Gazarek, 3479, Patho-Technologist</td>
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<td>6. Mildred M. Goldfeller, 3484, Secretary (Stenographic)</td>
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<td>7. Thelma M. Sims, 3484, Secretary (Stenographic)</td>
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<td>8. Elena Sneigaitis, 3478, Histology Technologist</td>
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<th>Account Number 55-47-06</th>
<th>Trust — U.S. A968 — Tissue Changes — Pirani</th>
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<td>2. Kenneth P. Rottman, 6634, Medical Technologist I</td>
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<td>3. Kenneth T. Thompson, 6328, Medical Technologist I</td>
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<td>1. Alice Andersen, 3490, Secretary (Stenographic)</td>
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<td>1. Nathaniel Jackson, 3500, Laboratory Assistant III</td>
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<td>2. Dolores J. Shevlin, 3498, Clerk-Stenographer III</td>
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<td>3. Bert M. Gustafson, 3499, Instrument Maker</td>
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<td>4. Polly F. Cline, 3497, Secretary (Stenographic)</td>
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<td>5. Anita Tatome, 3501, Secretary (Stenographic)</td>
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<td>1. Dolores C. Anderson, 6916, Biochemistry Technologist</td>
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TRUST — INSOLUBLE PROTEINS
Account Number 50-45-75
1. V. E. Dermitzakis, 7660, Medical Technologist I ........ N $ 3 600

TRUST — U.S. PUBLIC HEALTH SERVICE H2354
Account Number 55-50-05
1. Estella Mason, 3504, Laboratory Assistant I ............ N $ 3 204

Physical Medicine and Rehabilitation
Account Number 05-12-72
1. Naomi McCutcheon, 3506, Secretary (Stenographic) .... N $ 5 190
2. Yvonne hf. Bell, 6755, Medical Technologist I ....... N 4 488
Total, Physical Medicine and Rehabilitation .................. $ 9 678

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE H2568
Account Number 55-52-05
1. Roscoe E. Mitchell, 6912, Medical Technologist I ...... N $ 4 668

Physiology
Account Number 05-12-75
1. John Firek, 3512, Laboratory Assistant II ............ N $ 3 948
2. Russell Speer, 3515, Laboratory Assistant II .......... N 4 272
3. Willie L. Campbell, 5060, Laboratory Assistant III ... N 4 176
4. Harry A. Henderson, 3516, Laboratory Assistant III ... N 4 068
5. Ruth E. James, 3514, Clerk-Typist II ................ N 3 810
7. Marcus A. Quarles, 3511, Patho-Technologist ......... N 4 704
8. Virginia J. Maier, 3513, Secretary (Stenographic) ... N 5 400
Total, Physiology ........................................ $37 128

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE 2766
Account Number 55-55-76
1. Natsu Ota, 7105, Biochemistry Technologist .......... N $ 4 380

TRUST — U.S. PUBLIC HEALTH SERVICE H3686
Account Number 55-55-85
1. Francine L. Griffin, 7659, Laboratory Assistant II ... N $ 3 120

Preventive Medicine
Account Number 05-12-78
1. Ophelia J. Berry, 3525, Secretary (Stenographic) .... N $ 4 620
Total, Preventive Medicine ............................... $ 4 620

Respiratory Center Revolving
Account Number 07-27-25
1. Lurleen M. Turner, 7290, Physical Therapy Aide ........ N $ 3 300
2. Eugene Davis, 6946, Junior Laboratory Mechanic .... N 3 500
Total, Respiratory Center Revolving ....................... $ 6 800

Cooperative Investigations
TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY FOLIO
Account Number 50-52-55
1. Berit G. Tilly, 7543, Laboratory Assistant III ......... N $ 4 668
2. Anne R. Silverman, 5777, Secretary (Stenographic) .... N 5 100
Total, Trust — National Foundation for Infantile Paral-
ysis — Respiratory Folio ................................. $14 568
TRUST — U.S. Public Health Service E 2613
Account Number 55-57-15
1. Cardella Price, 3526, Laboratory Assistant I .............. N $ 2,964
2. Erika A. Paustian, 6754, Laboratory Assistant II .......... N 3,504
Total, Trust — U.S. Public Health Service E 2613 .......... $ 6,468

Psychiatry
Account Number 05-12-81
1. Lucille Elliott, 3536, Laboratory Assistant I .............. N $ 3,348
2. Genevieve M. Lowden, 3534, Laboratory Assistant III .. N 3,972
3. Felicia J. Svoboda, 3532, Laboratory Assistant III .... N 3,972
4. Marcia I. Taylor, 3533, Laboratory Assistant III ...... N 3,780
5. Robert C. Helm, 3555, Animal Caretaker ................. N 3,906
6. Sylvia R. Erickson, 3543, Clerk-Stenographer III .... N 2,630
7. Lorraine F. McNeill, 3540, Clerk-Stenographer III ..... N 5,250
8. Rachel M. Maschio, 3547, Clerk-Typist II ............... N 3,480
9. Margaret O. Baigen, 3546, Clerk-Typist III .......... N 4,350
10. Doris Faulkner, 3541, Clerk-Typist III ................. N 3,930
11. Luella Head, 7281, Clerk-Typist III .................. N 3,780
13. Elaine R. Engstrom, 3538, Secretary (Stenographic) N 6,210
14. Charlotte S. Hart, 3542, Secretary (Stenographic) N 5,490
15. Luberta Shirley, 3539, Secretary (Stenographic) N 5,130
Total, Psychiatry ........................................ $65,808

Cooperative Investigations
TRUST — DEPARTMENT OF PUBLIC WELFARE — NEURON STUDY
Account Number 50-54-20
1. Annie Walker, 6021, Laboratory Assistant I .............. N $ 3,306
2. Norman A. Bartley, 7984, Clinical Photographer .......... N 6,790
3. Jackson E. Lucas, 7756, Histology Technologist .. N 4,488
Total, Trust — Department of Public Welfare — Neuron Study ........................................ $14,584

TRUST — DEPARTMENT OF PUBLIC WELFARE — PSYCHOSOMATIC DIFFERENTIATION IN INFANTS
Account Number 50-54-30
1. C. MacCandlish, 5582, Laboratory Assistant III ........ N $ 3,600
2. Johnnie L. Williams, 7164, Clerk-Typist II ............ N 3,750
Total, Trust — Department of Public Welfare — Psychosomatic Differentiation in Infants ............ $ 7,350

TRUST — DEPARTMENT OF PUBLIC WELFARE — PHENYLKETONURIA
Account Number 50-54-40
1. James A. Edwards, 5825, Laboratory Assistant I ...... N 75 $ 2,259
2. Betty Jean Dobbs, 7683, Laboratory Assistant III .... N 4,068
3. Aline I. Portner, 7727, Electroencephalographic Technician N 4,000
Total, Trust — Department of Public Welfare — Phenylketonuria ........................................ $10,327

TRUST — U.S. Public Health Service B413 C4
Account Number 55-56-14
1. Dolores Ling, 5450, Laboratory Assistant III .......... N $ 3,600
3. Jack T. Buettas, 6503, HistologyTechnologist ...... N 4,488
Total, Trust — U.S. Public Health Service B413 C4 .... $12,078

TRUST — U.S. Public Health Service B1650
Account Number 55-60-20
1. Yoko Kimura, 6415, Clerk-Typist III ................. N $ 3,900

TRUST — U.S. Public Health Service M637C3
Account Number 55-60-58
1. L. Elaine Dodd, 6880, Clerk-Stenographer III .... N $ 4,500
TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009
Account Number 55-60-85
1. Faye H. Weinstein, 6577, Clerk-Stenographer III ........ N 40 $ 1 860

Public Health

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE SA43 — POLIOMYELITIS
Account Number 55-61-10
1. Pauline Liddell, 6158, Laboratory Assistant I ........... N $ 2 964

Radiology
Account Number 05-12-84
1. Fingal Spongberg, 3561, Instrument Maker ............... N 6 930
2. Margaret W. Ritter, 3559, Secretary (Stenographic) .... N 5 880

Total, Radiology ........................................ $14 610

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE C3426
Account Number 55-62-05
1. Robert R. Newstead, 7576, Animal Caretaker .......... N $ 3 624

Surgery
Account Number 05-12-90
1. Sallie S. Graham, 3560, Clerk-Stenographer III ....... N $ 4 440
2. Doris J. Peterson, 6287, Clerk-Stenographer III ...... N 4 110
3. Ruth E. Scapino, 7365, Clerk-Stenographer III ....... N 4 170
4. Everett T. Hoppe, 3565, Patho-Technologist ........... N 5 448
5. Josephine Magista, 3567, Secretary (Stenographic) .... N 6 210
6. Annabel Wheeler, 3567, Secretary (Stenographic) ....... N 5 170

Total, Surgery ............................................. $29 826

Cooperative Investigations
TRUST — AMERICAN CANCER SOCIETY — TISSUE CULTURE
Account Number 50-57-04
1. Mamie O’Neal Wymbs, 7358, Laboratory Assistant I .. N $ 2 844

TRUST — UPJOHN COMPANY — STEROIDS
Account Number 50-57-23
1. Z. Buinevicius, 6403, Medical Technologist I ......... N $ 3 684

TRUST — U.S. PUBLIC HEALTH SERVICE H 2480C
Account Number 55-65-31
1. Regina Kazlauskas, 7420, Biochemistry Technologist .... N $ 4 380

TRUST — U.S. PUBLIC HEALTH SERVICE 3157
Account Number 55-65-45
1. Karl E. Heckendorf, 7011, Hematology Technologist .... N $ 4 380

TRUST — U.S. PUBLIC HEALTH SERVICE CY 3551
Account Number 55-65-55
1. Marija Petravicius, 7691, Laboratory Assistant II .... N $ 3 120

TRUST — U.S. PUBLIC HEALTH SERVICE CS 9594
Account Number 55-65-60
1. Marilyn Cohen, 7695, Laboratory Assistant II ........ N $ 3 240
2. Esther L. Chalfant, 7442, Histology Technologist ..... N 4 380
3. Marjorie M. Goodwin, 6955, Medical Technologist I .... N 3 684

Total, Trust — U.S. Public Health Service CS 9594 .... $11 304
## Administration

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<td>Madelynn J. Daly, Clerk-Stenographer III</td>
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<td>Margaret M. Lahey, Administrative Secretary (Stenographic)</td>
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<td>Daniel Lyons, Storekeeper</td>
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## Postgraduate Studies

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<td>Dorothy Greenhill, Secretary (Stenographic)</td>
<td>05-15-07</td>
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## Admitting Clinic

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<tbody>
<tr>
<td>Arlette Stepelton, Clerk III</td>
<td>05-15-10</td>
<td>$3,990</td>
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<tr>
<td>Carolyn Peterson, Chief Clerk</td>
<td>05-15-10</td>
<td>$5,790</td>
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<tr>
<td>Carol P. Wills, Clerk-Typist II</td>
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## Applied Materia Medica and Therapeutics

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<tr>
<td>Mae C. Faul, Dental Assistant</td>
<td>05-15-15</td>
<td>$4,260</td>
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<tr>
<td>Erica Y. Friederici, Laboratory Assistant III</td>
<td>05-15-15</td>
<td>$4,824</td>
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<tr>
<td>Gwendolyn Currin, Clerk III</td>
<td>05-15-15</td>
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<td>Frances C. Abraham, Secretary (Stenographic)</td>
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## Crowns and Fixed Partial Dentures

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<td>Dorothy M. Pillot, Dental Assistant</td>
<td>05-15-20</td>
<td>$4,230</td>
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<td>Georgia G. Catasca, Secretary (Stenographic)</td>
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## Dental Clinics

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<td>Ora Dee Grayson, Laboratory Assistant I</td>
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<td>Lilly N. Henry, Laboratory Assistant I</td>
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<td>Heloise L. Julian, Laboratory Assistant I</td>
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<td>Annie M. Tillman, Laboratory Assistant I</td>
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<td>Lucendia Williams, Laboratory Assistant I</td>
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<td>Frances L. Cathcart, Cashier II</td>
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<td>Betty Becola, Clerk III</td>
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<td>Gustav Swanson, Senior Laboratory Mechanic</td>
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<td>Frances M. McGinn, Storekeeper</td>
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## Full and Removable Partial Dentures

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<td>Esther M. Granata, Laboratory Assistant II</td>
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<td>Adrienne McNair, Laboratory Assistant III</td>
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<td>Lorraine LaFrance, Clerk-Typist II</td>
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<td>Adelaide R. Talbot, Secretary (Stenographic)</td>
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## Histology

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<td>Marion Thornton, Laboratory Assistant III</td>
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<td>Lillian Cunningham</td>
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<td>William M. Winn</td>
<td>Clinical Photographer</td>
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<td>Mary T. Jennings</td>
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<td>K. V. Katele</td>
<td>Histology Technologist</td>
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<td>Alfonso Flores</td>
<td>Laboratory Assistant III</td>
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<td>Judith A. Estes</td>
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<td>Bennie Smith</td>
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<td>Marie S. Holoubek</td>
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<td>Donna M. Heisner</td>
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<td>Alice C. Machen</td>
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<td>Marie V. Venture</td>
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<td>Aritea Karagianis</td>
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<td>Dona Wilcox</td>
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<td>Sylvia Correa</td>
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<td>Shelli C. Hamer</td>
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<td>Harold Markham</td>
<td>Photographer</td>
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<td>Bess H. Faust</td>
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<td>Eugenia S. Nocek</td>
<td>Secretary (Stenographic)</td>
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<td>Leonora P. Bueno</td>
<td>Laboratory Assistant III</td>
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<td>Ludmila V. Zmeskal</td>
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<td>Ludmilla Slessarew</td>
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<td>Esther E. Mocega</td>
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<td>Victor M. Santos</td>
<td>Assistant Photographer</td>
<td>6709</td>
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<td>Ludmila V. Zmeskal</td>
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Trust — U.S. Public Health Service 513
Account Number 55-80-35
1. Martha M. Cabrera, 3634, Laboratory Assistant II........ N $3,444

Trust — U.S. Public Health Service D785
Account Number 55-80-40
1. Margaret Jen, 7749, Laboratory Assistant I.............. N $2,760

Pedodontics
Account Number 05-15-88
1. Dorothy Cogwell, 3638, Dental Assistant.................. N $3,600
2. Verna S. Stueb, 3637, Dental Assistant.................. N 4,200
3. Pauline James, 7103, Clerk-Typist II..................... N 3,660
4. May G. Greenaway, 3635, Clinic Nurse................... N 5,730

Total, Pedodontics........................................... $17,190

Radiology
Account Number 05-15-90
1. Lois Williams, 3642, Clerk-Typist III..................... N $4,410
2. Annette Bl. Matula, 3641, Dental X-ray Technician I...... N 3,600
3. Micheline Pfieffer, 3643, Dental X-ray Technician I...... N 3,600
4. Alberta Christiano, 3640, Dental X-ray Technician II..... N 5,250
5. J. D. Hauptfuehrer, 6380, Chief Dental X-ray Technician.. ZN93 7,127

(Total Salary).............................................. (7,630)

Total, Radiology.............................................. $23,987

Cooperative Investigations
Trust — U.S. Public Health Service D360
Account Number 55-75-45
1. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician.. ZN7 $553

Trust — U.S. Public Health Service D360
Account Number 55-83-10
1. Julian Alvarez, 7237, Biochemistry Technologist......... N $4,944

College of Pharmacy
Administration
Account Number 05-18-05
2. Yolanda L. Pachorek, 3648, Clerk III..................... N 4,050
3. Emma E. Trojanek, 3646, Chief Clerk..................... N 4,800
4. Sally E. Jurinek, 3645, Secretary (Stenographic)....... N 4,830
5. Violet Klettka, 3647, Secretary (Stenographic).......... N 5,640

Total, Administration......................................... $22,716

Chemistry
Account Number 05-18-10
1. Sondra D. Lawson, 6004, Clerk-Stenographer III......... N $4,020
2. Jean S. Filip, 3650, Secretary (Stenographic).......... N 4,830
3. Andrew Burger, 3654, Storekeeper......................... N 4,872
4. Carl A. Voelker, 6019, Storekeeper....................... N 3,780
5. Clifton Williams, 3657, Storekeeper....................... N 3,852

Total, Chemistry.............................................. $21,354

Pharmacognosy and Pharmacology
Account Number 05-18-15
1. Bobbie J. Little, 6003, Clerk-Stenographer III.......... N $3,600
2. Dolores R. Pyzik, 3649, Clerk-Stenographer III.......... N 3,960
3. Henry F. Luethje, 3652, Farm Foreman.................... NS 4,350
4. Lee A. Sawyer, 3655, Storekeeper......................... N 4,416

Total, Pharmacognosy and Pharmacology....................... $22,176
Pharmacy

Account Number 05-18-20
1. Janis Zaube, 6616, Laboratory Assistant III. N $ 3,684
2. Charlotte E. Buck, 6605, Clerk-Stenographer III. N 4,350
3. C. G. LaChapelle, 3651, Clerk-Typist III. N 3,900
4. Theodore Mayer, 6617, Storekeeper N 3,924
Total, Pharmacy ........................................ $15,858

Stores — Hospital Pharmacy

Account Number 15-05-25
1. J. Stefanovich, 6722, Laboratory Assistant I. NS $ 3,292
2. Charlotte E. Buck, 6005, Clerk-Stenographer I. NS 3,996
3. Geraldine Gist, 3659, Clerk-Typist III. NS 4,590
4. Frank E. Gorski, 3660, Storekeeper NS 5,112
5. Samuel L. Gibbons, 5858, Manufacturing Pharmacy Technician NS 4,500
Total, Stores — Hospital Pharmacy .......................... $21,490

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28
1. John L. Battersby, 3662, Supply Attendant NS $ 3,996
Total, Stores — Illinois Eye and Ear Infirmary Pharmacy $ 3,996

GRADUATE COLLEGE

Administration

Account Number 05-10-05
1. Margaret M. Mayer, 3369, Secretary (Stenographic) N $ 5,760
Total, Administration ....................................... $ 5,760

Indirect Costs — Graduate College

Account Number 56-90-05
1. Dorothy M. Walker, 7102, Clerk-Typist III ZN5o $ 1,980
(Total Salary) .................................................. (3,990)
Total, Indirect Costs — Graduate College ..................... $ 1,980

COLLEGE OF NURSING

Account Number 05-21-05
1. Dorothy E. Goodman, 7542, Clerk-Stenographer II. N $ 4,020
2. Luvenia Hooks, 3668, Clerk-Typist II. N 3,600
3. Donna K. Salesman, 3666, Clerk-Typist II. N 3,600
4. Joanne M. Baer, 3672, Secretary (Stenographic) N 5,340
Total, College of Nursing .................................... $16,590

BROADCASTING

Account Number 05-22-05
1. Roberta Spunt, 6672, Clerk-Typist III. N $ 4,260
2. Alfred E. Partridge, 6483, Radio Station Supervisor of Educational Programs N 8,400
3. Barbara J. Jipson, 6753, Television Writer-Producer N 6,000
Total, Broadcasting ........................................... $18,690

DIVISION OF SERVICES FOR CRIPPLED CHILDREN

State

Account Number 05-23-05
1. Roland E. Zook, 0098, Research Analyst N $ 8,700
2. Dorothy Bukett, 0030, Chief Clerk N 5,100
3. Pauline M. Klarich, 5556, Chief Clerk N 4,680
4. Sophie B. Mueller, 0031, Chief Clerk N 4,200
5. Annabel Osby, 0030, Chief Clerk N 5,640
6. Sylvia Bloomquist, 0038, Clerk-Stenographer III. N 4,620
7. Hilda H. Sullivan, 5322, Clerk-Stenographer III N 4,200
8. Juanita Handley, 0001, Clerk-Typist III N 4,200
9. Henrietta Marlowe, 0132, Clerk-Typist III. .......... N 4080
10. Mayme Riva, 0067, Clerk-Typist III. ............. N 4080
11. Margaret L. Ouljas, 0032, Medical Social Consultant N 7140
12. Catherine F. Lott, 0102, Medical Social Consultant N 7080
13. Elizabeth K. Mofitt, 0103, Medical Social Consultant N 6720
14. Marion V. Smith, 0101, Medical Social Consultant N 7620
15. Dorothy L. Treiber, 6726, Medical Social Consultant N 6720
17. Frances L. Crites, 0011, Nursing Consultant. N 6600
18. Gladys C. Gibbons, 0015, Nursing Consultant. N 6540
19. Irene A. Gregg, 0012, Nursing Consultant. N 6060
20. Madeline Groesch, 0016, Nursing Consultant. N 6480
22. Evelyn M. Kuehnle, 0022, Nursing Consultant. N 6600
25. Vera M. Vathauer, 0020, Nursing Consultant. N 6600
26. Marie L. Czwalinski, 0005, Orthopaedic Nursing Consultant N 7020
27. Margaret Duffy, 0019, Orthopaedic Nursing Consultant N 7140
28. Minna M. Hildebrand, 5206, Orthopaedic Nursing Consultant N 7020
29. Jean A. Sciola, 0006, Orthopaedic Nursing Consultant N 7140
30. Myrtle E. Swanson, 0009, Orthopaedic Nursing Consultant N 7020
31. Irene R. Donohue, 0108, Speech and Hearing Consultant N 7140
32. Evelyn M. Green, 0107, Speech and Hearing Consultant N 7140
33. Kathleen F. Gunn, 6491, Speech and Hearing Consultant N 7020
34. Burdette Thurman, 0110, Speech and Hearing Consultant N 6820
35. Catherine W. Trauba, 0109, Speech and Hearing Consultant N 7020
36. Udell Rentro, 0004, Janitor. N 4020
37. Freda M. Hicks, 0009, Office Manager. N 8520
38. Leroy J. Votava, 0007, Personnel Officer. N 7000
39. Helen Culbertson, 0027, Secretary (Stenographic). N 6000
40. Zoe Hall, 0100, Medical Social Service Supervisor. N 9240
41. Hedwig B. Trauba, 0001, Supervisor of Nursing Service. N 9240
42. Mary D. Ford, 0105, Assistant Supervisor of Nursing Service. N 8160
43. Marjorie E. Gibson, 0002, Assistant Supervisor of Nursing Service. N 8700
44. Jeannette Frasier, 0108, Supervisor of Speech and Hearing Service. N 9240

Total, State ........................................... $290,500

Business Office
Account Number 05-23-10
1. Lean C. Ryan, 0114, Accountant I. .................. N $ 6,420
2. Addalein C. Hawk, 7153, Chief Clerk. ............ N 4020
3. Magdalene Krmelj, 0035, Clerk-Stenographer III. N 4800
4. Irene B. Stauffer, 0073, Clerk-Typist II. ........ N 3600
5. William R. Hinds, 7154, Clerk-Typist III. ....... N 4800

Total, Business Office ................................ $24,540

Federal
Account Number 55-93-05
1. Lee F. Osborn, Jr., 5804, Cleft Palate Technical Assistant N $ 6,510
2. Estelle M. Bocchio, 0034, Clerk II. .................. N 3180
3. Margaret M. Cook, 0035, Clerk II. .................. N 2820
4. Shirley Matthews, 0124, Clerk II. .................. N 3000
5. Georgene P. Menard, 66, Clerk II. .................. N 2820
6. Lynne E. Rosecrans, 0090, Clerk II. ............... N 3480
7. Marlene N. Stein, 6053, Clerk II. .................. N 2580
8. Donna J. Thomas, 5041, Clerk II. .................. N 3000
9. __________, 6720, Clerk II. ......................... N 2580
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<td>Catherine H. Casey, 0074, Clerk III</td>
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<td>Irene I. Cott, 0081, Clerk III</td>
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<td>Ann M. Shean, 0083, Chief Clerk</td>
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<td>John C. Nichols, 0125, Stores Clerk</td>
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<td>Marian Bailey, 0087, Typing Clerk III</td>
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<td>Carol A. Diekemper, 0049, Clerk-Stenographer II</td>
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<td>Dixie J. McGuire, 0068, Clerk-Stenographer II</td>
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<td>Annette L. Roos, 0074, Clerk-Stenographer II</td>
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<td>Patricia A. Abbott, 0057, Clerk-Stenographer III</td>
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<td>Sharon I. Bath, 0123, Clerk-Stenographer III</td>
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<td>M. Louise Emerson, 5295, Clerk-Stenographer III</td>
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<td>Dorothy J. Forrest, 0078, Clerk-Stenographer III</td>
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(On leave without pay)

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<td>Virginia M. Jones, 0051, Clerk-Stenographer III</td>
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<td>Shirley Kirksey, 6245, Clerk-Stenographer III</td>
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<td>Dolores M. Koenig, 5577, Clerk-Stenographer III</td>
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<td>Clarice N. Mauney, 0030, Clerk-Stenographer III</td>
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<td>Doris Murrell, 0115, Clerk-Stenographer III</td>
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(On leave without pay July, August, and September, 1959)

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<td>3. Minnie Schneider, 3682, Secretary (Stenographic)</td>
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<td>4. William Kadetz, 3680, Supervisor of Mechanical, Electrical, and Electronic Equipment</td>
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<td>4. Edna C. Kelleher, 3712, Clerk III</td>
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<td>6. Herbert A. Repp, 4066, Clerk III</td>
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### Admissions

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### Anesthesiology

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### Central Supply

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<td>Essie Mae Goss, Supply Attendant</td>
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(On leave without pay)

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<td>40. Ardith J. Hubbard, 3769, Staff Nurse</td>
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41. Jean A. Kasper, 3758, Staff Nurse .................. N 4 404
   (Perquisites University— one meal)
42. Joan A. Kimmey, 3773, Staff Nurse .................. N 3 672
   (Perquisites Employee— two meals and room; University— one meal)
43. Alma E. Kline, 3771, Staff Nurse .................. N 4 704
   (Perquisites University— one meal)
44. Doris L. Lefley, 3762, Staff Nurse .................. N 4 704
   (Perquisites University— one meal)
45. Mary C. Mallon, 3748, Staff Nurse .................. N 4 854
   (Perquisites University— one meal)
46. Carrie H. Manley, 6871, Staff Nurse .................. N 4 494
   (Perquisites University— one meal)
47. Antoinette Mazanec, 4191, Staff Nurse .................. N 4 764
   (Perquisites University— one meal)
48. ————, 3772, Staff Nurse .................. N 4 404
   (Perquisites University— one meal)
49. Joyce A. Zarcone, 3756, Staff Nurse .................. N 4 524
   (Perquisites University— one meal)
50. Vera Dexheimer, 3749, Supervising Nurse .................. N 5 904
   (Perquisites University— one meal)
51. Mary LoCicero, 3754, Supervising Nurse .................. N 6 174
   (Perquisites University— one meal)
52. Kathryn L. McGann, 3766, Supervising Nurse .................. N 6 330
53. Bernice J. Bernhart, 3775, Secretary (Stenographic) .................. N 6 300
54. John Lardner, 3774, Supervisor of Urology Clinic .................. N 5 364
   (On leave without pay)
Total, Clinics .......................... $247 620

Dietetics

Account Number 05-27-25
1. Charlie Perkins, 7439, Clerk II .................. N $ 3 420
2. Dorothy A. Gallo, 3805, Clerk-Stenographer III .................. N 4 080
3. Danuta J. Niemiro, 3813, Clerk-Typist II .................. N 3 540
4. Betty A. Stone, 3806, Clerk-Typist III .................. N 3 840
5. Rosemary Gleason, 3808, Dietitian .................. N 5 220
   (Perquisites University— one meal)
6. Ann T. Gorman, 3797, Dietitian .................. N 5 700
   (Perquisites University— one meal)
7. Gladys A. Johnson, 3800, Dietitian .................. N 5 220
8. Mary Alice Johnson, 3795, Dietitian .................. N 5 700
   (Perquisites University— one meal)
9. Barbara Lafrentz, 3796, Dietitian .................. N 4 980
   (Perquisites University— one meal)
10. Beat a A. Link, 3798, Dietitian .................. N 5 070
   (Perquisites University— one meal)
11. Mary J. Trimble, 3809, Dietitian .................. N 5 220
   (Perquisites University— one meal)
12. Mary Lou VanDyke, 5997, Dietitian .................. N 5 310
   (Perquisites University— one meal)
13. ————, 3802, Dietitian .................. N 4 980
   (Perquisites University— one meal)
14. ————, 6644, Dietitian .................. N 4 620
   (Perquisites University— one meal)
15. ————, 3810, Dietitian .................. N 4 800
   (Perquisites University— one meal)
16. Bernita A. Youngs, 6270, Dietitian .................. N 5 220
   (Perquisites University— one meal)
17. Alpha Q. Stine, 3793, Director of Dietary Service .................. N 8 600
   (Perquisites University— one meal)
18. Mary C. Beckers, 7029, Assistant Director of Dietary Service
   (Perquisites University — one meal) ................................. N 6 600
19. ——, 6222, Assistant Food Production Manager.  (Perquisites University — one meal) ............................... N 4 800
20. L. A. Crisologo, 5886, Food Service Supervisor.  (Perquisites University — one meal) ............................... N 4 560
21. ——, 5761, Food Service Supervisor.  (Perquisites University — one meal) ............................... N 4 500

Total, Dietetics .......................................................... $105 980

Emergency Service

Account Number 05-27-27

1. Arthur Dimschultz, 3707, Clerk III ................................. ...........
   (On leave without pay) .................................................... N $ 4 260
2. Henry Mueller, 3707, Clerk III ................................. ...........
3. Avis Abbe, 6477, Typing Clerk II. ................................. ...........
4. Clara O. Loesch, 6478, Head Nurse. ................................. N 3 480
   (Perquisites University — one meal) ........................................ N 5 904
5. Helene Janson, 6228, Licensed Practical Nurse. ................................. N 2 832
   (Perquisites Employee — two meals and room; University — one meal) ........................................ (732)
6. Ethel H. Roberts, 6305, Licensed Practical Nurse. ................................. N 3 660
7. ——, Licensed Practical Nurse. ................................. ...........
8. Margaret A. Fisher, 3805, Staff Nurse. ................................. N 4 644
   (Perquisites University — one meal) ........................................ N 4 764
9. June M. Matasic, 3803, Staff Nurse. ................................. N 4 524
   (Perquisites University — one meal) ........................................ N 4 420
10. Jean C. Ricardi, 3802, Staff Nurse. ................................. N 4 284
   (Perquisites University — one meal) ........................................ N 4 210
11. Jerlena M. Vinson, 3804, Staff Nurse. ................................. N 4 794
   (Perquisites University — one meal) ........................................ N 4 794
12. ——, 7252, Staff Nurse. ................................. ...........
   (Perquisites University — one meal) ........................................ N 4 284
13. Helen Lane, 3800, Supervising Nurse. ................................. N 6 744
   (Perquisites University — one meal) ........................................ N 6 744

Total, Emergency Service .................................................. $53 310

Laboratory

Account Number 05-27-30

1. Hershel G. Baker, 3806, Hospital Laboratory Technical Assistant ................................. N $ 7 380
2. Essie Lee Jackson, 6237, Laboratory Assistant I ................................. N 3 300
3. Rosabelle Perry, 5075, Laboratory Assistant I ................................. N 2 964
4. Lucille Hoff, 3019, Laboratory Assistant II ................................. N 4 020
5. Audrienne Nagle, Laboratory Assistant II ................................. N 3 468
6. Hinda Shamberg, 6865, Laboratory Assistant II ................................. N 3 198
7. Vivian A. Turner, 3930, Laboratory Assistant II ................................. N 3 576
8. Maida M. Osaki, 5884, Chief Clerk ................................. ...........
9. Ludmilla Asamat, 6641, Typing Clerk II ................................. N 3 780
10. Naomi A. Hark, 6686, Clerk-Stenographer II ................................. N 3 540
11. Aune C. Numoff, 3922, Clerk-Stenographer III ................................. N 4 560
12. Helen Vincent, 6017, Clerk-Typist II ................................. ...........
13. ——, Clerk-Typist III ................................. ...........
14. Maria Andreoff, 3910, Biochemistry Technologist ................................. N 4 380
15. Fumi Ichiba, 5338, Biochemistry Technologist ................................. N 4 704
16. V. T. Jurkunas, 3908, Biochemistry Technologist ................................. N 4 380
17. Ethelle Katz, 6057, Biochemistry Technologist ................................. N 4 704
18. Jeanne F. Miller, 3898, Biochemistry Technologist ................................. N 5 580
19. Catherine Nobe, 3900, Biochemistry Technologist ................................. N 5 856
20. Lilla M. Perry, 3911, Biochemistry Technologist ................................. N 4 380
21. Louise V. Atkinson, 3932, Hematology Technologist ................................. N 4 380
22. Maxine Friedenberg, 3906, Hematology Technologist ................................. N 4 488
23. Pola M. Rokicki, 3907, Hematology Technologist ................................. N 4 380
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<td>Willard Mauldin</td>
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<td>Glenn Sharp</td>
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(On leave without pay)

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**Total, Laboratory** ........................................ $222 732

**Medical Records** ........................................ $24 660

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23. Marilyn J. Strasser, 5883, Clerk-Stenographer III N 4 200
24. Janice H. Avant, 7085, Clerk-Typist II N 3 200
25. Ann S. Rapp, 3960, Clerk-Typist II N 3 720
26. Rita M. Finnean, 3951, Medical Record Librarian N 5 580
27. Mary Joan Wogan, 6043, Medical Record Librarian N 5 580
28. Dorothy V. Dunne, 3941, Chief Medical Record Librarian N 4 800
29. William O. Burton, 6151, Messenger N 3 600
30. Lawrence Richmond, 6150, Messenger N 3 780
31. Mildred M. Evans, 6463, Secretary (Transcribing) N 5 100
32. Lillie E. Davis, 6724, Medical Typist N 4 080
33. Christine Hamby, 6725, Medical Typist N 4 620
34. Cora C. Williams, 7504, Medical Typist N 3 900
35. ————, 6965, Medical Typist N 4 200
36. ————, Medical Typist N 3 900

Total, Medical Records........................................ $142 050

Illinois Eye and Ear Infirmary

Nursing

Account Number 05-27-44

1. Juanita Echols, 5186, Typing Clerk II N $ 3 540
2. Barbara J. Pass, 6637, Typing Clerk II N 3 240
3. Sally M. Stewart, 7419, Typing Clerk II N 3 060
4. ————, Typing Clerk II N 3 120
5. Harriet B. Vrasic, 4269, Clerk-Stenographer III N 5 250
6. Emma D. Condl, 4235, Assistant Director of Nursing N 7 194
(Peoples University — one meal)
7. Ferne F. Stehing, 4235, Assistant Director of Nursing N .......
(On leave without pay)
8. Caroline Stewart, 4234, Associate Director of Nursing N 8 154
(Peoples University — one meal)
9. Lois Fitting, 4238, Head Nurse N 5 064
(Peoples University — one meal)
10. Katherine D. Grady, 4270, Head Nurse N 5 244
(Peoples University — one meal)
11. Helen S. Guarino, 4236, Head Nurse N 5 310
12. Nancy Izzo, 6905, Head Nurse N 5 724
(Peoples University — one meal)
13. Madge Lovik, 4268, Head Nurse N 5 154
(Peoples University — one meal)
14. Madonna McDevitt, 4205, Head Nurse N 4 944
(Peoples University — one meal)
15. Bessie G. Keyher, 4237, Head Nurse N 5 064
(Peoples University — one meal)
16. ————, 4267, Head Nurse N 4 734
(Peoples University — one meal)
17. ————, 4236, Head Nurse N 4 644
(Peoples University — one meal)
18. Bessie Becka, 4240, Assistant Head Nurse N 4 854
(Peoples University — one meal)
19. Freda H. Brown, 4250, Assistant Head Nurse N 4 944
(Peoples University — one meal)
20. Elvera H. Hanson, 4239, Assistant Head Nurse N 4 734
(Peoples University — one meal)
21. Isabella Karalis, 4271, Assistant Head Nurse N 4 914
(Peoples University — one meal)
22. Sophie Kratochvil, 4248, Assistant Head Nurse N 5 544
(Peoples University — one meal)
23. Florene Dillard, 6714, Licensed Practical Nurse N 3 504
(Peoples University — one meal)
24. Thelma A. Jackson, 6713, Licensed Practical Nurse N 3 504
(Peoples University — one meal)
25. Gloria C. Nails, 6740, Licensed Practical Nurse N 3 504
(Peoples University — one meal)
26. Lois A. Randle, 6718, Licensed Practical Nurse........ N 3 504
   (Perquisites University—one meal)
27. Louise Ricks, 6739, Licensed Practical Nurse........ N 3 504
   (Perquisites University—one meal)
28. Sharon L. Antonucci, 4244, Staff Nurse............. N 4 524
   (Perquisites University—one meal)
29. C. C. Christopher, 4258, Staff Nurse.............. N 4 404
   (Perquisites University—one meal)
30. Dolores A. Ciasto, 4243, Staff Nurse............. N 4 404
   (Perquisites University—one meal)
31. Emma E. B. Follmer, 4253, Staff Nurse........... N 4 284
   (Perquisites University—one meal)
32. Dewey T. Garceau, 4245, Staff Nurse............. N 4 404
   (Perquisites University—one meal)
33. Marian D. Hopley, 4253, Staff Nurse............. N 4 284
   (Perquisites University—one meal)
34. Doris E. Johnson, 4257, Staff Nurse............. N 4 284
   (Perquisites University—one meal)
35. Blossom C. Lemieux, 4252, Staff Nurse............ N 4 920
36. Ann Moore, 4260, Staff Nurse.................... N 3 948
   (Perquisites Employee—one meal and room; University— one meal) (576)
37. Norma Musialar, 4261, Staff Nurse.............. N 4 524
   (Perquisites University—one meal)
38. Marilyn A. Weldon, 4272, Staff Nurse........... N 4 524
   (Perquisites University—one meal)
39. ———, 4254, Staff Nurse................... N 4 344
   (Perquisites University—one meal)
40. ———, 4259, Staff Nurse................... N 4 284
   (Perquisites University—one meal)
41. ———, 4251, Staff Nurse................... N 4 284
   (Perquisites University—one meal)
42. Doris M. Hundeby, 4255, Supervising Nurse....... N 5 904
   (Perquisites University—one meal)
43. Elizabeth H. Nash, 4263, Supervising Nurse....... N 6 144
   (Perquisites University—one meal)
44. ———, 4247, Supervising Nurse.............. N 6 144
   (Perquisites University—one meal)
Total, Nursing—Illinois Eye and Ear Infirmary....... $202 128

General
Account Number 05-27-45
1. Grace Calmer, 3973, Assistant to Director of Nursing... N $5 712
   (Perquisites Employee—two meals and room; University— one meal) (732)
2. Virginia M. Counts, 4101, Assistant to Director of Nurs-
   ing...................................... N 5 412
   (Perquisites Employee—two meals and room; University— one meal) (732)
3. Ellen E. Finnigan, 3970, Assistant to Director of Nursing
   N 7 170
4. Juanita Hamilton, 3971, Assistant to Director of Nursing
   N 6 072
   (Perquisites Employee—two meals and room; University— one meal) (732)
5. Frances B. Kubilski, 3974, Assistant to Director of Nursing
   N 6 444
   (Perquisites University—one meal)
6. Clara J. Longbons, 5015, Assistant to Director of Nursing
   N 6 384
   (Perquisites University—one meal)
7. Eunice I. Reim, 3972, Assistant to Director of Nursing
   N 6 306
   (On leave without pay)
8. Wanda M. Zumpano, 4121, Assistant to Director of Nursing
   N 6 384
   (Perquisites University—one meal)
9. James Brown, 6376, Supply Attendant ........................................ N 3816
10. Shelby F. Jones, 4097, Clerk III ............................................. N 4200
11. Anna Ware, 4066, Clerk III .................................................. N 4020
12. Ruthie M. Allen, 4923, Typing Clerk II .................................... N 3300
13. Orthella M. Frazier, 5803, Typing Clerk II ................................ N 3360
14. Edna L. Hall, 4098, Typing Clerk II ........................................ N 3420
15. Barbara J. Jordan, 6821, Typing Clerk II .................................. N 3060
16. Arlene J. Kye, 4095, Typing Clerk II ....................................... N 3120
17. Eloise Louis, 6881, Typing Clerk II ......................................... N 3300
18. Wilhelmina Miller, 4231, Typing Clerk II .................................. N 3000
19. Ruth J. Moore, 4094, Typing Clerk II ...................................... N 3300
20. Sara M. Perkins, 6752, Typing Clerk II .................................... N 3060
21. Grace H. Robinson, 6193, Typing Clerk II .................................. N 3360
22. Coffette C. Ward, 4230, Typing Clerk II .................................... N 3300
23. Janice B. Washington, 6347, Typing Clerk II .............................. N 3060
24. Lucille Williams, 4233, Typing Clerk II .................................... N 3060
25. Florene Wright, 6395, Typing Clerk II ..................................... N 3360
26. Lagreta C. Fields, 3075, Clerk-Stenographer III ........................ N 3900
27. Barbara P. Lemel, 4229, Clerk-Stenographer I1 .......................... N 4200
28. Catherine M. Kovac, 6209, Clerk-Typist I1 ............................... N 3960
29. .................. 7059, Clerk-Typist I1 ..................................... N 3300
30. Helen Bruck, 4120, Assistant Director of Nursing ..................... N 6984
(Perquisites University — one meal)
31. Elizabeth Furnas, 3969, Assistant Director of Nursing ... N 7074
(Perquisites University — one meal)
32. Antoinette Radek, 3968, Assistant Director of Nursing ... N 7230
33. Ruth M. Carroll, 3967, Associate Director of Nursing ... N 8364
(Perquisites University — one meal)
34. Robert Walker, 7356, Messenger ............................................. N 3792
35. Jean Altenberg, 5971, Head Nurse .......................................... N 4884
(Perquisites University — one meal)
36. Monica Cavanaugh, 3988, Head Nurse ..................................... N 5784
(Perquisites University — one meal)
37. Sophia Ciesla, 4124, Head Nurse .......................................... N 5304
(Perquisites University — one meal)
38. Violet Conforti, 3986, Head Nurse .......................................... N 5724
(Perquisites University — one meal)
39. Sophia Dobrycplch, 3993, Head Nurse ..................................... N 5544
(Perquisites University — one meal)
40. Joyce A. Durie, 6768, Head Nurse .......................................... N 4332
(Perquisites Employee — two meals and room; University — one meal) .......................................................... (732)
41. Anita A. Favretto, 4123, Head Nurse ........................................ N 5364
(Perquisites University — one meal)
42. Evelyn M. F. Peri, 4000, Head Nurse .................................... N 4752
(Perquisites Employee — two meals and room; University — one meal) .......................................................... (732)
43. Rosemarie F. Fitzke, 3996, Head Nurse .................................... N 5664
(Perquisites University — one meal)
44. Edna Glover, 4127, Head Nurse ............................................. N 5370
45. Georgia M. Hairston, 6532, Head Nurse ................................ N 5244
(Perquisites University — one meal)
46. Martha J. Hall, 3987, Head Nurse .......................................... N 5364
(Perquisites University — one meal)
47. Bernice Houston, 3994, Head Nurse ........................................ N 5244
(Perquisites University — one meal)
48. Hilary C. Johnson, 3995, Head Nurse ..................................... N 5784
(Perquisites University — one meal)
49. Gloria J. Kelson, 4125, Head Nurse ....................................... N 5424
(Perquisites University — one meal)
50. Catherine Kolitsch, 3991, Head Nurse .................................... N 5904
(Perquisites University — one meal)
51. Sandra R. Mathis, 3995, Head Nurse ...................................... N 4884
(Perquisites University — one meal)
<table>
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<tr>
<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>University</th>
<th>Perquisites</th>
<th>Notes</th>
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<tr>
<td>52</td>
<td>Dorothy H. Miner, 3989</td>
<td>Head Nurse</td>
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<td>Kathryn E. Parker, 4100</td>
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<td>54</td>
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<td>71</td>
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<td>74</td>
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<td>76</td>
<td>Mary L. Davenport, 5950</td>
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<td>77</td>
<td>Mae E. Davis, 6366</td>
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<td>82</td>
<td>Rosa Y. Gaines, 6333</td>
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<td>86.</td>
<td>Rose Hall, 5889, Licensed Practical Nurse</td>
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<td>Katie M. Harris, 6356, Licensed Practical Nurse</td>
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<td>Velma R. Hughes, 6366, Licensed Practical Nurse</td>
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<td>Ruth H. Ashworth, 3975, Secretary (Stenographic)</td>
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<td>7421, Surgical Technician</td>
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**Total, Nursing — General**

$1,027,158

---

**Neuropsychiatric Institute**

Account Number 05-27-46

1. Thora P. Dickof, 5286, Clerk II  
   N  $3 420
2. Elodie Lane, 4393, Clerk II  
   N  3 300
3. Magnolia Coles, 4394, Typing Clerk II  
   N  3 000
4. Henrietta Lockett, 4392, Typing Clerk II  
   N  3 420
5. Dorothy Roberts, 4391, Typing Clerk II ......................... N 3 060
   (Perquisites University—one meal)
6. Harriet A. White, 4366, Assistant Director of Nursing  N 6 744
   (Perquisites University—one meal)
7. Frances R. Mikulec, 4364, Associate Director of Nursing N 7 794
   (Perquisites University—one meal)
8. Ruth H. Ferguson, 4378, Head Nurse ......................... N 5 244
   (Perquisites University—one meal)
   (On leave without pay)
9. Ruth E. Flinn, 4376, Head Nurse ......................... N 5 052
   (Perquisites Employee—two meals; University—one meal)  
   (312)
10. Dorothy Foltz, 4372, Head Nurse ......................... N 5 544
    (Perquisites University—one meal)
11. J. Niespodzani, 4373, Head Nurse ......................... N 5 544
    (Perquisites University—one meal)
12. Nellie J. Person, 4377, Head Nurse ......................... N 5 244
    (Perquisites University—one meal)
13. 4374, Head Nurse ........................................... N 4 644
    (Perquisites University—one meal)
14. 4370, Assistant Head Nurse ................................... N 4 461
    (Perquisites University—one meal)
15. Annie Abrams, 6859, Licensed Practical Nurse ............ N 3 504
    (Perquisites University—one meal)
16. Sadie Clark, 4932, Licensed Practical Nurse ............ N 3 660
17. Melissa Coleman, 6437, Licensed Practical Nurse ......... N 3 720
18. Wilma P. Collins, 6449, Licensed Practical Nurse ......... N 3 504
    (Perquisites University—one meal)
19. Minnie Copeland, 6439, Licensed Practical Nurse ......... N 3 504
    (Perquisites University—one meal)
20. Ollie Green, 6487, Licensed Practical Nurse ............ N 3 720
21. Loretta Hall, 4941, Licensed Practical Nurse ............ N 3 720
22. Ruth M. Johnson, 4062, Licensed Practical Nurse ......... N 3 660
23. 4387, Licensed Practical Nurse ................................... N 3 204
    (Perquisites University—one meal)
24. 4380, Staff Nurse ........................................... N 4 524
    (Perquisites University—one meal)
25. Alice Marlene Beck, 4371, Staff Nurse ..................... N 4 524
    (Perquisites University—one meal)
26. Devere M. Benson, 4138, Staff Nurse ....................... N 4 524
27. Roberta Mae Cera, 4136, Staff Nurse ....................... N 4 524
    (Perquisites University—one meal)
28. Judith A. Dummer, 4387, Staff Nurse ....................... N 4 524
    (Perquisites University—one meal)
29. Betty E. Fuentes, 4380, Staff Nurse ....................... N 4 524
    (Perquisites University—one meal)
30. Patricia A. Hagan, 4137, Staff Nurse ....................... N 4 524
    (Perquisites University—one meal)
31. Earlene B. Hatch, 4398, Staff Nurse ....................... N 4 704
    (Perquisites University—one meal)
32. Anna Marie Hogan, 4385, Staff Nurse ....................... N 3 672
    (Perquisites Employee—two meals and room; University—two meals)
    (732)
33. Betty J. Ivey, 4386, Staff Nurse .......................... N 4 524
    (Perquisites University—one meal)
34. Mae Louise Jackson, 4396, Staff Nurse ..................... N 4 524
    (Perquisites University—one meal)
35. W. Princess Jarrett, 4383, Staff Nurse ..................... N 4 914
    (Perquisites University—one meal)
36. L. M. Jendresen, 4395, Staff Nurse ....................... N 4 524
    (Perquisites University—one meal)
37. Marcella Jerome, 4401, Staff Nurse ....................... N 4 704
    (Perquisites University—one meal)
38. Ruby B. Malek, 4370, Staff Nurse ....................... N 4 704
    (Perquisites University—one meal)
Account Number 05-27-50

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<td>Margaret Craven</td>
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Total, Nurses’ Residence: $7,950

Operating and Recovery Rooms

Account Number 05-27-55

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<td>Loretta Fangrat</td>
<td>Head Nurse</td>
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<td>$5,484</td>
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<td>Laverne H. Kaleta</td>
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<td>Betty A. Lindsay</td>
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<td>Nancy A. Smartz</td>
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<td>Shirley E. Harris</td>
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<td>Brunetta S. Pullen</td>
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<td>Bettie K. Witt</td>
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Total, Nursing - Neuropsychiatric Institute: $249,420
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<td>Ann M. Brannon, 4419</td>
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<td>Monica Simler, 4431</td>
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<td>Betty A. Weisman, 4434</td>
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<td>Fannie L. Nofziger, 4414</td>
<td>Supervising Nurse</td>
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42. Anna A. Norton, 4439, Supervising Nurse .................. N $6 294
   (Perquisites University — one meal)
43. Arturo Pizarro, 7273, Surgical Technician ................. N $3 624
   (Perquisites University — one meal)
   Total, Operating and Recovery Rooms ....................... $191 532

Orthopaedic Brace Shop

Account Number 05-27-60
1. William P. Oliver, 4411, Bracemaker ..................... N $4 380
2. Mary F. Izzo, 4412, Assistant Bracemaker ................. N $3 540
   Total, Orthopaedic Brace Shop .......................... $7 920

Brace Shop Revolving

Account Number 07-27-05
1. Joseph J. Molloy, 4413, Bracemaker ..................... N $7 000
   Total, Brace Shop Revolving ........................... $7 000

Pathology

Account Number 05-27-65
1. Vi C. Kozukauskas, 4443, Laboratory Assistant III .... N $4 068
2. Victoria Kregzde, 4442, Laboratory Assistant III ....... N $3 826
3. Jadyga Maldeikis, 4449, Laboratory Assistant III ....... N $4 272
4. Marilyn Goldenson, 4447, Clerk-Stenographer II ...... N $4 020
5. Sylvia C. Schreiman, 4448, Clerk-Stenographer II     N $4 020
6. Ruth M. Jacobs, 4449, Clerk-Stenographer III ....... N $5 340
7. ————, Clerk-Stenographer III .......................... N $3 900
8. Helen E. Baker, 6879, Clerk-Typist III ................ N $3 900
9. Jonas S. Ayers, 5647, Morgue Trainee Technician .... N $3 390
10. Elmer Walton, 4444, Morgue Technician ................ N $4 800
11. Margaret Meredith, 6538, Histology Technologist .... N $4 596
12. Stella Nanos, 7760, Histology Technologist ........... N $4 596
13. Barbara Sackett, 7377, Medical Typist ................ N $4 500
   Total, Pathology ........................................ $55 278

Physical Medicine and Rehabilitation

Account Number 05-27-75
1. Marcella Dowdell, 6023, Physical Therapy Aide ......... N $3 450
2. Lawrence Long, 5714, Physical Therapy Aide .......... N $3 900
3. Evelyn C. Smith, 6091, Physical Therapy Aide, Handi-
   capped Children's Center ............................... N $4 110
4. Rose M. Scott, 4467, Physical Therapy Aide .......... N $3 900
5. Donald J. Vincent, 4466, Physical Therapy Aide .... N $3 300
6. Dorothy C. Larson, 5585, Clerk III .................... N $4 590
7. Teddy Ramirez, 5891, Supervisor of Physical Therapy N $5 220
8. June M. Schroeder, 4453, Chief Physical Therapist .. N $7 500
9. Dorothy Barnhart, 4454, Assistant Chief Physical Thera-
   pist ..................................................... N $6 500
10. Barbara F. Adams, 4455, Staff Physical Therapist .... N $5 250
11. Gay M. Delong, 6568, Staff Physical Therapist ....... N $4 500
12. Kenji Okamoto, 4457, Staff Physical Therapist ....... N $4 800
13. Nancy T. Watts, 6540, Staff Physical Therapist ....... N $5 250
14. Sally A. Weidenkopf, 4470, Staff Physical Therapist N $4 380
15. ————, 6216, Staff Physical Therapist ................ N $4 800
16. ————, 4468, Staff Physical Therapist ................ N $4 380
17. Sally A. Yoran, 4461, Staff Physical Therapist .... N $4 500
18. Margaret R. Young, 6918, Staff Physical Therapist .. N $4 680
   Total, Physical Medicine and Rehabilitation .......... $85 070

Radiology

Account Number 05-27-80
1. Catherine Sanders, 5728, Laboratory Assistant II ...... N $3 576
2. Mary J. Bradford, 4489, Clerk II ....................... N $3 360
3. Evelyn K. Braxton, 4487, Clerk II ...................................................... N 3 720
4. Harold J. Carey, 6445, Clerk II .............................................................. N 3 600
5. Pauline Hummel, 4486, Clerk II .............................................................. N 3 900
6. .................................................. 4485, Clerk II .............................................................. N 3 720
7. Josephine Bellamia, 4483, Clerk III ......................................................... N 4 350
8. Mildred Evans, 4406, Clerk-Typist II ....................................................... N 3 600
9. Mary B. Duncan, 4484, Clerk-Typist III .................................................. N 3 780
10. Dennis Rainsford, 5793, Clerk-Typist III ............................................. N 4 050
11. Mabel H. Counelis, 5587, Patho-Technologist ...................................... N 4 595
12. Carlene Harkim, 6506, Darkroom Technician I .................................... N 3 210
13. Rosa Lee Smith, 4492, Darkroom Technician I ..................................... N 3 420
14. Willie F. Furlow, 4481, Darkroom Technician II ................................... N 4 200
15. Mildred Winesberry, 4482, Darkroom Technician II ............................. N 3 600
16. Odell Carson, 4474, Medical X-ray Technician I ................................ N 3 780
17. Rudolph Champa, 5325, Medical X-ray Technician I ................................ N 4 500
18. John A. Heying, 4478, Medical X-ray Technician I ................................ N 3 720
19. Roberta Lawson, 4476, Medical X-ray Technician I ................................ N 3 600
20. Dan J. Litturi, 4490, Medical X-ray Technician I ................................ N 3 660
21. Samuel J. Martin, 6343, Medical X-ray Technician I ................................ N 3 690
22. Shirley A. Ozolins, 4480, Medical X-ray Technician I ................................ N 4 020
23. William Randolph, 4491, Medical X-ray Technician I ................................ N 3 960
24. ........................................... Medical X-ray Technician I ........................................... N 3 600
25. Barbara J. Boving, 6407, Medical X-ray Technician II ................................ N 4 500
26. Veronica D. Demers, 4475, Medical X-ray Technician II .......................... N 4 800
27. Lydia Naaf, 4477, Medical X-ray Technician I ........................................ N 5 700
28. Zelmae Sanders, 5106, Medical X-ray Technician II .................................. N 4 260
29. Lydia C. Scherbath, 4476, Medical X-ray Technician II ................................ N 4 680
30. Eleanor R. Weber, 5803, Medical X-ray Technician II ................................ N 4 590
31. Richard J. Gracey, 4495, Chief Medical X-ray Technician ................................ N 6 530
Total, Radiology ........................................................................... $127,422

Respiratory Center Revolving

Account Number 07-27-25

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<td>2. Barbara M. Rhymes</td>
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<td>3. Ruby Mitchell</td>
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<td>4. Clarice Alexander</td>
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<td>5. Viola Henderson</td>
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<td>6. Earline J. Hester</td>
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<td>7. Bessie S. Jordan</td>
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<td>8. Lois L. Tyson</td>
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<td>9. .......................................... 6260, Licensed Practical Nurse</td>
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</table>

(Peoples University—one meal)

Total: $127,422
17. 5943, Staff Nurse. (Perquisites University— one meal) N 4 284
18. 6493, Staff Nurse. (Perquisites University— one meal) N 4 284
Total, Respiratory Center Revolving $70 932

Cooperative Investigations

TRUST— NATIONAL FOUNDATION FOR INFANTILE PARALYSIS— RESPIRATORY POLIO
Account Number 50-52-55
1. Mary P. Laughlin, 6443, Supervising Nurse. N $ 6 204
   (Perquisites University— one meal)

Ophthalmology Revolving

Account Number 07-27-15
1. Mattie Carmichael, 6901, Clerk II. N $ 3 690
2. Lylas R. Egerter, 3459, Clerk III. N 4 230
3. Fay Saxon, 3460, Clerk III. N 4 410
4. ————, 3461, Optical Dispenser I. N 6 000
5. ————, Optical Dispenser I. N 2 100
6. Herman Frank, 3457, Optical Dispenser II. N 6 550
Total, Ophthalmology Revolving $26 350

Stores— Sewing and Mending

Account Number 15-10-33
1. Anne C. Glass, 3716, Seamstress. N $ 3 628
2. ————, 3715, Seamstress. N 3 028
3. Lillian Kallenback, 3713, Sewing and Mending Supervisor N 5 490
Total, Stores— Sewing and Mending $11 546

LIBRARY

Account Number 05-33-05
1. Ernest L. Stevens, 4510, Library Clerk II. N $ 3 360
2. Elizabeth R. Browne, 4505, Library Clerk III. N 4 380
3. Mary W. McCray, 4508, Library Clerk III. N 4 050
4. Helen C. Ritter, 4504, Library Clerk III. N 4 380
5. Wilma F. Hoffman, 7332, Typing Clerk II. N 3 600
6. Yvonne J. Williams, 4507, Typing Clerk II. N 3 420
7. Jeanette B. Cichon, 4506, Clerk-Stenographer III. N 4 410
Total, Library $27 600

PHYSICAL PLANT

Administration

Account Number 05-36-02
1. Mary Ellen Nelson, 4902, Accountant II. N $ 6 600
2. Helen Duplantis, 4514, Accountant III. N 8 200
3. Lawrence A. Ruhnow, 4515, Assistant to Superintendent of Buildings and Grounds. N 8 600
4. Rosa Mayer, 4523, Clerk III. N 3 750
5. Marie L. Smith, 4519, Clerk III. N 3 288
   (Total Salary) (4 110)
6. L. D. Westeriors, 4901, Payroll Clerk II. N 3 840
7. Margaret Banks, 4518, Payroll Clerk III, Level I. N 4 650
8. ————, 4522, Typing Clerk III. N 3 600
9. Henrietta L. Swan, 7086, Clerk-Stenographer III. N 4 260
10. Virgie L. Clopke, 5550, Bookkeeping Machine Operator II. N 4 140
11. Clara G. Niemiec, 4903, Bookkeeping Machine Operator II N 4 080
12. ————, 4517, Bookkeeping Machine Operator II. N 4 080
13. ————, 4516, Secretary (Stenographic). N 5 430
15. Clarence F. Schar, 4546, Superintendent of Fire Prevention and Safety ................................................. N 8 100
16. Frank E. Hostettler, 4513, Superintendent of Physical Plant ............................................................. N 13 400

Total, Administration ............................................ $98 918

Building Operation

Account Number 05-36-04
1. Jean M. Auman, 4527, Clerk-Stenographer II .... N $3 570
2. Helen Nottoli, 4532, Clerk-Typist III ............... N 3 900
3. William W. Moss, 4530, Superintendent of Operations ZN92
   (Total Salary) ........................................... (10 260)
4. John J. Fee, 4531, Assistant Superintendent of Operations N 8 400
5. Norman D. Nelson, 7697, Assistant Superintendent of Operations .................................................... N 7 500

Total, Building Operation ...................................... $32 720

Laundry Service

Account Number 15-10-27
1. William W. Moss, 4530, Superintendent of Operations ZN8
   Total, Laundry Service .................................. $8 50

Police and Watchmen

Account Number 05-36-06
1. John F. Albrecht, 5773, Supervisor of Security and Traffic N
   Total, Police and Watchmen ............................ $8 600

Building Maintenance

Account Number 05-36-08
1. J. E. Guglielmi, 4555, Typing Clerk III .......... N $3 900
2. Rhoda E. Peterson, 4524, Typing Clerk III ....... N 4 320
3. Sherrill M. Rippon, 6176, Typing Clerk III ....... N 3 840
4. Catherine Carollo, 4526, Clerk-Typist II ........... N 3 660
5. Leo J. Janas, 7909, Project Engineer ............... N 8 490
6. Eugene H. Stewart, 4552, Structural Engineer .... N 10 200
7. James Lindsay, 4553, Routing Supervisor .......... N 7 700
8. George W. Hovland, 4554, Stores Supervisor .... N 6 000
9. Andrew Poetzinger, 4557, Supervisor of Building Crafts- men ...................................................... N 9 615
10. Albert H. Stroupe, 6772, Supervisor of Trades ... N 9 864

Total, Building Maintenance ................................ $67 499

Grounds Maintenance

Account Number 05-36-60
1. Noble J. Smith, 5287, Superintendent of Grounds .... N $7 700

Total, Grounds Maintenance ................................ $7 700

Heat, Light, and Power

Account Number 05-36-65
1. Mary Cermak, 5184, Clerk-Typist III .............. N $3 900
2. Gloria J. Banich, 4571, Secretary (Stenographic) N 5 460

Total, Heat, Light, and Power .......................... $9 360

Architectural Engineering Service

Account Number 15-10-06
1. Donald A. Gottfried, 7299, Space Analyst I ....... N $5 400
2. __________, 7208, Space Analyst II ................. N 5 700
3. Jesse C. Caraway, 4575, Associate Architect ....... N 11 100
4. Ella M. Warskow, 4586, Clerk II ..................... N 3 600
5. Mitchell J. Markos, 4582, Administrative Clerk .. N 6 600
6. Elaine T. Kramer, 4556, Operations Clerk ......... N 3 780
7. Lucile E. Green, 4520, Clerk-Stenographer III ... N 4 179
8. __________, 4589, Clerk-Stenographer III ....... N 4 020
9. Ronald E. Feltgen, 7400, Architectural Draftsman II... N 7 900
10. Henry J. Miszkowicz, 4581, Architectural Draftsman II... N 7 700
11. George Venchuk, 4579, Architectural Draftsman II... N 7 100
12. Frank R. Dukes, 4597, Architectural Electrical Engineer... N 8 800
13. Thomas R. Illi, 4587, Architectural Electrical Engineer... N 7 800
14. Frank J. Vogt, 4580, Architectural Mechanical Engineer... N 8 600
15. Vernon L. Morris, 4577, Architectural Engineer... N 8 600
16. Eugene A. Mokelke, 5414, Estimator... N 8 300
17. 6293, Secretary (Stenographic)... N 4 800
18. Elric M. Polly, 4576, Architectural Superintendent... N 11 000
19. , 4578, Architectural Superintendent... N 8 700

Total, Architectural Engineering Service... $133 370

Auxiliary Enterprises

Chicago Illini Union Building Operation
Account Number 15-15-15
1. Grace F. Bacon, 4600, Assistant to Manager of Illini Union N $ 4 980
2. Mary Breen, 4603, Assistant to Social Director... N 4 200
3. Shirley R. Tepper, 4602, Assistant to Social Director... (Total Salary) (4 140)
4. Marie L. Smith, 4519, Clerk III... ZNio (Total Salary) (4 110)

Total, Chicago Illini Union Building Operation... $11 721

Telephone Service
Account Number 15-10-45
1. Irene C. Smith, 4590, Chief Switchboard Operator... N $ 5 310

Total, Telephone Service... $ 5 310

Chicago Illini Union Food Service
Account Number 15-15-16
1. Marie L. Smith, 4519, Clerk III... ZNio $ 4 11 (Total Salary) (4 110)
2. Faye A. Kaufman, 4605, Food Production Manager... N 5 340
3. Margaret D. Johnson, 5813, Food Service Manager... ZN15 (Total Salary) (10 600)
4. Viola Walberg, 5531, Assistant Food Service Manager... ZN15 (Total Salary) (7 800)
5. Marian J. Rehfeldt, 4607, Food Service Supervisor... N 4 680

Total, Chicago Illini Union Food Service... $13 191

Trust — Housing Division Administration
Account Number 62-10-10
1. Mary M. Mahoney, 5618, Accountant I... N $ 5 460
2. Shirley R. Tepper, 4602, Assistant to Social Director... (Total Salary) (4 140)
3. Catherine E. Boren, 5775, Clerk-Stenographer II... N 3 750
4. Nina A. Lott, 5432, Clerk-Stenographer III... N 4 140
5. Francis L. Cooke, 5580, Housing Maintenance Supervisor N 6 900

Total, Trust — Housing Division Administration... $22 320

Steam Plant Service
Account Number 15-10-65
1. Leonard Burkhardt, 4570, Operations Clerk... N $ 4 500
2. Umbert Cruciani, 5227, Assistant Instrument and Efficiency Engineer... N 6 000
3. , 4574, Power Plant Mechanical Engineer... N 8 200
4. Albert A. Anderson, 4505, Superintendent of Utilities... N 11 400

Total, Steam Plant Service... $30 150
Trust — Student Residence Hall

Account Number 62-10-12

1. Stafford Kariotis, 3286, Purchasing Assistant III... ZN25 $ 2,040
   (Total Salary) ........................................ (8,070)
2. Florence E. Sanborn, 6432, Food Production Manager... N 5,580
   (Total Salary) ........................................ (10,600)
3. Margaret D. Johnson, 5813, Food Service Manager... ZN40 4,240
   (Total Salary) ........................................ (10,600)
4. Viola Walberg, 5531, Assistant Food Service Manager... ZN40 3,120
   (Total Salary) ........................................ (7,800)
5. Helen S. Cady, 6807, Food Service Supervisor... N 4,800
   (Perquisites University — two meals)
6. Cyrilla M. Glennon, 6854, Food Service Supervisor... N 4,050
   (Perquisites University — two meals)
7. Sandra L. Newling, 5657, Food Service Supervisor... N 3,900
   (Perquisites University — two meals)

Total, Trust — Student Residence Hall ........................................ $ 27,730

Hospital Addition Snack Bar

Account Number 15-15-10

1. Margaret D. Johnson, 5813, Food Service Manager... ZN15 $ 1,590
   (Total Salary) ........................................ (10,600)
2. Viola Walberg, 5531, Assistant Food Service Manager... ZN15 1,170
   (Total Salary) ........................................ (7,800)

Total, Hospital Addition Snack Bar ........................................ $ 2,760

CHICAGO UNDERGRADUATE DIVISION
ADMINISTRATION AND GENERAL

Dean’s Office

Account Number 70-05-05

1. Patricia Meservey, 0556, Clerk-Typist III... N $ 4,440
2. Kathryn G. Canedy, 0555, Administrative Secretary (Stenographic)... N 6,360

Total, Dean’s Office ........................................ $10,800

Student Counseling Service

Account Number 70-05-10

1. Joanne C. Perry, 0560, Personnel Assistant II... N $ 5,220
2. Audrey A. Anderson, 0560, Clerk-Stenographer II... N 3,250
3. Allie H. Mayberry, 0557, Clerk-Typist III... N 4,080
4. June O. Lore, 0558, Secretary (Stenographic)... N 4,710

Total, Student Counseling Service ........................................ $17,790

Business Office

Account Number 70-05-15

1. Leslie Taylor, 0563, Accountant II... ZN75 $ 4,770
   (Total Salary) ........................................ (6,190)
2. Thomas Halstengard, 0562, Purchasing Assistant III... ZN75 6,200
   (Total Salary) ........................................ (8,000)
3. Robert E. Porter, 0561, Assistant to Business Manager... N 11,790
4. D. C. Huebner, Assistant to Military Property Custodian... N 5,490
5. Larue I. Sares, 0568, Cashier III... N 3,600
6. Inez V. Dunn, 0566, Cashier III... ZN90 4,900
   (Total Salary) ........................................ (5,340)
7. Joaquin Pelayo, 0565, Receiving Clerk... N 4,200
8. George E. Campbell, 0567, Stores Clerk... N 4,530
9. George S. Lewis, Stores Clerk... N 3,840
10. Terese S. Arnoldi, 0569, Clerk-Stenographer III... N 4,020
11. Phyllis S. Skutnik, 0564, Secretary (Stenographic)... N 4,740

Total, Business Office ........................................ $62,370
### General Stores

Account Number 75-05-15

1. Thomas Halstengard, 0562, Purchasing Assistant III... ZN25 $1,800
   (Total Salary) ................................ (8,000)
2. Nathan Barach, 0570, Storekeeper............... N80 3,840

**Total, General Stores** ................................ $5,640

### Auxiliary — Bookstore

Account Number 75-15-20

1. Dorothy E. Conlon, 0579, Cashier I ................ N $4,170
2. Evelyn S. Bassett, 0841, Accounting Clerk II .... N 5,400
3. Evelyn Marcus, 0744, Bookstore Clerk I ........... N 3,600
4. Beatrice Schwart, 0144, Bookstore Clerk I ....... N 4,170
5. Emmett E. Willis, 0573, Chief Clerk ............... N 6,000
6. Rhoda M. Johnson, 0580, Clerk-Typist III ......... N 4,170
7. Harry E. Summers, 0572, Bookstore Manager ...... N 10,000
8. Frank Goetker, 0574, Storekeeper ................. N 5,100
9. William J. Hudson, 0578, Storekeeper .......... ... N 4,560

**Total, Auxiliary — Bookstore** ......................... $47,350

### Veterans' Certification

Account Number 88-05-15

1. Leslie Taylor, 0583, Accountant II .............. ZN13 $720
   (Total Salary) ................................ (6,100)

**Total, Veterans' Certification** ....................... $720

### Admissions and Records

Account Number 70-05-20

1. C. Muriel Fakhouri, 0596, Clerk II ............... N $3,450
2. Gladys L. Jackson, 0597, Clerk II ............... N 3,750
3. Emily Wickert, 0598, Clerk II ........................ ZN86 3,150
   (Total Salary) ................................ (3,630)
4. Mary A. Gross, 0589, Clerk III ....................... N 4,140
5. Rachel W. Hawkins, 0590, Clerk III ............... N 3,900
6. Edna Williams, 0586, Clerk III ...................... N 3,960
7. Adrienne Zmyslony, 0588, Clerk III ............... N 4,350
8. Lois Jud, 0592, Typing Clerk II ...................... N 3,240
9. Irene R. Schmidt, 0578, Typing Clerk II ........... N 3,270
10. Alice J. Johnson, 0594, Clerk-Stenographer II .... N 3,540
11. Delores Davis, 0587, Clerk-Stenographer III .... N 3,900
12. Ruth E. Germain, 0582, Assistant Examiner ...... N 5,700
13. Kirker Smith, 0581, Examiner and Recorder ....... N 8,100
15. Jeannet Gage, 0584, Recorder ....................... N 6,480
16. Margaret L. Hewitt, 0701, Assistant Recorder .... N 4,980
17. Lenore B. Liebman, 0583, Assistant Recorder .... N 5,400
18. Dorothy Dobryniski, 0585, Secretary (Stenographic) N 5,100

**Total, Admissions and Records** ....................... $79,980

### Veterans' Certification

Account Number 88-05-20

1. Emily Wickert, 0583, Clerk II ........................ ZN14 $480

**Total, Veterans' Certification** ....................... $480

### Nonacademic Personnel

Account Number 70-05-25

1. Hilda M. Chloro, 7099, Personnel Assistant II .... N $4,860
2. Rose M. Strueder, 6601, Visiting Nurse ............... ZN40 2,040
   (Total Salary) ................................ (5,100)
3. Leonard D. Harper, 0599, Personnel Officer ....... N 8,500

**Total, Nonacademic Personnel** ....................... $15,400
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<tr>
<th>Account Number</th>
<th>Department</th>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
<th>Total</th>
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<td>75-10-15</td>
<td>Stenographic Service</td>
<td>Clerk</td>
<td>Bernice Blackwood</td>
<td>$4,920</td>
<td>$13,680</td>
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<td>Dean of Students</td>
<td>Clerk-Stenographer II</td>
<td>Beverly J. Stange</td>
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<td>Accountant II</td>
<td>Leslie Taylor</td>
<td>$700</td>
<td>$700</td>
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<td>Health Service</td>
<td>Clerk II</td>
<td>Wilbur H. Oestreich</td>
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<td>Public Information</td>
<td>Editorial Assistant</td>
<td>Nancy Harding</td>
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<td>Clerk-Typist II</td>
<td>Florence Grayson</td>
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### Mathematics

**Account Number 70-10-20**

1. Adelaide D. Riedl, 0621, Clerk-Typist III .......................... N $4,200

**Total, Mathematics** .................................. $4,200

### Physical Sciences

**Account Number 70-10-25**

1. Monnie Ellens, 0622, Clerk-Typist III .......................... N $3,720
2. Frederick R. Gatto, 0624, Storekeeper ......................... N 5,160
3. John T. Rutter, 0623, Storekeeper ............................. N 4,620

**Total, Physical Sciences** .................................. $13,500

### Social Sciences

**Account Number 70-10-30**

1. Natalie E. Murray, 0625, Clerk-Typist II ......................... N $3,900

**Total, Social Sciences** .................................. $3,900

### Engineering Sciences

#### Administration

**Account Number 70-15-05**

1. Jo Anne Mlynski, 0628, Typing Clerk II ......................... N $3,360
2. Florence P. Tanka, 0627, Typing Clerk III ..................... N 4,050
3. Rose N. Turicchi, 0626, Secretary (Stenographic) ............ N 5,250

**Total, Administration** .................................. $12,660

#### Architecture and Art

**Account Number 70-15-10**

1. Vivian F. Miller, 0645, Clerk-Typist II ......................... N $3,480
2. Helen Harron, 0630, Clerk-Typist III .......................... N 4,320

**Total, Architecture and Art** ................................ $7,800

#### General Engineering

**Account Number 70-15-20**

1. Margaret Shanahan, 0631, Clerk-Stenographer II ............. N $4,080

**Total, General Engineering** ................................ $4,080

#### Physics

**Account Number 70-15-25**

1. Otto V. Vitello, 0632, Laboratory Assistant III ........... N $5,340
2. Jean H. Yamate, 0633, Clerk-Stenographer III .............. N 4,500

**Total, Physics** ........................................ $9,840

#### Shop Laboratories

**Account Number 70-15-30**

1. .........................., 0637, Clerk-Stenographer II ........ N $3,600
2. .........................., 0673, Junior Laboratory Mechanic .... N 4,480
3. Matthew Wisnewski, 0634, Senior Laboratory Mechanic ... N 5,251
4. Eugene N. Feller, 0635, Junior Foundry Molder ............ N 4,897

**Total, Shop Laboratories** ................................ $18,228

### Commerce and Business Administration

**Account Number 70-20-05**

1. Patricia J. McMillan, 0639, Clerk-Typist II ................. N $3,750
2. Lois L. Thompson, 0638, Secretary (Stenographic) .......... N 4,920

**Total, Commerce and Business Administration** ............. $8,670

### Physical Education

**Account Number 70-20-10**

1. Frank W. Winters, 0641, Men's Locker Room Attendant .... N $4,410
2. Charlye B. Williams, 0642, Women's Locker Room Attendant .... N 3,210
3. C. J. Oleszkiewicz, 0640, Chief Clerk .................. ZN88 4,860
   (Total Salary) ........................................ (5,460)
4. Helen M. Weiss, 0643, Typing Clerk II ............. N 3,180
   Total, Physical Education .................. $18,990

**Auxiliary — Student Athletic Activities**

Account Number 75-15-10
1. C. J. Oleszkiewicz, 0640, Chief Clerk .................. ZN12 $600
   (Total Salary) ........................................ (5,460)
   Total, Auxiliary — Student Athletic Activities ........ $600

**ARMED FORCES**

Account Number 70-20-20
1. Flora Costea, 0646, Clerk-Typist II ............. N 3,630
   Total, Armed Forces ................................. $3,630

**LIBRARY**

Account Number 70-20-30
1. Joanne C. Andrulis, 0650, Library Clerk II ........... N 3,360
2. Ardie M. Grady, 0653, Library Clerk II ............. 3,420
3. Bonita M. McAllister, 0658, Library Clerk II ........ 3,390
4. Mary L. Morris, 0659, Library Clerk II ............. 3,330
5. Shao Hsue Lin, 0660, Library Clerk III ............... 3,960
6. Mary Lou Rafael, 0656, Library Clerk III .......... 3,730
7. Ernest D. Sims, Jr., 0655, Library Clerk III ....... 3,720
8. Murielle Smith, 5207, Library Clerk III ............. 3,600
9. Gladys R. Spargo, 0659, Library Clerk III ........... 3,720
10. Phedora Prescott, 0648, Chief Library Clerk ......... 4,280
11. Aileen Montgomery, 7338, Typing Clerk II ........... 3,360
12. Genevieve Voletta, 0686, Clerk-Typist II ............. 3,390
13. Geraldine Glover, 0657, Clerk-Typist III ........... 4,110
14. Emily C. Wilson, 0652, Clerk-Typist III ............. 3,660
15. Frances M. Stiritz, 0647, Secretary (Stenographic) .... 5,390
   Total, Library ......................................... $56,520

**PHYSICAL PLANT**

**Administration**

Account Number 70-25-02
1. Caroline Martin, 0686, Clerk II ........................ ZN88 $3,180
   (Total Salary) ........................................ (3,600)
2. Janet L. Dehler, 0668, Clerk-Stenographer II ........ N 3,630
3. Dora H. Wrobel, 0665, Clerk-Stenographer III ......... 3,390
4. Robert L. Zander, 0661, Superintendent of Buildings and
   Grounds .................................................. 11,700
   Total, Administration ................................. $23,310

**Building Operation**

Account Number 70-25-04
1. Joseph J. Ehrlicher, 0670, Assistant Superintendent of
   Buildings and Grounds .................. N $7,800
   Total, Building Operation .................... $7,800

**Building Maintenance**

Account Number 70-25-08
1. Meyer I. Serlin, 0680, Storekeeper ..................... N 4,620
2. Ned R. Lohan, 0679, Routing Supervisor ................ 6,900
3. Ronald H. Laycock, 0678, Supervisor of Building Crafts-
   men ......................................................... 9,471
   Total, Building Maintenance ...................... $20,991
## Telephone Service

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<th>Position</th>
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## Auxiliary Enterprises

### Food Service

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<td>75-15-05</td>
<td>Jenny E. Carson</td>
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<td>Margaret D. Johnson</td>
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<td>Viola Walberg</td>
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The September meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, September 16, 1959, beginning at 2:30 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Dr. Donald J. Caseley, Associate Dean of the College of Medicine and Medical Director of the Research and Educational Hospitals, Dr. Orville S. Walters, Director of Health Services, Mr. C. S. Havens, Director of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Joseph S. Begando, Assistant to the President, Professor Norman A. Parker, Chairman of the Building Program Committee, Mr. Donald E. Dickason, Director of Nonacademic Personnel, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on May 16, 1959, press proof copies of which have previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 403 to 431, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>RALPH KREAMER BROOKS</td>
<td>Dubuque, Iowa</td>
<td>Iowa</td>
</tr>
<tr>
<td>WALTER ORVILLE HARRIS</td>
<td>Chicago</td>
<td>Michigan</td>
</tr>
<tr>
<td>ALFRED LEO HUNT</td>
<td>Elmhurst</td>
<td>Minnesota</td>
</tr>
<tr>
<td>ARTHUR JAMES LAUGHLIN</td>
<td>University City, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>THOMAS EDWARD PURKY</td>
<td>Lake Forest</td>
<td>Indiana</td>
</tr>
<tr>
<td>GILBERT RAFF</td>
<td>Nutley, New Jersey</td>
<td>New Jersey</td>
</tr>
<tr>
<td>RONALD RANDALL RICE</td>
<td>Holland</td>
<td>Texas</td>
</tr>
</tbody>
</table>

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1959, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943 as amended:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEORGE JAMES ACTON</td>
<td>Elk Grove Village</td>
</tr>
<tr>
<td>DONALD WALTER ADAMS</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>ROBERT WALTER AHGLERM</td>
<td>Elmhurst</td>
</tr>
<tr>
<td>JOSEPH DANIEL AMENT</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>JAY WESLEY ANDERSON</td>
<td>(Berwyn)</td>
</tr>
<tr>
<td>RICHARD EUGENE ANDERSON</td>
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</tr>
<tr>
<td>JOHN JAMES ARGOUTBELIS</td>
<td>(Lockport)</td>
</tr>
<tr>
<td>LAWRENCE JAMES BALDWIN</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>VICTOR HUGH BARKER</td>
<td>(Peoria)</td>
</tr>
<tr>
<td>WILLIAM BERNARD BARNET</td>
<td>(Charleston)</td>
</tr>
<tr>
<td>ALBERT FRANCIS BERGSCHEIDER</td>
<td>(Ashland)</td>
</tr>
<tr>
<td>PAUL WILSON BISHOP</td>
<td>(Park Forest)</td>
</tr>
<tr>
<td>ROBERT LEE BLACK, JR.</td>
<td>(Peoria)</td>
</tr>
<tr>
<td>KEITH VON BLACKSTONE</td>
<td>(Oak Lawn)</td>
</tr>
<tr>
<td>ROBERT GREGORY BLODGETT</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>NEIL GARY BLUM</td>
<td>(Chicago)</td>
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<tr>
<td>DAVID EUGENE BODELL</td>
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<tr>
<td>JOHN RICHARD BUTLER</td>
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<td>ROBERT MICHAEL CALLER</td>
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<td>RODGER WAYNE CALLIHAN</td>
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<td>LEO ALAN CROTTY</td>
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<td>EDWARD HERRICK CULVER, JR.</td>
<td>(Springfield)</td>
</tr>
<tr>
<td>EARL EUGENE CUNION</td>
<td>(Hazelcrest)</td>
</tr>
<tr>
<td>NORMAN WILLIAM CUSICK</td>
<td>(Champaign)</td>
</tr>
<tr>
<td>LYLE MARION DAHLHURST</td>
<td>(Lombard)</td>
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<tr>
<td>JAMES ROBERT DEPAUCU</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>MARILYN ANNE DERWENT</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>NANCY ANN Mc MILLAN DESMOND</td>
<td>(Urbana)</td>
</tr>
<tr>
<td>JOHN KARL DICKASON</td>
<td>(Champaign)</td>
</tr>
<tr>
<td>VANCE HOVET DILLINGHAM</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>CHARLES NORMAN DOLD</td>
<td>(Wilmette)</td>
</tr>
<tr>
<td>THOMAS ANTHONY DOWD</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>RICHARD AILYN DUNN</td>
<td>(Devanston)</td>
</tr>
<tr>
<td>JOHN WILLIAM DUNSKY</td>
<td>(Zion)</td>
</tr>
<tr>
<td>ROBERT EMMET DUNWORTH</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>GERALD TED EISENSTEIN</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>NORMAN DARCY EMERICH</td>
<td>(Belleville)</td>
</tr>
<tr>
<td>GERALD FEITLER</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>PHILIP EUGENE FESS</td>
<td>(Urbana)</td>
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<tr>
<td>RICHARD PATRICK FINNEGAN</td>
<td>(Chicago)</td>
</tr>
<tr>
<td>MICHAEL EDWARD FOX</td>
<td>(Chicago)</td>
</tr>
</tbody>
</table>
Thomas Roland Franklin (Elmwood Park)

Robert John Fuchs (Chicago)

James Philip Geimer (Chicago)

Joseph Albert Emile Gervais (Chicago)

Abraham Goldstein (Chicago)

Charles Michael Goodman (Chicago)

Robert Burton Gordon (Moline)

John Francis Gorman (Chicago)

Jerald Dale Grande (Park Forest)

Marvin Greene (Chicago)

John Joseph Griffin (Chicago)

Robert Michael Grotz (Chicago)

Richard Louis Guarand (Libertyville)

Marshall Lester Hammersley (Chicago)

Theodore Edgar Hanson (Evanston)

Herbert Macklyn Harris (Chicago)

John Peter Hartmann (Chicago)

David Joseph Hearne, Jr. (Riverdale)

Milford Nathaniel Hedberg, Jr. (Chicago)

William Clark Hedden (Chicago)

Raymond John Heiderscheidt (Brookfield)

Herbert Allan Heller (Skokie)

George Hellmann, Jr. (Chicago)

Douglas Paul Herr (Evanston)

Robert Lewis Hines (Villa Park)

William Henry Hinton (Chicago)

Donald Robert Houk (Scott Air Force Base)

James Akiu Ito (Chicago)

James Conrad Jacobsen (Libertyville)

Harold William Jasper (Champaign)

Vernon Arthur Johnson (Chicago)

Theodore Eugene Jordan (Normal)

Russell Henry Juhe (Arlington Heights)

Melyn Richard Kalas (Chicago)

Solomon Messiah Kamm (Chicago)

Robert Aaron Kennedy (Evanston)

Joseph Allen Kibort (Chicago)

Harold Thomas Killgore (LaGrange)

Joseph Charles Klaicynski (Chicago)

Sherwin Klassman (Chicago)

Merrill Dean Kniesper (Park Forest)

Edward Paul Knoll (Chicago)

Paul Kole (Chicago)

Arthur Sidney Kraus (Chicago)

Michael Jay Kuhn (Chicago)

Ronald Elmer Kurz (Elmhurst)

Robert Lee Lawrence (Chicago)

Burton Jay Leander (Chicago)

Kenneth Sherman Levin (Chicago)

Joseph Rubin Lowenstein (Chicago)

Michael Levy Lowenthal (Chicago)

Manuel Lubelfeld (Chicago)

Philmore Lurie (Chicago)

Gerald Maurice Marks (Chicago)

William Joseph Martin (Dolton)

Siegfried Marguerite Maynard (Chicago)

Nathan Leroy McClure (Chicago)

J. Kent McHose (LaGrange)

Raymond Charles Meying (Chicago)

Esther Gertrude Migdal (Chicago)

Girard George Miller (Chicago)

Robert Sheldon Moe (Villa Park)

Daniel Francis Mulligan (Oak Park)

William Emil Naegel (Chicago)

Robert Manley Naiman (Chicago)

Michael Anthony Kenji Nakamura (Chicago)

John Clifford Nelson (Rockford)

Roger Paul Norderoek (Evanston)

James C. Oehring (Park Ridge)

Ray Harris Oleson (Rockford)

Ronald Leonard Orehek (Chicago)

John Carl Orteberg (Rockford)

Arnold Julius Ounapu (North Chicago)

William Harvey Owens (Evanston)

Alfred Otto Paulus (Chicago)

James Loren Pence (Champaign)

Nels Leo Pierson (Chicago)

Harold George Poindexter (Champaign)

Franklin Thomas Popelka (Chicago)

Morton Sumner Postelnek (Chicago)

Harry George Powell (Westchester)

James Bye Pringle (Chicago)

Leslie Philip Prezant (Chicago)

Ted Morris Rabun (Champaign)

Arlan Miles Raul (Chicago)

Richard Carl Raupp (Decatur)

Stuart Wayne Richardson (Park Forest)

Louis Edward Rosen (Chicago)

Burton Rottman (Chicago)

Edward Andrew Rozekta (Cicero)

Norman Rubens (Chicago)

Donald John Ryan (Chicago)

Eugene Edward Ryan (Oak Park)

Richard Joseph Ryan (Peoria)

Dennis Joseph Santini (Evergreen Park)

Stewart Schencker (Chicago)

Harold Schy (Skokie)

Richard Edward Shea (Glencoe)

Robert Stuart Silver (Chicago)

Zigmund Joseph Sliazas (Chicago)

Dean Allen Smith (Oak Park)

George Leroy Sorenson (Rockford)

Robert Frank Stedronskey (Elk Grove Village)

Jack Marvin Stern (Chicago)

Leroy Louis Sterrenberg (Chicago)

Kenneth Glen Strom (LaGrange Park)

Frederick William Stuckwisch (Harvey)

Walter Bernard Sugar (Chicago)

Sanford Edward Takiiff (Chicago)

Wilbert Arthur Thiel (Chicago)

Dean Edward Thom (Decatur)

John Leonard Thomas (Park Forest)
HEADSHIP OF DEPARTMENT OF SOCIOLOGY

(2) The Dean of the College of Liberal Arts and Sciences recommended the appointment of Dr. Louis Schneider, presently Professor of Sociology at Purdue University, as Professor of Sociology on indefinite tenure and as Head of the Department beginning March 1, 1960, at an annual salary rate of $15,000 on "A" basis. Dr. Schneider is presently on leave of absence from Purdue, having accepted an appointment as Visiting Professor of Sociology at Dartmouth College for the academic year 1959-60, but Dartmouth is willing to release him from this assignment at the end of its second quarter in March. Professor Schneider was unanimously recommended for this appointment by a special search committee which conducted an exhaustive study of the qualifications of a long list of candidates over a period of several months. Members of the Department of professorial rank were subsequently consulted as required by the University Statutes. The Vice-President and Provost and the Dean of the Graduate College join in the recommendation of this appointment.

The Department of Sociology has voted in favor of a change in departmental organization from the present organization under a chairman to a department organized with a head. The Dean of the College of Liberal Arts and Sciences recommends this change effective as of March 1, 1960, and that Professor J. E. Hulett be reappointed Chairman for the period September 1, 1959, to March 1, 1960. Professor Hulett, who has served as Chairman since 1953, asked to be relieved of the chairmanship at the end of the academic year 1958-59, but he is willing to continue serving as Chairman for the interim period indicated. He will be on sabbatical leave during the second semester.

I have approved the appointment of Professor Schneider and request confirmation of my action. I also concur in the recommendation for the change in departmental organization.

On motion of Mr. Swain, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(3) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Jack Lawrence Albright, Assistant Professor of Dairy Husbandry, beginning September 1, 1959, at an annual salary of $7,350 (BY).
2. James E. Ambrose, Assistant Professor of Architecture, beginning September 1, 1959, at an annual salary of $7,000 (B).
3. Kurt E. M. Baier, Visiting Professor of Philosophy, for the second semester of 1959-60, at a salary of $4,800 (D).
4. Gertrude LeAnn Borchers, Assistant Professor of Home Economics, beginning September 1, 1959, at an annual salary of $7,350 (DY).
5. Harrington C. Brearley, Jr., Research Assistant Professor in the Digital Computer Laboratory and in the Department of Electrical Engineering, beginning September 1, 1959, at an annual salary of $10,400 (BY).
6. Keith Oliver Campbell, Visiting Professor of Agricultural Economics, on one-half time, for the first semester of 1959-60, at a salary of $3,500 (G50). 
7. Zane B. Carothers, Assistant Professor of Botany, beginning September 1, 1959, at an annual salary of $6,000 (B).
8. Gerhard John Christenson, Assistant Professor of Agricultural Extension and Assistant State Leader of Farm Advisers in County Farm Extension, beginning September 1, 1959, at an annual salary of $9,000 (DY).
9. Dominick A. Covello, Assistant Professor of Chemistry, in the College of Pharmacy, beginning November 1, 1959, at an annual salary of $7,000 (D).  
10. Richard E. Drucker, Assistant Professor of Physical Chemistry, beginning September 1, 1959, at an annual salary of $6,200 (D).  
11. Amiel Feinstein, Assistant Professor of Mathematics, beginning February 1, 1960, at an annual salary of $7,000 (B); superseding appointment.  
12. Lawrence A. Fisher, Associate Director of Research in Medical Education, in the College of Medicine, and Associate Professor of Education, in the College of Education, beginning September 24, 1959, at an annual rate of $12,750 (BY).  
13. Raymond W. Frankmann, Jr., Assistant Professor of Psychology, beginning September 1, 1959, at an annual salary of $6,600 (B).  
14. Brian Hackett, Visiting Professor of Landscape Architecture, in the Department of City Planning and Landscape Architecture, beginning March 1, 1960, and continuing to February 28, 1962, at an annual salary of $11,000 (G).  
15. Roger F. Harrington, Visiting Associate Professor of Electrical Engineering, on one-half time, for the academic year 1959-60, at a salary of $4,000 (E50).  
16. Nelson H. Harris, Visiting Professor of Education, for the academic year 1959-60, at a salary of $6,000 (E).  
17. Irving Holland, Associate Professor of Forest Economics, in the Department of Forestry, beginning September 1, 1959, at an annual salary of $10,000 (BY).  
18. Harry Lustig, Visiting Research Assistant Professor of Physics, on one-half time, beginning September 16, 1959, at an annual salary of $4,500 (E50).  
19. James J. Jambor, Assistant Professor of Dermatology, beginning September 1, 1959, at an annual salary of $9,940 (DY).  
20. Robert D. Katz, Assistant Professor of City Planning, in the Department of City Planning and Landscape Architecture and in the Bureau of Community Planning, beginning September 1, 1959, at an annual salary of $7,750 (BY).  
21. Scott Keyes, Associate Professor of Regional Planning, in the Bureau of Community Planning and in the Department of City Planning and Landscape Architecture, beginning September 1, 1959, at an annual salary of $10,800 (AY).  
22. James Clarence Laverty, Assistant Professor of Agronomy, beginning September 1, 1959, at an annual salary of $7,350 (BY).  
23. Edgar Lüscher, Research Assistant Professor in the Coordinated Science Laboratory and in the Department of Physics, beginning October 1, 1959, at an annual salary of $9,000 (DY).  
24. John Fairbanks Lyten, Assistant Professor of English, beginning September 1, 1959, at an annual salary of $6,300 (B).  
25. Kenneth R. Mangan, Associate Professor in the Institute for Research on Exceptional Children, beginning September 1, 1959, at an annual salary of $8,500 (D).  
26. Clyde Manwell, Assistant Professor of Physiology, beginning September 1, 1959, at an annual salary of $7,200 (B).  
27. Gerald S. Maryanov, Assistant Professor of Political Science, beginning September 1, 1959, at an annual salary of $6,000 (D).  
28. Lawrence John McCaffrey, Assistant Professor of History, beginning September 1, 1959, at an annual salary of $6,500 (B).  
29. Robert A. Munger, Assistant Professor of Medical Social Work, in the College of Medicine, on one-half time, beginning September 1, 1959, at an annual salary of $3,825 (DY50).  
30. Arthur George Nikelly, Clinical Psychologist and Assistant Professor of Hygiene in the Health Service, beginning September 1, 1959, at an annual salary of $7,500 (DY).  
31. Manfred J. Raether, Research Assistant Professor in the Coordinated Science Laboratory and in the Department of Physics, beginning September 1, 1959, at an annual salary of $9,000 (DY).  
32. Lloyd Warren Ravlin, Psychiatrist and Assistant Professor of Hygiene in the Health Service, beginning September 1, 1959, at an annual salary of $14,000 (DY).  
33. William Abbott Rice, Visiting Associate Professor of Geology, in the Division of General Studies, beginning September 1, 1959, at an annual salary of $8,000 (D).
34. MIODRAG RISTIC, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, beginning October 1, 1959, at an annual salary of $13,000 (AY).

35. DONALD MERLE ROBERTS, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of $6,500 (B).

36. CALVIN O. SCHRAG, Visiting Assistant Professor of Philosophy, for the first semester of 1959-60, at a salary of $4,200 (G).

37. MORRIS SIEGEL, Visiting Professor of Anthropology, for ten months from September 1, 1959, at a salary of $9,000 (G).

38. ARTHUR REEDER SINSABAUGH, Assistant Professor of Art, beginning September 1, 1959, at an annual salary of $7,000 (B).

39. WILBUR J. THOM, Acting Auditor in the Business Office, beginning September 1, 1959, at an annual salary of $10,500 (DY).

40. BRINLEY THOMAS, George A. Miller Professor of Economics, for the second semester of 1959-60, at a salary of $8,000 (E).

41. JAN B. THOMAS, Visiting Professor of Botany, beginning September 1, 1959, at an annual salary of $14,000 (DY).

42. ANNE ELIZABETH VAN DYKE, Assistant Professor of Hygiene and Physician to McKinley Hospital and the Health Center, beginning September 1, 1959, at an annual salary of $12,000 (DY).

43. FREDERICK W. WHITESIDE, Jr., Visiting Professor of Law, beginning September 1, 1959, at an annual salary of $12,500 (D).

44. LOUIS C. ZAHNER, Visiting Professor at University High School, for four and one-half months from February 1, 1960, at a salary of $5,000 (E).

On motion of Mr. Swain, these appointments were confirmed.

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1959-60

(4) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1959, unless otherwise indicated, and request that the President of the University be authorized to make such additional appointments and other changes, and to accept resignations, as are desirable and necessary.

Appointments of Professors and Associate Professors are on indefinite tenure; all others are for one year from September 1, 1959, unless otherwise stated.

Summary

<table>
<thead>
<tr>
<th>Department</th>
<th>1958-59</th>
<th>1959-60</th>
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<tbody>
<tr>
<td>Anatomy</td>
<td>5</td>
<td>8</td>
</tr>
<tr>
<td>Biological Chemistry</td>
<td>5</td>
<td>6</td>
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<tr>
<td>Clinical Science</td>
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<td>6</td>
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<tr>
<td>Dermatology</td>
<td>22 (2)</td>
<td>24 (2)</td>
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<tr>
<td>Medical Social Work</td>
<td>1</td>
<td>4</td>
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<tr>
<td>Medicine</td>
<td>270 (20)</td>
<td>264 (19)</td>
</tr>
<tr>
<td>Microbiology</td>
<td>2</td>
<td>3</td>
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<tr>
<td>Neurology and Neurological Surgery</td>
<td>12</td>
<td>17</td>
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<tr>
<td>Obstetrics and Gynecology</td>
<td>89 (3)</td>
<td>94 (3)</td>
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<tr>
<td>Ophthalmology</td>
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<tr>
<td>Orthopaedic Surgery</td>
<td>26 (1)</td>
<td>30 (1)</td>
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<tr>
<td>Otolaryngology</td>
<td>68 (6)</td>
<td>67 (6)</td>
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<tr>
<td>Pathology</td>
<td>33 (1)</td>
<td>35 (1)</td>
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<tr>
<td>Pediatrics</td>
<td>62 (5)</td>
<td>62 (4)</td>
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<td>Pharmacology</td>
<td>4 (1)</td>
<td>2</td>
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<td>Physical Medicine and Rehabilitation</td>
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<tr>
<td>Physiology</td>
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<td>4</td>
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<tr>
<td>Preventive Medicine</td>
<td>3 (1)</td>
<td>5 (1)</td>
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<tr>
<td>Psychiatry</td>
<td>90 (4)</td>
<td>108 (3)</td>
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<tr>
<td>Public Health</td>
<td>6</td>
<td>7</td>
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<tr>
<td>Radiology</td>
<td>21</td>
<td>22</td>
</tr>
<tr>
<td>Surgery (including Urology and Anesthesiology)</td>
<td>189 (13)</td>
<td>207 (12)</td>
</tr>
<tr>
<td>Total</td>
<td>985 (59)</td>
<td>1047 (54)</td>
</tr>
</tbody>
</table>

* The figures in parentheses indicate the number of emeritus members.
Anatomy

Gustav Zechel, Clinical Associate Professor
Philip A. Caseala, Clinical Assistant Professor
Arthur F. Cipolla, Clinical Assistant Professor
Lawrence G. Kedero, Clinical Assistant Professor
Frank A. Vicari, Clinical Assistant Professor
H. Paul Carstens, Research Associate
Arthur T. Haebich, Research Associate
Faith W. Lavalle, Research Associate

Biological Chemistry

Max K. Horwitt, Associate Professor
Steward B. Bonting, Assistant Professor
Howard H. Sky-Peck, Assistant Professor
Gordon S. Stewart, Clinical Assistant Professor
Irving Lyon, Assistant Professor
Abraham S. Markovitz, Assistant Professor

Clinical Science

Kao Hwang, Assistant Professor
Carl A. Johnson, Assistant Professor
Tsung-Min Lin, Assistant Professor
E. Rhoda Grant, Research Associate
George E. Park, Research Associate
Daniel S. Stevens, Research Associate

Dermatology

Michael H. Ebert, Clinical Professor (Rush), Emeritus
James H. Mitchell, Clinical Professor (Rush), Emeritus
Leonard F. Weber, Clinical Professor
Clark W. Finnerud, Clinical Associate Professor (Rush)
Irene Neuhauers, Clinical Associate Professor
Albert H. Slepyan, Clinical Associate Professor
Sidney Barsky, Clinical Assistant Professor
Samuel W. Becker, Jr., Clinical Assistant Professor
Alfred B. Falk, Clinical Assistant Professor
Paul R. Griffiths, Clinical Assistant Professor
John B. Haebelin, Jr., Clinical Associate Professor
Milton Robin, Clinical Associate Professor
Louis Rubin, Clinical Assistant Professor
Francis W. Hetreed, Clinical Associate
Stefan Bielinski, Clinical Instructor
Allen S. Pearl, Jr., Clinical Instructor
Harold M. Spinka, Clinical Instructor
Bernard Yaffe, Clinical Instructor
Otto C. Stegmaier, Research Associate
Betsy B. Brennan, Assistant (one year from July 1, 1959)
Jack M. Fox, Assistant
Martin L. Gecht, Clinical Assistant
Robert H. Harding, Clinical Assistant
Roland S. Medansky, Assistant (one year from July 1, 1959)

Medical Social Work

Josephine G. Taylor, Assistant Professor

The designation (Rush) in a title is used to identify former members of the Rush Medical College faculty who were taken over by the University in 1941 as part of the affiliation with the Presbyterian Hospital by authority of the Board of Trustees.

1 Also Resident at Research and Educational Hospitals.
2 Also Resident at Presbyterian-St. Luke's Hospital.
3 Also Resident at Research and Educational Hospitals assigned to Illinois Institute of Juvenile Research.
Cordelia D. Derricote, Instructor
Theophile F. Lavizzo, Instructor
Jean Y. Serikaku, Instructor

Medicine

Walter C. Alvarez, Lecturer with rank of Professor, Emeritus
Aaron Arkin, Clinical Professor (Rush), Emeritus
Morris Fishbein, Lecturer with rank of Professor (Rush), Emeritus
Ellis B. Frelich, Clinical Professor, Emeritus
William G. Hibbs, Clinical Professor (Rush), Emeritus
Wilber E. Post, Clinical Professor (Rush), Emeritus
Sidney Strauss, Clinical Professor, Emeritus
William A. Thomas, Clinical Professor (Rush), Emeritus
Albert Van DerKloot, Clinical Professor, Emeritus
S. Howard Armstrong, Jr., Professor
James A. Campbell, Professor
James B. Everly, Clinical Professor (Rush)
William S. Hoffman, Lecturer with rank of Professor
Frank B. Kelly, Clinical Professor (Rush)
Harold C. Lueth, Clinical Professor
Karl H. Pfuetze, Clinical Professor
Ben Z. Rappaport, Clinical Professor
LeRoy H. Sloan, Clinical Professor
Benjamin Goldberg, Clinical Associate Professor, Emeritus
Alva A. Knight, Clinical Associate Professor (Rush), Emeritus
Frank B. Lusk, Clinical Associate Professor, Emeritus
Samuel Perlstein, Clinical Associate Professor, Emeritus
Howard M. Sheaff, Clinical Associate Professor (Rush), Emeritus
Melvin L. Afremow, Clinical Associate Professor
Evans M. Barton, Clinical Associate Professor (Rush)
Arthur Bernstein, Clinical Associate Professor
Richard B. Capps, Clinical Associate Professor
Louis Feldman, Clinical Associate Professor
Jacob W. Fischer, Clinical Associate Professor
Murray Franklin, Clinical Associate Professor
John S. Graettinger, Associate Professor
Earle Gray, Clinical Associate Professor (Rush)
Edwin N. Irons, Clinical Associate Professor
Roy J. Korn, Clinical Associate Professor
Robert O. Levitt, Clinical Associate Professor
Meyer R. Lichtenstein, Clinical Associate Professor
Armand Littman, Clinical Associate Professor
Clayton J. Lundy, Clinical Associate Professor (Rush)
J. Charles McMillan, Jr., Clinical Associate Professor
Milton M. Mosko, Clinical Associate Professor
Oglesby Paul, Clinical Associate Professor
Isadore Pilot, Clinical Associate Professor
Samuel H. Rosenblum, Clinical Associate Professor
William Saphir, Clinical Associate Professor
James A. Schoenberger, Clinical Associate Professor
Theodore B. Schwartz, Associate Professor
Mitchell A. Spellberg, Clinical Associate Professor
Irving E. Steck, Clinical Associate Professor
George W. Stuppy, Clinical Associate Professor (Rush)
Eugene F. Traut, Clinical Associate Professor (Rush)
Ralph W. Trimmer, Clinical Associate Professor (Rush)
Frank E. Trobaugh, Jr., Associate Professor
Howard Wakefield, Clinical Associate Professor
Willard L. Wood, Clinical Associate Professor (Rush)
Leo E. Amtman, Clinical Assistant Professor, Emeritus
John A. Gardiner, Clinical Assistant Professor (Rush), Emeritus
Benjamin H. Hilkevitch, Clinical Assistant Professor (Rush), Emeritus
Osmund H. Akre, Clinical Assistant Professor
CARL F. BAUMEISTER, Clinical Assistant Professor
PAUL L. BEDINGER, Clinical Assistant Professor
MAX BERN, Clinical Assistant Professor
LIONEL M. BERNSTEIN, Clinical Assistant Professor
GEORGE H. BERRYMAN, Clinical Assistant Professor
HERBERT C. BREUHHAUS, Clinical Assistant Professor (Rush)
DAVID BROMSKY, Clinical Assistant Professor
RALPH G. BROWN, Clinical Assistant Professor
GEORGE V. BYFIELD, Clinical Assistant Professor
MELVIN M. CHERTACK, Clinical Assistant Professor
THOMAS J. COGAN, Clinical Assistant Professor
ANGELO P. CRETIOS, Clinical Assistant Professor
THEODORE R. DAKIN, Clinical Assistant Professor
HUGO O. DEUSS, Lecturer with rank of Assistant Professor
NORMAN J. EHRlich, Clinical Assistant Professor
SANFORD A. FRANZELAU, Clinical Assistant Professor
ROLF M. GUNNAR, Clinical Assistant Professor (fourteen months from July 1, 1959)
AARON GUNTHER, Clinical Assistant Professor
BUFFORD HALL, Clinical Assistant Professor
WILLIAM J. HAND, Clinical Assistant Professor
PAUL HELLER, Clinical Assistant Professor
HARRY L. HUNTER, Clinical Assistant Professor
ERVIN KAPLAN, Clinical Assistant Professor
ROLAND L. KESLER, Clinical Assistant Professor (Rush)
JANET R. KINNEY, Clinical Assistant Professor
SHELDON E. KRASNOW, Clinical Assistant Professor
GRANT H. LAING, Clinical Assistant Professor
CHARLES H. LAWRENCE, Clinical Assistant Professor
HERMAN A. LEVY, Clinical Assistant Professor
JEROME S. MEHLMAN, Clinical Assistant Professor
JOSEPH J. Muenster, Jr., Assistant Professor
JOHN R. NECHILES, Clinical Assistant Professor
BERTRAM G. NELSON, Clinical Assistant Professor (Rush)
LAWRENCE PERLMAN, Clinical Assistant Professor
VICTOR E. POLLAK, Research Assistant Professor
THEODORE Z. POLLEY, Clinical Assistant Professor
JOHN Post, Clinical Assistant Professor (Rush)
OLRICH PREC, Lecturer with rank of Assistant Professor
MARGORIE M. PYLE, Clinical Assistant Professor
PAUL RAVENNA, Clinical Assistant Professor
ALFRED H. ROSENBLUM, Clinical Assistant Professor
ANTHONY R. SAPINENZA, Clinical Assistant Professor
ARMIN F. SCHICK, Clinical Assistant Professor (Rush)
HAROLD SCHOLLMAN, Clinical Associate (on leave of absence)
IRVIN S. SIGLIN, Clinical Assistant Professor (on leave of absence)
ELIZABETH K. STRAUSS, Lecturer with rank of Assistant Professor (Rush)
GRAHAM A. VANCE, Clinical Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
EDWARD O. WILLOUGHBY, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
HARRY J. YELLEN, Clinical Assistant Professor
SIMON ZEVIN, Clinical Assistant Professor
EUGENE GROSZ, Clinical Associate, Emeritus
J. LISLE WILLIAMS, Associate, Emeritus
THOMAS A. BARD, Clinical Associate (Rush)
GEORGE P. BALLARD, Clinical Associate
ROBERT J. BECKER, Clinical Associate
ALVIN M. BRIEY, Jr., Clinical Associate
BENJAMIN W. FOX, Clinical Associate
DONALD T. FOXWORTHY, Clinical Associate
RAYMOND M. GALT, Clinical Associate
MORTON A. GOLDMANN, Clinical Associate
LUKE J. GRIMELLI, Clinical Associate
CARL A. HEDBLOM, Jr., Clinical Associate
ROBERT N. HEDGES, Clinical Associate
WALTER F. HOEFPNER, Clinical Associate
BENJAMIN M. KAPLAN, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
BRUCE D. LEE, Clinical Associate
AUDLEY R. MAMBY, Clinical Associate
ENNIO MANDEMA, Research Associate (one year from July 1, 1959)
LESTER A. NALEFSKI, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
ROBERT M. POSKE, Clinical Associate
HELEN L. RHETTA, Clinical Associate
RIGBY C. ROSKELLEY, Clinical Associate
RALPH A. SCALA, Clinical Associate
IRA L. SCHNAER, Clinical Associate
MAURICE M. ALBALA, Clinical Instructor
C. CLYDE ANDERSON, Instructor (one year from July 1, 1959)'
BERTHE E. ARMSTRONG, Clinical Instructor
MARY B. BACKER, Instructor (one year from July 1, 1959)'
DAVID BALDWIN, Clinical Instructor
RAY F. BEERS, Jr., Clinical Instructor
HERBERT E. BESSENGER, Clinical Instructor
WILLIAM E. BRETZ, Clinical Instructor
ROBERT W. CARTON, Clinical Instructor
JOHN L. CIRZAN, Clinical Instructor
JOSEPH A. COHEN, Clinical Instructor
G. WILLIAM COTTS, Clinical Instructor
JOSEPH A. DAVIS, Clinical Instructor
GEORGE A. DEJONG, Clinical Instructor
JOHN A. DETWEILER, Clinical Instructor
HENRY D. DEYOUNG, Clinical Instructor
MICHAEL M. DIGIULIO, Clinical Instructor
EDWARD A. DOWNS, Clinical Instructor (one year from July 1, 1959)'
PETER G. ECONOMOU, Instructor (one year from July 1, 1959)'
BERNARD D. EDIDIN, Clinical Instructor
PETER J. FARAGO, Clinical Instructor
ROBERT E. FELIX, Instructor
THOMAS J. FITZPATRICK, Clinical Instructor
GEORGE C. FLANAGAN, Instructor (one year from July 1, 1959)'
WILLIAM I. FREUD, Clinical Instructor
GERHARD FREUND, Clinical Instructor
ROBERT C. FRUIN, Clinical Instructor
RAIMONDS G. GAILITIS, Clinical Instructor
CLARENCE L. GANTT, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
CARL A. GEBUHR, Clinical Instructor
IRVING GREENSPAN, Clinical Instructor
THOMAS H. HAYES, Clinical Instructor
ROBERT N. HEDGES, Jr., Clinical Instructor
ROBERT L. HERTING, Clinical Instructor
WILLIAM H. HICHSTONE, Clinical Instructor
NATHAN J. IGLITZEN, Clinical Instructor
RODNEY A. JAMIESON, Clinical Instructor
HAROLD L. JENSEN, Clinical Instructor
LOUIS C. JOHNSTON, Clinical Instructor
FRANK W. JONES, Clinical Instructor
JOHN C. JONES, Clinical Instructor
PHILIP N. JONES, Clinical Instructor
IRENE G. KAGANITE, Clinical Instructor
ROBERT S. KASSRIEL, Clinical Instructor
FRANK B. KELLY, Jr., Clinical Instructor
THEODOSIOS E. KIOUTAS, Instructor (one year from July 1, 1959)
WALLACE W. KIRKLAND, JR., Clinical Instructor
SYDNEY KOEFMAN, Instructor
JOHN C. KULIS, Clinical Instructor
SAMUEL MATLIN, Clinical Instructor
PETER S. MAYER, Clinical Instructor
PAUL A. MEREDITH, Clinical Instructor
THOMAS MORRISON, Clinical Instructor
ROBERT C. MUEHRCKE, Instructor
JOSHUA ODEIN, JR., Clinical Instructor
LEONARD OHRINGER, Clinical Instructor
ROBERT L. PARSONS, Instructor (one year from July 1, 1959)
CHARLES P. PERLIA, Clinical Instructor
WILLIAM H. PHelan, Instructor
GLOUCESTER A. PRICE, JR., Clinical Instructor
CALVIN RADIN, Clinical Instructor
ANITA ROBBINS, Clinical Instructor
DEAN S. ROSSET, Clinical Instructor
SEYMOUR R. SALBERG, Clinical Instructor
VITOLDS R. SILINS, Instructor (one year from July 1, 1959)
WILLIAM K. SCUPHAM, Clinical Instructor
ROBERT E. SEALYTON, Clinical Instructor
LEONARD S. SLUZYNski, Clinical Instructor
M ARSHALL J. SNAPP, Clinical Instructor
WILLIAM R. TARUN, Clinical Instructor
KASriel TAUSK, Clinical Instructor
RAYMOND TEPHITZ, Clinical Instructor (fourteen months from July 1, 1959)
CHESTER B. THPIT, Clinical Instructor
ANGELO IOTO, Clinical Instructor
ALSTON C. TWISS, Clinical Instructor
CHARLES S. VIL, Clinical Instructor
EARL A. VONDRASEK, Clinical Instructor
MANFRED WEINSTEIN, Clinical Instructor (six months from July 1, 1959)
JACK WILLIAMS, Clinical Instructor
PAUL L. WINTER, Instructor (one year from July 1, 1959)
EDWARD J. WISS, Clinical Instructor
CHARLES K. WOLFE, JR., Clinical Instructor
JAMES R. ZVETINA, Clinical Instructor
WILLIAM J. ANDREWS, Clinical Assistant
FRANK O. BECKER, Assistant (one year from July 1, 1959)
SAMUEL BERGER, Clinical Assistant
WILLIAM V. BLAZEK, Assistant (one year from July 1, 1959)
EMANUEL O. BRAMS, Assistant (one year from July 1, 1959)
ERNST R. BROOKS, Clinical Assistant
DONALD R. DARLING, Clinical Assistant (fifteen months from July 1, 1959)
ROBERT L. DEVETSKE, Assistant (one year from July 1, 1959)
ALESSANDRO EMANUEL, Research Assistant (one year from July 1, 1959)
MARI P. FARRENS, Research Assistant (one year from July 1, 1959)
RICHARD P. FORH, Assistant (one year from July 1, 1959)
JEROME L. HANDLER, Clinical Assistant
DONALD H. HANSCOM, Assistant (one year from July 1, 1959)
ALEN HOFFMAN, Clinical Assistant
EDSEL K. HUSON, Assistant (one year from July 1, 1959)
MOHAMMAD INAYATULLAH, Assistant (one year from July 1, 1959)
SHELDON M. KAHN, Assistant (nine months from October 1, 1959)
THOMAS L. KEMPES, Assistant (one year from July 1, 1959)
ROGER P. KENNEDY, Assistant (one year from July 1, 1959)
NORMAN S. KRIEGER, Clinical Assistant
MEYER KUSHEE, Clinical Assistant
JORN M. LEEDOM, Assistant (one year from July 1, 1959)
EDWARD A. LICHTER, Assistant (one year from July 1, 1959)
PATRICIA A. McCREAry, Clinical Assistant
VivDus MEDENIS, Clinical Assistant
Allen D. Meyer, Research Assistant (one year from July 1, 1959)
Howard A. Mueller, Assistant (one year from July 1, 1959)
Louis M. Newton, Assistant (one year from July 1, 1959)
Ralph Pacini, Clinical Assistant
Lubin C. Penev, Clinical Assistant
Sol Pickard, Assistant (one year from July 1, 1959)
Richard E. RIESELBACH, Assistant (one year from July 1, 1959)
Roger R. Schuessler, Assistant (one year from July 1, 1959)
Jack W. Shields, Clinical Assistant
James P. Shomaker, Assistant (one year from July 1, 1959)
Harold B. Shritper, Clinical Assistant
Sheldon J. Slodki, Clinical Assistant
Solomon SOBEII, Assistant (one year from July 1, 1959)
John C. STUZMAN, Assistant (one year from July 1, 1959)
Stanley A. Uri, Assistant (one year from July 1, 1959)
Robert M. Williams, Assistant (one year from July 1, 1959)

Microbiology
George F. Forster, Lecturer with rank of Assistant Professor
Ralph H. Hubble, Lecturer with rank of Instructor
Elta W. Knoll, Assistant, Emerita

Neurology and Neurological Surgery
Loren W. Avery, Clinical Professor (Rush)
Arthur Arnold, Clinical Assistant Professor
Charles S. Textor II, Clinical Assistant Professor
A. Beaumont Johnson II, Clinical Associate
Nathan Zolt, Clinical Associate
Jean-Louis R. Riehl, Instructor (one year from July 1, 1959)
Virginia R. Sorum, Clinical Instructor
William H. Allen, Assistant
Patrick W. Elwood, Assistant
Allan E. Kagen, Assistant (one year from August 1, 1959)
Philip E. Lippe, Assistant (one year from July 1, 1959)
Ivan R. Perez, Assistant (one year from August 1, 1959)
Suat G. Piroglu, Assistant (one year from July 1, 1959)
Roy C. Selby, Jr., Assistant
Eli Tobias, Assistant (one year from July 1, 1959)
Goro Tsuchiya, Assistant (one year from July 1, 1959)
Lyle E. Wacaser, Assistant (one year from July 1, 1959)

Obstetrics and Gynecology
Edward D. Allen, Clinical Professor (Rush)
Harry Boyesen, Clinical Professor (Rush)
Eugene A. Edwards, Clinical Professor
Abraham F. Lash, Clinical Professor
James P. Fitzgibbons, Clinical Associate Professor
Arthur H. Klawans, Clinical Associate Professor (Rush)
Alfred J. Kobak, Clinical Associate Professor
Richard A. Lifvendahl, Clinical Associate Professor
Fred O. Priest, Clinical Associate Professor (Rush)
George H. Rezer, Clinical Associate Professor
Harry K. Waddington, Clinical Associate Professor
John K. Wolfe, Clinical Associate Professor
Walter C. Hammond, Clinical Assistant Professor, Emeritus
John M. Lang, Clinical Assistant Professor, Emeritus
Frank L. Stone, Clinical Assistant Professor, Emeritus
Richard H. Andrensen, Clinical Assistant Professor
Hugo C. Baum, Clinical Assistant Professor (Rush)
Sol J. Benenson, Clinical Assistant Professor
MICHAEL H. BOLEY, Clinical Assistant Professor
CLAIR M. CAREY, Clinical Assistant Professor
AUGUST F. DARO, Clinical Assistant Professor
SOL T. DELEE, Clinical Assistant Professor
CECIL C. DRAA, Clinical Assistant Professor (Rush)
DEANE M. FARLEY, Clinical Assistant Professor
WILLIAM F. GEITTMANN, Clinical Assistant Professor
ROBERT J. GLENNER, Clinical Assistant Professor
JOHN P. HARROD, Jr., Clinical Assistant Professor
CHARLES D. KRAUSE, Clinical Assistant Professor
ROCCO V. LOBRAICO, Clinical Assistant Professor
JOHN S. LONG, Clinical Assistant Professor
ARMAND J. MAUZEY, Clinical Assistant Professor
JOHN W. PAYNE, Clinical Assistant Professor
LOWELL F. PETERSON, Clinical Assistant Professor
FREDERICK J. ROOS, Clinical Assistant Professor
HERB SERED, Clinical Assistant Professor
C. OTIS SMITH, Clinical Assistant Professor
MANUEL SPIEGEL, Clinical Assistant Professor
JOSEPH B. TETON, Clinical Assistant Professor
FRANK J. WALSH, Clinical Assistant Professor
ROBERT A. BEEBE, Clinical Associate
GEORGE C. FINOLA, Clinical Associate
JOSEPH S. ANGELL, Clinical Instructor
EDMOND M. BROPHY, Instructor (one year from July 1, 1959)*
PAUL A. CAPELLE, Instructor (one year from July 1, 1959)*
CHILIANO E. CASAL, Instructor (one year from July 1, 1959)*
VINCENT S. DIGIULIO, Clinical Instructor
HARVEY A. GOLLIN, Clinical Instructor
BERNARD M. KAYE, Clinical Instructor
ALFREDO L. LARRANACA, Instructor (one year from July 1, 1959)*
VINCENT A. LAVIERI, Clinical Instructor
LAWRENCE LEVINE, Clinical Instructor
WILBUR J. MARSHALL, Instructor (one year from July 1, 1959)*
THEODORE C. MOUZAKEOTIS, Clinical Instructor
JOSEPH J. MULLEN, Clinical Instructor
EDWIN E. NYMAN, Clinical Instructor
MICHAEL P. PILL, Clinical Instructor
MEYER D. RUTGARD, Clinical Instructor
JACK A. SAMSON, Clinical Instructor
SEYMOUR SHOLDER, Clinical Instructor
PETER SPIEGEL, Instructor (one year from July 1, 1959)*
HAROLD E. SMITH, Clinical Instructor
ROBERT G. STONE, Clinical Instructor
EDGAR B. SYLVESTER, Clinical Instructor
NATHAN TOLWINSKY, Clinical Instructor
VASIL TRUCHLY, Instructor (one year from July 1, 1959)*
GEORGE P. VLASIS, Clinical Instructor
LAVERNE M. WALLHEISER, Clinical Instructor
ALVIN F. WIERMSMA, Clinical Instructor
JOHN A. AIMONE, Clinical Assistant
JOHN F. BARTELS, Clinical Assistant
JACQUELINE M. CAVERO, Assistant (one year from July 1, 1959)*
JOSEPH D. CECE, Assistant (nine months from October 1, 1959)*
DELOS E. COZAD, Clinical Assistant
ANDREW V. DAHLBERG, Clinical Assistant
DONALD M. FAHRENBACK, Clinical Assistant
EDWIN L. FALLOON, Clinical Assistant
WILLIAM A. GILLINGER, Assistant (one year from July 1, 1959)*
MARIO A. IROGOYEN, Clinical Assistant
ELMER J. JUSTEMA, Clinical Assistant
SIDNEY C. KAHN, Clinical Assistant
JOHN S. KARAMITROS, Assistant (one year from July 1, 1959)*
ANTHONY M. KENWICK, Clinical Assistant
JOHN R. KOSTELNY, Clinical Assistant
ALVIN LANGER, Assistant (one year from July 1, 1959)
ROBERT H. OBERHELMAN, Clinical Assistant
ADRIAN R. OLECK, Clinical Assistant
GEORGE PEPPER, Assistant (one year from July 1, 1959)
PHILANDER RICKS, Jr., Assistant (one year from July 1, 1959)
MARVIN A. ROSNER, Clinical Assistant
JAMES A. SINGLETON, Assistant (for one year from July 1, 1959)
NANCY C. TREADWELL, Clinical Assistant
JEAN J. VANHOUTTE, Assistant (one year from July 1, 1959)
BRUCE P. ZUMMO, Clinical Assistant

Ophthalmology

WILLIAM F. HUGHES, Clinical Professor
WILLIAM F. MONCREIFF, Clinical Professor (Rush)
EARLE B. FOWLER, Clinical Associate Professor (Rush), Emeritus
GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist, Emerita

CARL APPLE, Clinical Associate Professor
JOSEPH S. HAAS, Clinical Associate Professor
DANIEL SNYDACKER, Clinical Associate Professor
THEODORE N. ZEKMAN, Clinical Associate Professor
JAMES W. CLARK, Clinical Assistant Professor
LOUIS FEINBERG, Clinical Assistant Professor
NATHAN H. FOX, Clinical Assistant Professor
ROBERT R. HERBST, Clinical Assistant Professor
GILBERT IZER, Clinical Assistant Professor
HAROLD Q. KIRK, Clinical Assistant Professor
DAVID B. MAHER, Clinical Assistant Professor
H. ISABELLE McGARRY, Clinical Assistant Professor
G. HENRY MUNDT, Jr., Clinical Assistant Professor
EDWARD A. PUSHKIN, Clinical Assistant Professor
WILLIAM ROSENBURG, Clinical Assistant Professor
SAMUEL M. SCHALL, Clinical Assistant Professor
KARL J. SCHEIBEL, Clinical Assistant Professor (Rush)
MANUEL L. STILLEMAN, Clinical Assistant Professor
MARTIN J. URIST, Clinical Assistant Professor
WALTER L. BAYARD, Clinical Associate
ALDONA A. JUSKA, Clinical Associate
ARTHUR LIGHT, Clinical Associate
EARL H. MERZ, Clinical Associate
ROBERT MURPHY, Clinical Associate
VALDO P. OLEARI, Clinical Associate
JUDITH V. PERRY, Clinical Associate
KARL E. TICHIO, Clinical Associate
VERNON M. LEECH, Clinical Associate (Rush)
DAVID V. L. BROWN, Clinical Instructor
MICHAEL F. CARROLL, Clinical Instructor
JOHN R. CASSADY, Clinical Instructor
VIVIAN A. CATION, Clinical Instructor
WILLIAM E. DEUTSCH, Clinical Instructor
GEORGE T. FITZGERALD, Clinical Instructor
EDWARD FLICK, Clinical Instructor (one year from July 1, 1959)
MARVIN D. HENRY, Clinical Instructor
ABRAHAM SCHULTZ, Clinical Instructor
BARBARA SPIRO, Clinical Instructor
JOSEPH TATAR, Clinical Instructor
ALBERT E. TENNENBAUM, Clinical Instructor
JACK TRESLEY, Clinical Instructor
EDWIN S. WOOD, Clinical Instructor
Burtom M. Krimer, Clinical Instructor
John O. Minier, Clinical Instructor (one year from July 1, 1959)
Edward F. Brauchman, Assistant (six months from July 1, 1959)
Curtis F. Depries, Assistant (one year from July 1, 1959)
Sarnsill A. Diamond, Assistant (one year from July 1, 1959)
Sherwin A. Fox, Assistant (one year from July 1, 1959)
Lawrence N. Frazin, Assistant (one year from July 1, 1959)
Hal M. Freeman, Assistant (one year from July 1, 1959)
Homer Goldstein, Assistant (one year from July 1, 1959)
Dennis Harris, Assistant (one year from July 1, 1959)
Raymond Hechler, Assistant (one year from July 1, 1959)
Lambros Karkazis, Assistant (one year from July 1, 1959)
James Kiloh, Assistant (one year from July 1, 1959)
Charleton R. Latte, Assistant (one year from July 1, 1959)
Alex E. Krell, Assistant (one year from July 1, 1959)
Irwin Menachof, Assistant (one year from July 1, 1959)
David Miller, Assistant (one year from July 1, 1959)
William G. Niccol, Assistant (one year from July 1, 1959)
Carl F. Schmidt, Assistant (one year from July 1, 1959)
Paul J. Scemidt, Assistant (one year from July 1, 1959)
John B. Turnbull, Assistant (one year from July 1, 1959)
David C. Whitsett, Assistant (one year from July 1, 1959)
Paul S. Yocum, Assistant (one year from July 1, 1959)

Orthopaedic Surgery

Frank G. Murphy, Clinical Associate Professor, Emeritus
Carlo S. Scuderi, Clinical Associate Professor
Kurt L. Eichelbaum, Clinical Assistant Professor
Thomas D. Hall, Clinical Assistant Professor
William A. Marshall, Clinical Assistant Professor
Leo F. Miller, Clinical Assistant Professor
Donald Ross, Clinical Assistant Professor
Fred Shapiro, Clinical Assistant Professor (Rush)
Horace E. Turner, Clinical Assistant Professor
Erno B. Hidvegi, Research Associate
Tawfik T. Sabt, Research Associate
James P. Ahstrom, Clinical Instructor
Richard M. Cronin, Clinical Instructor
Charles E. Gavin, Instructor
Francis M. Howard, Clinical Instructor (on leave of absence)
Robert P. Meany, Clinical Instructor
Albert J. Novotny, Clinical Instructor
Clifford O. Nyman, Clinical Instructor
Raymond J. Pellicore, Clinical Instructor
Walter R. Petersen, Clinical Instructor
Irwin B. Rich, Clinical Instructor
Antoni Trias, Instructor
Louis S. Varzino, Clinical Instructor (Rush)
Christopher F. G. Ellis, Assistant
Robert C. Hamilton, Assistant
Brian H. Huncke, Assistant
Esther D. Mensen, Research Assistant
William F. McColl, Jr., Assistant
William Meltzer, Assistant
William H. Newman, Clinical Assistant

Otolaryngology

Daniel A. Hayden, Clinical Professor (Rush), Emeritus
Abraham R. Hollender, Professor, Emeritus
Walter H. Theobald, Clinical Professor, Emeritus
Oliver E. Van Alyea, Clinical Professor, Emeritus
SAMUEL M. MORWITZ, Clinical Associate Professor, Emeritus
RICHARD W. WATKINS, Clinical Associate Professor, Emeritus
ALBERT H. ANDREWS, Jr., Clinical Associate Professor of Bronchoesophagology
OSCAR J. BECKER, Clinical Associate Professor
WALTER W. DALITSCH, Clinical Associate Professor
STANTON A. FRIEDBERG, Clinical Associate Professor (Rush)
ROBERT HENNER, Clinical Associate Professor
KENNETH C. JOHNSTON, Clinical Associate Professor
DEAN KENNETH LEWIS, Clinical Associate Professor
GEORGE S. LIVINGSTON, Clinical Associate Professor
ROBERT B. LEWY, Clinical Associate Professor
MAURICE F. SNITMAN, Clinical Associate Professor
LINDEN J. WALLNER, Clinical Associate Professor (Rush)
HELMUT BLUMENTHAL, Clinical Assistant Professor
EDWARD L. CHAINKI, Clinical Assistant Professor
ARTHUR J. COOMBS, Clinical Assistant Professor
CLIFFORD L. DOUGHERTY, Clinical Assistant Professor
ELMER A. FRIEDMAN, Clinical Assistant Professor
LOIS D. GREENE, Clinical Assistant Professor
NORMAN LESCH, Clinical Assistant Professor
RICHARD E. MARCUS, Clinical Assistant Professor
ARTHUR L. RANKO, Clinical Assistant Professor
LEO A. SATZ, Clinical Assistant Professor
LOUISE SAVITT, Clinical Assistant Professor
FRANK WOJNIAK, Clinical Assistant Professor (Rush)
I. ERLIN BARTLETT, Clinical Associate
BRUNO BLUMKLOTZ, Clinical Associate
JOSEPH F. ORRICO, Clinical Associate
HARKISHEN S. SINGH, Clinical Associate
WILLIAM A. SMILEY, Clinical Associate
PIERCE W. THEOBALD, Clinical Associate
JOHN A. WEIDEMANN, Clinical Associate
DAVID F. AUSTIN, Clinical Instructor
ROBERT H. BORKENHAGEN, Clinical Instructor
JOSE L. FERRER, Clinical Instructor
JEANNETTE FRASIER, Clinical Instructor in Audiology
JOSEPH GYORKEY, Clinical Instructor
COLETTE JEANTET, Clinical Instructor
ANDREAS G. KODROS, Clinical Instructor
ROLAND A. KOWAL, Clinical Instructor
MILTON E. KURTH, Clinical Instructor
MARIO D. MANSUETO, Clinical Instructor
PHILLIP I. MOZER, Clinical Instructor
ATHANASSIOS P. PANAGIOPULOS, Clinical Instructor
EDWARD A. RAZIM, Clinical Instructor
KARL H. SIEDENTOP, Clinical Instructor
KURT SPRINGER, Clinical Instructor
JOHN W. BAXTER, Assistant (one year from July 1, 1959)²
CHARLES D. BLUESTONE, Assistant (one year from July 1, 1959)²
GEORGE H. CONNER, Assistant²
DAVID L. FAGELSON, Assistant (one year from July 1, 1959)²
GERALD F. GUEMMER, Clinical Assistant
RALPH A. CASCIAO, Assistant (one year from July 1, 1959)²
PETER L. LEFFMAN, Assistant (one year from July 1, 1959)²
A. LAWRENCE LEMEL, Assistant (one year from July 1, 1959)²
DINO G. MAURIZI, Assistant (one year from July 1, 1959)²
ROBERT C. NEWELL, Assistant (one year from July 1, 1959)²
THADDEUS S. PIERZYNSKI, Assistant (fourteen months from July 1, 1959)²
JOYCE A. SCHILD, Assistant (one year from July 1, 1959)²
ALDO C. SERUCIO, Assistant²
LOUIS T. TENTA, Assistant (one year from July 1, 1959)²
JOHN D. VANNUYS, Assistant (one year from July 1, 1959)²
Pathology

GEORGE M. HASS, Professor
LESTER S. KING, Clinical Professor
C. BRUCE TAYLOR, Professor
CHARLES E. CAHN-BRONNER, Professorial Lecturer, Emeritus
FREDERICK C. BAUER, JR., Associate Professor
HAROLD A. GRIMM, Clinical Associate Professor
JERRY L. KEEHNS, Clinical Associate Professor
AARON LEARNER, Clinical Associate Professor
COVE C. MASON, Clinical Associate Professor
DOROTHY E. ESHBAUGH, Clinical Assistant Professor
FREDERIC O. FLOBERG, Lecturer in Legal Medicine with rank of Assistant Professor
MOSHE G. GOLDBERG, Clinical Assistant Professor
FRANZ E. HIRSCH, Lecturer with rank of Clinical Assistant Professor
ROBERT V. HOFFMAN, JR., Clinical Assistant Professor
GRANT C. JOHNSON, Clinical Assistant Professor
ALBERT I. RUBENSTONE, Clinical Assistant Professor
ALBERT W. SCHWEITZER, Clinical Assistant Professor
JAMES R. THOMPSON, Clinical Assistant Professor
RICHARD E. TRUEHEART, Assistant Professor (fourteen months from July 1, 1959)
JONAS VALATTIS, Clinical Assistant Professor
PAUL A. VAN PERNIS, Clinical Assistant Professor
JOHN E. MALONEY, Clinical Associate Professor
ROBERT W. ALEXANDER, Instructor (one year from July 1, 1959)
RAYMOND A. CLASEN, Instructor (one year from July 1, 1959)
GEORGE E. COX, Instructor (one year from July 1, 1959)
ROBERT H. EDWARDS, Instructor (one year from July 1, 1959)
REUBEN EISENSTEIN, Instructor (one year from July 1, 1959)
JAMES E. HARRIS, Clinical Instructor
Marilyn J. O'BRIEN, Instructor (one year from July 1, 1959)
USWIAF J. ROWEATI, Instructor
JESUS A. CABRERA, Assistant (one year from July 1, 1959)
JOSEPH J. HOSEK, Assistant (one year from July 1, 1959)
LASZLO S. MEDGES, Assistant (one year from July 1, 1959)
JAMES C. PRITCHARD, Assistant (one year from July 1, 1959)
W. W. SCAMMAN, Assistant (one year from July 1, 1959)

Pediatrics

CLIFFORD G. GRULEE, Clinical Professor (Rush), Emeritus
ARCHIBALD L. HOYNE, Clinical Professor (Rush), Emeritus
HUGH MCEWAN, Lecturer with rank of Professor, Emeritus
ALFRED D. BIGGS, Clinical Professor
I. PAT BRONSTEIN, Clinical Professor
CRAG D. BUTLER, Clinical Professor (Rush)
BENJAMIN M. GASUL, Clinical Professor
JOSEPH GREENGARD, Clinical Professor
C. JACK HARRISON, Clinical Professor (Rush)
SAMUEL J. HOFFMAN, Clinical Professor
CHARLES K. STULIK, Clinical Associate Professor (Rush), Emeritus
LAWRENCE R. BERSLOW, Clinical Associate Professor
WARREN R. DAMMERS, Clinical Associate Professor
WERNER K. GOTTSTEIN, Clinical Associate Professor
LOUIS J. HALPERN, Clinical Associate Professor
HARRY LEICHNER, Clinical Associate Professor
MATTHEW M. LEWIS, Clinical Associate Professor (Rush)
DANIEL J. PACHMAN, Clinical Associate Professor
IRVING B. RICHTER, Clinical Associate Professor
NOEL E. SHAW, Clinical Associate Professor (Rush)
NORMAN T. WELFORD, Clinical Associate Professor (Rush)
DOROTHY H. WELKER, Clinical Associate Professor
E. H. CHRISTOPHERSON, Clinical Assistant Professor
WINDRUFF L. CRAWFORD, Clinical Assistant Professor
JOHN B. HALL, Clinical Assistant Professor
HELEN HAYDEN, Clinical Assistant Professor
MILDRED R. JACKSON, Clinical Assistant Professor
HARVEY KRAVITZ, Clinical Assistant Professor
HERMAN B. LANDER, Clinical Assistant Professor
BRUCE B. NEWMAN, Clinical Assistant Professor
HOMER S. PARKER, Clinical Assistant Professor
FREDERICK L. PHILLIPS, Clinical Assistant Professor
MILDRED J. POLNIAZEK, Clinical Assistant Professor
MARTIN O. SACKS, Clinical Assistant Professor
THOMAS P. SALTFIELD, Clinical Assistant Professor
IRENE SHMIGELSKY, Clinical Assistant Professor
CHARLES E. STEPAN, Clinical Assistant Professor
SAMUEL THOMAS, Clinical Assistant Professor
ABRAHAM A. WOLF, Clinical Assistant Professor

HANS G. BUCHERER, Instructor
MARY DOCHIS, Clinical Instructor
ELIZABETH KELLER, Clinical Instructor
ELISABETH S. LASSERS, Clinical Instructor
HOWARD J. LEVINE, Clinical Instructor
JEROME J. LUBIN, Clinical Instructor
RONALD B. MACK, Clinical Instructor
JOHN J. MARINO, Clinical Instructor
HARRY T. NAGEL, Clinical Instructor
KENNETH S. NOLAN, Clinical Instructor
ALYDA R. RATAJIK, Clinical Instructor
VLASTIMIL VRBA, Clinical Instructor
DANUTA J. BUZDYGAN, Assistant
KATOK CHUANG, Assistant
AGAPITO Y. DE RAMOS, Assistant
MEL W. FEINBERG, Assistant
RICHARD J. FEINBERG, Assistant
GARLAND P. KIRKPATRICK, Assistant
CATALINA LEE, Assistant
MOHAMAD R. MOINFAR, Assistant
PARVIZ MOVAFAGH, Assistant
P. R. DEL ROSARIO, Assistant
MEHMET SOMALI, Assistant

Pharmacology
	VICTOR A. DRILL, Lecturer with rank of Professor
	HARRIS ISBELL, Lecturer with rank of Professor

Physical Medicine and Rehabilitation
	H. WORLEY KENDALL, Clinical Professor
	MAXWELL D. FLANK, Clinical Assistant Professor

Physiology
	LATHAN A. CRANBALL, JR., Lecturer with rank of Professor
	HAROLD E. HIMWICH, Lecturer with rank of Professor
	CHESTER W. DARROW, Associate Professor

Preventive Medicine
	THOMAS G. HULL, Lecturer in Preventive Medicine, with rank of Associate Professor, Emeritus
	JERMYN F. MCCARAN, Clinical Assistant Professor
	HAROLD W. SPEES, Clinical Assistant Professor
	HAROLD H. STEINBERG, Clinical Assistant Professor
	RAYMOND W. STEBLEY, Clinical Instructor
Psychiatry

RALPH C. HAMIL, Clinical Professor (Rush), Emeritus
DAVID SHAKOW, Lecturer with rank of Professor
HARRY R. HOFFMAN, Clinical Associate Professor (Rush), Emeritus
WILLIAM H. HAINES, Clinical Associate Professor
ARTHUR A. MILLER, Clinical Associate Professor
DONALD A. R. MORRISON, Clinical Associate Professor
ALFRED P. SOLOMON, Clinical Associate Professor
JACK WEINBERG, Clinical Associate Professor
JACOB PASKIND, Clinical Assistant Professor, Emeritus
JAMES M. ALEXANDER, Clinical Assistant Professor
HAROLD BALIKOV, Clinical Assistant Professor
MILTON C. BAUMANN, Clinical Assistant Professor
E. ELIOT BENZRA, Clinical Assistant Professor
ANN R. BENJAMIN, Clinical Assistant Professor
LEON BENSTEIN, Clinical Assistant Professor
BERNARD BLOCK, Clinical Assistant Professor
DAVID D. BROCKMAN, Clinical Assistant Professor
JAMES A. BUETTNER, Clinical Assistant Professor
PAULINE M. COOKE, Clinical Assistant Professor
LEON DIAMOND, Clinical Assistant Professor
ALFRED FLARSHEIM, Clinical Assistant Professor
ROBERT M. GLUCKMAN, Clinical Assistant Professor
ALFRED G. GREEN, Clinical Assistant Professor
HAROLD A. GREENBERG, Clinical Assistant Professor
FREDERICK V. GWYER, Clinical Assistant Professor
JOHN E. HALASZ, Clinical Assistant Professor
LOUIS HALPERIN, Clinical Assistant Professor
JOHN W. HANNI, Clinical Assistant Professor
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GUSTAVO A. LAGE, Clinical Assistant Professor
JOHN C. LEE, Clinical Assistant Professor
SAMUEL D. LIEBMAN, Clinical Assistant Professor
JOAN LONGINI, Clinical Assistant Professor
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WARREN G. MCPHERSON, Clinical Assistant Professor
VICTOR J. MINTIK, Clinical Assistant Professor
WILLIAM H. MURRAY, Clinical Assistant Professor
JOSEPH G. NEMCEK, Clinical Assistant Professor
MELVIN D. NUDELMAN, Clinical Assistant Professor
ERICH PASCHKES, Clinical Assistant Professor
GEORGE L. PERTKINS, Clinical Assistant Professor
CLIFTON C. RHEAD, Clinical Assistant Professor
FRANCO U. RINALDI, Clinical Assistant Professor
ALAN M. ROBERTSON, Clinical Assistant Professor
RICHARD E. ROBERTSON, Clinical Assistant Professor
MORRIS M. ROSENBUGH, Clinical Assistant Professor
LESTER H. RUDD, Clinical Assistant Professor
HARRY L. RUEHR, Clinical Assistant Professor
HARRY M. SEGEBREICH, Clinical Assistant Professor
MORRIS A. SKELANSKY, Clinical Assistant Professor
W. DAVID STEED, Clinical Assistant Professor
ROBERT L. STEWART, Clinical Assistant Professor
VIRGINIA S. TARLOW, Clinical Assistant Professor
THOMAS T. TOURLENTES, Clinical Assistant Professor
S A N M. VICTOR, Clinical Assistant Professor
WILLIAM WEIDHOF, Clinical Assistant Professor
ROBERT E. WESTFALL, Clinical Assistant Professor
DONOVAN G. WRIGHT, Clinical Assistant Professor
VICTOR J. ZIELINSKI, Clinical Assistant Professor
CLARESA M. ARMSTRONG, Clinical Instructor
THOMAS N. DAVIS III, Clinical Instructor
PIETER DEVRIJER, Clinical Instructor (one year from July 1, 1959)
ROBERT M. EDWALDS, Clinical Instructor
SYDNEY B. EISEN, Clinical Instructor (one year from July 1, 1959)
LOWELL I. GOODMAN, Clinical Instructor
NAHMAN H. GREENBERG, Clinical Instructor (one year from July 1, 1959)
DAVID P. GROSS, Clinical Instructor
JAY G. HIRSCH, Clinical Instructor (one year from July 1, 1959)
MARCIA G. HUGHES, Clinical Instructor
CHARLES H. KRAMER, Clinical Instructor
BERNARD J. LIPSON, Clinical Instructor
EVAN G. MOORE, Clinical Instructor
FRANCES C. PERCE, Clinical Instructor of Psychology
SARAH H. PESKIND, Clinical Instructor of Psychology
BARBARA S. ROACH, Clinical Instructor (one year from July 1, 1959)
ARTHUR D. SABLE, Clinical Instructor
DONALD D. SCHWARTZ, Clinical Instructor (one year from July 1, 1959)
MARVIN J. SCHWARZ, Clinical Instructor (one year from July 1, 1959)
ARLENE J. SMITH, Clinical Instructor (one year from July 1, 1959)
PAULINE D. STEPLETON, Clinical Instructor (one year from July 1, 1959)
MARIAN D. TOLPIN, Clinical Instructor
DONALD E. WATTS, Clinical Instructor
DAGA M. WIED, Clinical Instructor
ARTHUR A. WOLOSHIN, Clinical Instructor (nine months from July 1, 1959)
ROBERT I. YUFIT, Clinical Instructor of Psychology
MARGORIE C. BARNETT, Clinical Assistant (one year from October 1, 1959)
GENE H. BOROWITZ, Assistant (one year from July 1, 1959)
JOSE M. CASTILLO, Clinical Assistant (one year from July 1, 1959)
ELAINE CHONG, Assistant (one year from July 1, 1959)
JEANNE DULAS, Clinical Assistant (one year from July 1, 1959)
SAIED S. FARAHMAND, Assistant in Psychology
EVA FISHELL, Research Assistant
MARCUS A. JACOBS, Assistant (one year from July 1, 1959)
LEO V. KEMPTON, Clinical Assistant (one year from July 1, 1959)
MAQBUL A. MIAN, Clinical Assistant (one year from July 1, 1959)
ARTHUR H. NORTON, Clinical Assistant (one year from July 1, 1959)
ROBERT E. NYQUIST, Clinical Assistant (one year from July 1, 1959)
WILLIAM J. PIETER, Assistant (one year from July 1, 1959)
WAGDI R. SALIB, Clinical Assistant (one year from July 1, 1959)
MORTON S. TABIN, Clinical Assistant (one year from July 1, 1959)
JOHN M. WHITMAN, Assistant (one year from July 1, 1959)
ORESTE ZALIS, Assistant (one year from July 1, 1959)
LOUISE T. ZAZOVE, Clinical Assistant (one year from July 1, 1959)

Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor
HERBERT K. ABRAMS, Clinical Assistant Professor
R. H. BOATMAN, Lecturer with rank of Assistant Professor
CLARENCE W. KLASSEN, Assistant Professor
HERBERT E. McDANIELS, Assistant Professor
KENNETH M. MORSE, Lecturer with rank of Assistant Professor
W. FRANKLIN DOVE, Research Associate

Radiology

FAY H. SQUIRE, Professor (Rush)
DAVID S. BEILIN, Clinical Associate Professor
RICHARD E. BUEGNER, Associate Professor
JOHN W. CLARK, Associate Professor
<table>
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<tr>
<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Franklin S. Alcorn</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td>Benjamin D. Braun</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Frank R. Hendrickson</td>
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<td>Ben J. Hill</td>
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<td>Julius Heydemann</td>
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<tr>
<td>Samuel A. Leader</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Nathan M. Starkman</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Audrey L. Wilson</td>
<td>Clinical Assistant Professor</td>
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<td>Maurice L. Bogdonoff</td>
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<tr>
<td>Alfred J. Brooks</td>
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<td>George B. Greenfield</td>
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<tr>
<td>John R. Hartman</td>
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<tr>
<td>John C. Bush</td>
<td>Assistant</td>
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<tr>
<td>Leonid Caleenoff</td>
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<tr>
<td>Charles Frye</td>
<td>Assistant</td>
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<tr>
<td>John S. Leary</td>
<td>Assistant (on leave of absence for military service)</td>
</tr>
<tr>
<td>Sheldon H. Miller</td>
<td>Assistant</td>
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<tr>
<td>Billy J. Hill</td>
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</tr>
<tr>
<td>Sheldon H. Miller</td>
<td>Assistant</td>
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**Surgery**

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<th>Name</th>
<th>Title</th>
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<tbody>
<tr>
<td>Hillier L. Baker</td>
<td>Clinical Professor (Rush), Emeritus</td>
</tr>
<tr>
<td>Arrie Bamberger</td>
<td>Clinical Professor, Emeritus</td>
</tr>
<tr>
<td>Vernon C. David</td>
<td>Professor (Rush), Emeritus</td>
</tr>
<tr>
<td>Selim W. McArthur</td>
<td>Clinical Professor, Emeritus</td>
</tr>
<tr>
<td>Edwin M. Miller</td>
<td>Clinical Professor (Rush), Emeritus</td>
</tr>
<tr>
<td>Oscar E. Nadeau</td>
<td>Clinical Professor, Emeritus</td>
</tr>
<tr>
<td>Edward J. Beattie, Jr.</td>
<td>Professor</td>
</tr>
<tr>
<td>Arthur H. Fell</td>
<td>Clinical Professor (Rush)</td>
</tr>
<tr>
<td>Richard K. Gilchrist</td>
<td>Clinical Professor (Rush)</td>
</tr>
<tr>
<td>Paul W. Greenley</td>
<td>Clinical Professor</td>
</tr>
<tr>
<td>Hilger P. Jenkins</td>
<td>Clinical Professor</td>
</tr>
<tr>
<td>Francis H. Straus</td>
<td>Clinical Professor (Rush)</td>
</tr>
<tr>
<td>William H. Hazlett</td>
<td>Clinical Associate Professor, Emeritus</td>
</tr>
<tr>
<td>Frank J. Jirka</td>
<td>Associate Professor, Emeritus</td>
</tr>
<tr>
<td>Will F. Lyon</td>
<td>Clinical Associate Professor, Emeritus</td>
</tr>
<tr>
<td>Rudolph J. E. Odem</td>
<td>Associate Professor, Emeritus</td>
</tr>
<tr>
<td>Carl B. Davis, Jr.</td>
<td>Clinical Associate Professor</td>
</tr>
<tr>
<td>Willis G. Diffenbaugh</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Charles G. D. Brown</td>
<td>Clinical Associate Professor (Rush)</td>
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<tr>
<td>William S. Dye, Jr.</td>
<td>Clinical Associate Professor</td>
</tr>
<tr>
<td>Earl Garside</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Chester C. Guy</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Robert J. Jensik</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Burton C. Kilbourne</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>John D. Krucky</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Hiram T. Langston</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Stanley E. Lawton</td>
<td>Clinical Associate Professor (Rush)</td>
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<tr>
<td>Foster L. McMillan</td>
<td>Clinical Associate Professor</td>
</tr>
<tr>
<td>Clarence W. Monroe</td>
<td>Clinical Associate Professor (Rush)</td>
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<tr>
<td>John H. Olwin</td>
<td>Clinical Associate Professor (Rush)</td>
</tr>
<tr>
<td>Louis W. Schulte</td>
<td>Clinical Associate Professor of Oral Surgery</td>
</tr>
<tr>
<td>Linon Seed</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Harry W. Southwick</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Everett L. Strohl</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Frank V. Theis</td>
<td>Clinical Associate Professor (Rush)</td>
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<tr>
<td>Philip Thorek</td>
<td>Clinical Associate Professor</td>
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<tr>
<td>Carl O. Almqvist</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Raymond E. Anderson</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Sidney Black</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Charles D. Branch</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Charles D. Branch</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>C. David Brown</td>
<td>Clinical Assistant Professor</td>
</tr>
<tr>
<td>Robert G. Casniham</td>
<td>Clinical Assistant Professor</td>
</tr>
</tbody>
</table>
JOSEPH P. CANNON, Clinical Assistant Professor
JAMES H. CROSS, Clinical Assistant Professor
WARD H. EASTMAN, Clinical Assistant Professor
MELVIN I. GIBBET, Clinical Assistant Professor
RAYMOND GREEN, Clinical Assistant Professor
RONALD G. HALEY, Clinical Assistant Professor
KUSSL C. HANSELMAN, Clinical Assistant Professor
HARRY G. HARDT, Jr., Clinical Assistant Professor
ROBERT A. HESS, Clinical Assistant Professor
CARL IRENEUS, JR., Clinical Assistant Professor
JOHANNES L. KOPFEL, Assistant Professor
KENNETH L. MATSON, Clinical Assistant Professor
HAROLD L. MEYER, Clinical Assistant Professor
GEORGE A. OLANDER, Clinical Assistant Professor
JOHN R. ORNDORFF, Clinical Assistant Professor
JOHN H. PEBBLE, Clinical Assistant Professor
WILLIAM L. RIKER, Clinical Assistant Professor
HAROLD A. ROSE, Clinical Assistant Professor
PHILIP SHAMBAUGH, Clinical Assistant Professor
WILLIAM D. SHOREY, Clinical Assistant Professor
ROBERT F. STOKES, Clinical Assistant Professor
MILAN M. WASICK, Clinical Assistant Professor
CARL Y. WERELIUS, Clinical Assistant Professor
LEON J. WITKOWSKI, Clinical Associate
WALTER L. BARKER, Instructor (one year from July 1, 1959)
WALID BURHANI, Instructor (one year from July 1, 1959)
MOHAMMAD A. CHEEMA, Instructor (one year from July 1, 1959)
NOBLE CORRELL, Clinical Instructor
GILBERT W. DOUGLAS, Clinical Instructor
L. PENFIELD FABER, Instructor (one year from July 1, 1959)
GLENN W. FISCUS, Instructor (one year from July 1, 1959)
JOHN W. FRISCH, Clinical Instructor
HOWARD L. GORDON, Instructor (one year from July 1, 1959)
Vernon L. Guynn, Clinical Instructor
Howard M. HAMLIN, Clinical Instructor
JAMES A. HUNTER, Clinical Instructor (fourteen months from July 1, 1959)
Vernon Z. Hutchings, Clinical Instructor
HERBERT F. IKNAYAN, Instructor (one year from July 1, 1959)
ROBERT W. JAMIESON, Clinical Instructor
JOHANNES M. L. JENSEN, Clinical Instructor
FRANK R. JOHNSON, Clinical Instructor
ANDREW KIRSTEINS, Clinical Instructor
ALLAN M. LANSING, Instructor (one year from July 1, 1959)
WILLIAM E. LOOBY, Clinical Instructor
CARL E. LORIENTON, Instructor (one year from July 1, 1959)
JOSEPH R. McANDREW, Clinical Instructor (fourteen months from July 1, 1959)
NAEL MARTINI, Instructor (one year from July 1, 1959)
RICHARD H. MEYER, Instructor (one year from July 1, 1959)
FRANK J. MILLOY, JR., Clinical Instructor
CHARLES J. MOCO, Clinical Instructor
VINCENT P. MUNSTER, Clinical Instructor (fourteen months from July 1, 1959)
HASSAN NAJAFI, Instructor (one year from July 1, 1959)
STEVEN H. NIT, Clinical Instructor
JOHN W. OTTEN, Clinical Instructor
JOHN C. PARROTT, Instructor (one year from July 1, 1959)
GEORGE L. PASTNACK, Clinical Instructor
Eudell G. Paul, Clinical Instructor
HAROLD A. PAUL, Instructor (one year from July 1, 1959)
MARTIN PEPPER, Clinical Instructor
RICHARD C. POWERS, Clinical Instructor
MORRIS M. PROFFITT, Clinical Instructor
ALFRED RASMUSSEN, Clinical Instructor
HOWARD G. REILER, Clinical Instructor
OLIVER V. RENAUD, Clinical Instructor
DAVID F. RENDLEMAN, Instructor (one year from July 1, 1959)*
THOMAS SELLETT, Clinical Instructor
CARL K. SOLANDER, Clinical Instructor
HORACE E. STANSEL, Instructor (one year from July 1, 1959)*
FRANCIS W. STREHL, Clinical Instructor (fourteen months from July 1, 1959)
MILTON WEINBERG, Jr., Clinical Instructor
ROBERT B. WHITE, Clinical Instructor
MICHAEL F. WITANOWSKI, Clinical Instructor
JOHN H. BANCROFT, Assistant (one year from July 1, 1959)*
DONALD M. BUCKNER, Assistant (one year from July 1, 1959)*
PETER BUINAUSKAS, Assistant (one year from July 1, 1959)*
JACKSON E. CAGLE, Jr., Assistant (one year from July 1, 1959)*
ANDRES GABEL, Assistant (one year from July 1, 1959)*
GORDON H. GLASSFORD, Assistant (one year from July 1, 1959)*
KENNETH P. GROVES, Assistant (one year from July 1, 1959)*
JOSEPH F. HINKAMP, Clinical Assistant
LEROY LONG, Assistant (one year from July 1, 1959)*
WILLIAM H. MARSHALL, Assistant (one year from July 1, 1959)*
JAMES H. MASON, Assistant (one year from July 1, 1959)*
RANDALL E. McNALLY, Assistant (one year from July 1, 1959)*
ALAIN F. MENGUY, Assistant (one year from July 1, 1959)*
SAMIR M. RAGHEB, Assistant (one year from July 1, 1959)*
STUART S. ROBERTS, Assistant (one year from July 1, 1959)*
RICHARD C. SCHULZ, Clinical Assistant (fourteen months from July 1, 1959)
WENDELL H. SCHMIDTKE, Assistant (one year from July 1, 1959)*
E. WILSON STAUB, Assistant (one year from July 1, 1959)*
RICHARD A. TARIFFO, Assistant (one year from July 1, 1959)*
RICHARD S. WEBB, Jr., Assistant (one year from July 1, 1959)*
ARTHUR R. WILLIAMSON, Assistant (one year from July 1, 1959)*

Division of Urology
NORRIS J. HECKEL, Clinical Professor (Rush)
EDWARD BUCKMAN, Clinical Associate Professor (Rush), Emeritus
THEOPHIL P. GRAUER, Clinical Associate Professor
JAMES W. MERRICKS, Jr., Clinical Associate Professor (Rush)
GEORGE O. BAUMRUCKER, Clinical Assistant Professor
JOSEPH S. DRABANSKI, Clinical Assistant Professor
EDWIN C. GRAF, Clinical Assistant Professor
WILLARD C. MEYER, Clinical Assistant Professor
FRANK B. PAUPIERIAK, Clinical Assistant Professor
COQUITT O. RITCH, Clinical Assistant Professor
FREDERICK W. SCHACHT, Clinical Assistant Professor
R. ROSS HAEGER, Clinical Associate
JAMES A. CALAMS, Clinical Instructor
DANIEL H. CALLAHAN, Clinical Instructor
THOMAS L. C. COTTRELL, Clinical Instructor
ENGIN DENIZ, Instructor (one year from July 1, 1959)*
RAYMOND C. FIRER, Clinical Instructor
IBRAHIM T. SOZER, Instructor (one year from July 1, 1959)*
JAMES C. VALENTA, Clinical Instructor
GAMIL T. ARIDA, Assistant (one year from July 1, 1959)*
MALACHI J. FLANAGAN, Assistant (one year from July 1, 1959)*
PABLO M. GONZALEZ, Clinical Assistant
CHARLES F. MCKIEI, Jr., Assistant (one year from July 1, 1959)*

Division of Anesthesiology
PAUL W. SEARLES, Clinical Professor
MARY M. LYONS, Clinical Associate Professor (Rush), Emerita
JOHN E. CAWLEY, Clinical Assistant Professor
On motion of Mrs. Watkins, these appointments were approved.

APPOINTMENTS TO PROFESSIONAL ADVISORY COMMITTEE OF THE DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(5) The Division of Services for Crippled Children has a Professional Advisory Committee appointed by the Board of Trustees for a two-year period. The Vice-President in charge of the Chicago Professional Colleges and the Director of the Division of Services for Crippled Children recommend the following reappointments and new appointments for two years beginning July 1, 1959.

I concur.

FLOYD S. BARRINGER, M.D., Neurosurgeon, 704 North First Street, Springfield
RAY E. BROWN, Superintendent, University of Chicago Clinics, 950 East 59th Street, Chicago
DONALD E. CASSELS, M.D., Pediatrician-Cardiac, University of Chicago Clinics, 950 East 59th Street, Chicago
EDWARD L. COMPERE, M.D., Orthopedist, 720 North Michigan Avenue, Chicago
HUGH E. COOPER, M.D., Orthopedist, 1101 Main Street, Peoria
B. F. DEWET, D.D.S., Orthodontist, 708 Church Street, Evanston
A. R. EVELOFF, M.D., Pediatrician, 1025 South Seventh Street, Springfield
JAMES B. GILLESPIE, M.D., Pediatrician, Carle Hospital Clinic, Urbana
HAROLD L. HARRIS, M.D., Anesthesiologist, 1110 Dobson Street, Evanston
LEAVES OF ABSENCE FOR PROFESSORS ROBERT A. HEDGES
AND DONALD R. HODGMAN

(6) Associate Professors Robert A. Hedges, Department of Finance, and Donald R. Hodgman, Department of Economics, have received fellowship appointments under a grant from the Ford Foundation for study at the Institute of Basic Mathematics for Application to Business at Harvard University during the academic year 1959-60 and the summer of 1960. The Ford Foundation fellowship stipend is equivalent to one-half the University salary for the academic year plus a stipend for the summer of 1960.

To enable them to carry out this program of study, which will be of benefit to the College of Commerce and Business Administration as well as to them, their University status has been changed to one-half time on one-half salary, and each has been given leave of absence on one-half time without pay.

Confirmation of these changes is requested.

On motion of Mr. Clement, these leaves were confirmed.

PRESIDENT'S TRAVEL TO INDIA

(7) I request permission to travel to India and Southeast Asia between the dates of December 26, 1959, and February 22, 1960, for an official visit to the points of University of Illinois activity in India and to make certain observations in this general area at the request of the Ford Foundation. The visit to the University of Illinois centers of activity in India will be under the auspices of the International Cooperation Administration of the federal government. There will be no travel expense to the University of Illinois.

From comments of the American Ambassador to India, the head of the Technical Cooperation Mission to India, the head of the International Cooperation Administration of the federal government, and from many visitors to India, both from the University of Illinois staff and other centers, it is clear that the work of the University of Illinois in India is of great importance. The sponsorship of a land-grant state university in Uttar Pradesh state, the consultative service provided to the institutions in the states of Uttar Pradesh and Madhya Pradesh, the training of participants for service in India and the assignment of American personnel to the institutions in this area, and the contract services to the Indian Institute of Technology at Kharagpur represent a major responsibility of the University of Illinois. These activities are all supported financially by the federal government.

The responsible officials of the federal government believe it is important for the Presidents of the institutions concerned to make first-hand observations of the problems faced by our staff, and to measure the progress being made. The
Ford Foundation has also emphasized the importance of our having first-hand knowledge of current economic, social, and political developments, as well as developments in the field of education, in the area of Southeast Asia as well as in India.

On the basis of these recommendations, I have made plans for the trip as indicated and request the approval of the Board of Trustees.

On motion of Mr. Johnston, the request of the President was approved.

REAPPROPRIATION OF UNEXPENDED BALANCES

(8) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations and balances in appropriations for special services and projects not completed on June 30, 1959, be reappropriated for the fiscal year beginning July 1, 1959, in accordance with usual policy.

I concur.

Urbana-Champaign

<table>
<thead>
<tr>
<th>Service</th>
<th>Balance</th>
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</thead>
<tbody>
<tr>
<td>General administration and expense</td>
<td>$59,802</td>
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<tr>
<td>Microfilming records</td>
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<td>National defense education act grants</td>
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<td>Special legal services</td>
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<td>Education</td>
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<tr>
<td>University Council on Teacher Education,</td>
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<tr>
<td>education conference</td>
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<tr>
<td>Engineering</td>
<td>$4,643</td>
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<tr>
<td>Technograph and open house</td>
<td>$833</td>
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<tr>
<td>Fine and Applied Arts</td>
<td></td>
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<tr>
<td>Graduate College</td>
<td></td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td></td>
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<tr>
<td>Law</td>
<td></td>
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<tr>
<td>Liberal Arts and Sciences</td>
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<tr>
<td>Physical Education</td>
<td></td>
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<tr>
<td>University Extension</td>
<td></td>
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<tr>
<td>Veterinary Medicine</td>
<td></td>
</tr>
<tr>
<td>Other schools and colleges</td>
<td></td>
</tr>
<tr>
<td>Library and Library School</td>
<td>$8,481</td>
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<td>Sandburg library</td>
<td>$8,604</td>
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<tr>
<td>Physical Plant</td>
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<tr>
<td>Regular operation and maintenance</td>
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<td>Renewals and replacements</td>
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<td>Junior Academy of Science conference</td>
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<tr>
<td>Traffic study</td>
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<tr>
<td>Unexpended plant</td>
<td>$110,203</td>
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</table>

Volo and Wauconda bogs, purchase             4,000
Radio telescope, site improvements           11,000
Accounting, special equipment               1,285
Bursar, special equipment                   4,345
Admissions and Records, special equipment   5,353
English Building, air conditioning           1,077
Radio telescope, building plans and         1,000
specifications                              
Agriculture administration, special equipment 5,353
Agronomy, storehouse remodeling             980
Truck, purchase                             1,141
Horticulture, steam boilers                 969
Commerce and Business Administration,        1,590
equipment and remodeling                    1,590
University High School, special equipment    1,590

\(^{1}\) Deduct.
<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
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<tbody>
<tr>
<td>Armory, alterations</td>
<td>$382</td>
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<tr>
<td>Physics Research Laboratory, addition</td>
<td>$15,583</td>
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<tr>
<td>Service Building Annex, addition</td>
<td>$9,283</td>
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<tr>
<td>Engineering laboratories, air flow</td>
<td>$383</td>
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<tr>
<td>Civil Engineering, special equipment</td>
<td>$197</td>
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<tr>
<td>Nuclear Engineering, remodeling</td>
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<tr>
<td>Mechanical Engineering, special equipment</td>
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<tr>
<td>Mining Laboratory, improvements</td>
<td>$315</td>
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<tr>
<td>Mining and Metallurgical Engineering, special equipment</td>
<td>$2,088</td>
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<tr>
<td>Theoretical and Applied Mechanics, equipment and remodeling</td>
<td>$1,159</td>
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<tr>
<td>Sixth Street Building, alterations and equipment</td>
<td>$2,534</td>
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<tr>
<td>Art, special equipment</td>
<td>$2,816</td>
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<tr>
<td>City Planning and Landscape Architecture, special equipment</td>
<td>$121</td>
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<tr>
<td>East Chemistry Building, remodeling for biochemistry</td>
<td>$29,713</td>
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<tr>
<td>English Building, remodeling</td>
<td>$44</td>
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<tr>
<td>Harker Hall, remodeling and equipment for room 311</td>
<td>$2,643</td>
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<tr>
<td>X-ray machine</td>
<td>$8,700</td>
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<td>Illini Hall, improvements in room 331</td>
<td>$303</td>
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<td>Vivarium Building, remodeling</td>
<td>$1,334</td>
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<tr>
<td>Bus, purchase</td>
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<tr>
<td>Veterinary Medicine, special equipment</td>
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<tr>
<td>Administration Building, remodeling</td>
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<tr>
<td>Administration Building, air conditioning</td>
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<tr>
<td>Administration Building, air conditioning room 356</td>
<td>$911</td>
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<tr>
<td>Art museum</td>
<td>$75,987</td>
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<tr>
<td>Auditorium, safety improvements</td>
<td>$1,309</td>
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<tr>
<td>Administrative office changes</td>
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<tr>
<td>Mining and Metallurgical Engineering, laboratory remodeling</td>
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<td>Architectural studies for future buildings</td>
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<tr>
<td>1205 West California Avenue, remodeling</td>
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<tr>
<td>Digital Computer Laboratory</td>
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<tr>
<td>Engineering Research Laboratory, 701 installation</td>
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<td>Electrical Engineering, bioacoustics laboratory</td>
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<td>Chemistry Annex, fire stairs</td>
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<td>601-611 East Green Street, leasehold improvements</td>
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<tr>
<td>Huff Gymnasium, health and safety laboratory</td>
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<td>Library, lighting improvements</td>
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<tr>
<td>Minor improvements</td>
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<tr>
<td>Nursery relocation</td>
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<td>Parking facilities</td>
<td>$5,727</td>
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<tr>
<td>Remodeling and minor additions</td>
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<tr>
<td>Smith Music Hall, library extension</td>
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<tr>
<td>University Press Building</td>
<td>$2,800</td>
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<tr>
<td><strong>Total, Urbana-Champaign</strong></td>
<td>$453,183</td>
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*Deduct.*
<table>
<thead>
<tr>
<th>Physical Plant</th>
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</thead>
<tbody>
<tr>
<td>Regular operation and maintenance</td>
<td>$33,701</td>
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<tr>
<td>Renewals and replacements</td>
<td>9,832</td>
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<tr>
<td>Medical Center Steam Plant</td>
<td>72,082</td>
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<tr>
<td><strong>Unexpended Plant</strong></td>
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<tr>
<td>Student Affairs, lounge furniture</td>
<td>225</td>
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<tr>
<td>Vice-President's Office, furniture</td>
<td>511</td>
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<tr>
<td>Medicine, special equipment</td>
<td>2,400</td>
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<tr>
<td>Pharmacy, special equipment</td>
<td>56</td>
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<tr>
<td>Pharmacy and Pharmacology, special equipment</td>
<td>979</td>
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<tr>
<td>Pharmacognosy, special equipment</td>
<td>72</td>
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<tr>
<td>Research and Educational Hospitals, heart pump</td>
<td>1,620</td>
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<tr>
<td>Research and Educational Hospitals, patient inter-communication system</td>
<td>284</td>
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<tr>
<td>Research and Educational Hospitals, furnish remodeled areas on third and fourth floors, East</td>
<td>1,500</td>
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<tr>
<td>Radiology, special equipment</td>
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<td>Architectural studies for future buildings</td>
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<td>Anatomy, semipermanent remodeling</td>
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<td>Radiology, air conditioning</td>
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<td>Orthopaedic Surgery, installing cabinets</td>
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<td>Surgery, clinic remodeling</td>
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<td>Dentistry-Medicine-Pharmacy Building, air conditioning room 78</td>
<td>1,500</td>
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<td>Dentistry-Medicine-Pharmacy Building, remodeling room 219</td>
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<tr>
<td>Research and Educational Hospitals, collection center remodeling</td>
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<tr>
<td>Dentistry-Medicine-Pharmacy Building, remodeling room 500 for Anatomy</td>
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<td>Urology, clinic remodeling</td>
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<td>Research and Educational Hospitals, safety hoods for room 233</td>
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<tr>
<td>Research and Educational Hospitals, security screens</td>
<td>3,680</td>
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<tr>
<td><strong>Total, Chicago Professional Colleges</strong></td>
<td>(206,879)</td>
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</tbody>
</table>

**Chicago Undergraduate Division**

<table>
<thead>
<tr>
<th>General administration and expense</th>
<th>3,661¹</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unassigned reserve for nonrecurring items</td>
<td>$2,591</td>
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<tr>
<td>Office of the Dean, art gallery</td>
<td>496¹</td>
</tr>
<tr>
<td>Office of the Dean, 1959 summer television</td>
<td>2,526¹</td>
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<tr>
<td>Liberal Arts and Sciences</td>
<td>1,112¹</td>
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<tr>
<td>Engineering</td>
<td>1,802</td>
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<tr>
<td>Graduate College</td>
<td>563</td>
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<tr>
<td>Commerce and Business Administration</td>
<td>25¹</td>
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<tr>
<td>Physical Education</td>
<td>40¹</td>
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<tr>
<td>Library</td>
<td>96¹</td>
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<tr>
<td>Physical Plant</td>
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<tr>
<td>Regular operation and maintenance</td>
<td>2,476</td>
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<tr>
<td>Building rentals and insurance</td>
<td>2,028</td>
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<tr>
<td>Office of the Dean, special equipment</td>
<td>1,124</td>
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<tr>
<td>Art gallery, remodeling</td>
<td>613</td>
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<tr>
<td><strong>Total, Chicago Undergraduate Division</strong></td>
<td>(193)</td>
</tr>
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</table>

*Grand Total*                                                                 | $962,564         |

On motion of Mr. Swain, these reappropriations were made by the following vote: Aye, Mr. Clement, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Harewood, Mr. Stratton.

¹ Deduct.
NONRECURRING APPROPRIATIONS

(9) The Vice-President and Provost and the Vice-President and Comptroller recommend assignments of funds for

Construction of a television production room on the second floor of the English Building. $4,580.00

Removal of dead elm trees. 22,500.00

Interior painting and wall washing. 12,404.74

and that funds for the first item be assigned from the General Reserve Fund and the other two from balances in the Physical Plant Storeroom operations.

I concur, and also request approval of the following assignment from the General Reserve Fund which I authorized as an emergency action in order that the work could be completed during the summer:

Remodeling to provide a needed laboratory room at the Chicago Undergraduate Division $5,900.00

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

APPROPRIATION FOR IMPROVEMENTS IN THE ICE RINK

(10) On July 29, 1958, the Board of Trustees approved recommendations of the Safety and Fire Prevention Committee for certain improvements in the Ice Rink, including replacement of the ammonia compressors and auxiliary equipment, and authorized the Athletic Association to make the improvements with the understanding that the University would reimburse the Association for the costs.

The project has been completed at a total cost of $80,777.08.

I recommend an appropriation of this amount from the General Reserve Fund to reimburse the Athletic Association.

On motion of Mrs. Watkins, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

ACQUISITION AND SALE OF FARM LANDS IN LA SALLE COUNTY

(11) In 1955, Miss Laura M. Weber of LaGrange Park, Illinois, gave the University 640 acres of farm lands in La Salle County which are now designated by the University as Weber Farms No. 1 and No. 2, totaling 400 acres in Hope Township; Weber Farm No. 3, 80 acres in Richland Township about six miles from Farm No. 1, and Weber Farm No. 4, 160 acres in Waltham Township.

Two 80-acre parcels of land in an estate adjoining Farm No. 1 came on the market this summer and their availability was reported to the Board of Trustees on July 21. The Board authorized the purchase of one of these 80-acre tracts which were being sold at auction and the sale of Farm No. 3. Representatives of the College of Agriculture, the Chairman of the Board of Trustees Committee on Agriculture, and the Vice-President and Comptroller subsequently examined the two parcels of land and decided that the following described tract was the more desirable for purchase by the University:

East Half of the Southwest Quarter of Section 10 in Township 31 North, Range 1 East of the 3rd P.M., Hope Township, La Salle County, Illinois, being eighty (80) acres more or less.

The auction was held on July 30, 1959, and the above described tract was bid in by the University at a price of $536 an acre, or a total of $42,880. As required by the terms of the sale, 20 per cent of the purchase price, or $8,576, was paid on the date of the sale and the Comptroller signed a contract with the Executor of the Estate agreeing to pay the balance of the purchase price upon delivery of a merchantable warranty deed and abstract of title. Funds for this land acquisition will be provided from the Endowment Pool Account pursuant to previous authorization by the Board. The necessary steps to dispose of Farm No. 3 in Richland...
Township will be taken and sealed bids will be invited by advertisement and submitted to the Board for approval. When this farm is sold the proceeds will go into the Endowment Pool Account.

Confirmation of the actions of the Comptroller in making the down payment and signing a contract for the balance is requested. I also recommend that he be authorized to proceed with the sale of the Farm No. 3.

On motion of Mr. Hughes, these actions were confirmed, and authority for the sale of Farm No. 3 was given by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

The Board expressed its appreciation to Mr. Hughes for his services, as Chairman of the Committee on Agriculture, in this matter.

**CONTRACT FOR EXTENSION OF COMMUNICATION SYSTEM IN THE RESEARCH AND EDUCATIONAL HOSPITALS ADDITION**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $2,973 to the Hyre Electric Company, Chicago, Illinois, the lowest bidder, for extension of the nurses' call system in the Research and Educational Hospitals addition. The work will consist of extension of the present call system to areas not now served.

Funds are available in an appropriation made by the Board of Trustees for remodeling at the Chicago Professional Colleges.

I concur.

On motion of Mr. Harewood, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR AIR CONDITIONING IN DENTISTRY-MEDICINE-PHARMACY BUILDING**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $2,600 to the Air Comfort Corporation, Chicago, Illinois, the lowest bidder, for installation of air-conditioning equipment in Room 78 in the first unit of the Dentistry-Medicine-Pharmacy Building. This room has no outside ventilation of any kind.

Funds are available in the Physical Plant Department budget to cover the cost of this work.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR ROOF REPAIRS ON THE EAST DENTISTRY-MEDICINE-PHARMACY BUILDING**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $3,200 to Esko and Young, Inc., Chicago, Illinois, the lowest bidder, for roof repairs on the East Dentistry-Medicine-Pharmacy Building. This work is a part of a maintenance program.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.
APPROPRIATION AND CONTRACTS FOR REMODELING OF BOILER
PLANT IN HORTICULTURE FIELD LABORATORY

(15) The Director of the Physical Plant and the Vice-President and Comptroller
recommend awards of contracts as follows for remodeling of the boiler plant in the
Horticulture Field Laboratory, the award in each case being to the lowest bidder:

Heating — Ideal Heating Company, Chicago. $39,333.00
Electrical work — Brunkow Electric Company, Champaign. $1,100.00

The total cost of this remodeling project, including the above contracts, work
to be done by the Physical Plant Department, and other expenditures, will be
$49,000, which is in line with the engineering estimates.

I recommend that an appropriation of $49,000 be made from the General
Reserve Fund for this necessary remodeling and that the contracts be awarded.

There is submitted herewith a supporting report from the Physical Plant
Department including the schedule of all bids received and a copy is being filed
with the Secretary for record.

On motion of Mr. Hughes, these contracts were awarded by the
following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr.
Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr.
Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

AWARD OF CONTRACTS FOR THE CONSTRUCTION OF
PEABODY DRIVE RESIDENCE HALLS

(16) Bids have been received for the construction of the Peabody Drive Residence
Halls, to consist of three housing units and a dining hall, for 1,494 undergraduate
students in the southeast area of the former Parade Grounds. A report from the
Director of the Physical Plant, including schedules of bids received and explana-
tion of the alternates, is submitted herewith, and a copy is being filed with the
Secretary of the Board for record.

Revenue bonds for the construction of this project were scheduled to be
received on September 15, but because of the veto of the federal housing legisla-
tion, the bond sale must be postponed until September 29. The Board has pre-
viously authorized the Executive Committee to approve a loan agreement with
the federal government and to sell the bonds for this project.

On recommendation of the Director of the Physical Plant, the Vice-President
and Comptroller, and the President of the University, the Executive Committee
approved awards of contracts to the following bidders, subject to the sale of
bonds to finance the construction. The contract awards are to the lowest bidders
on "Base Bid B" which is for the construction of the complete project, i.e., the
three housing units and a dining hall building, and include certain specified
alternates (alternates A, B, C, D, E, and H which are explained in the supporting
statement from the Physical Plant Department referred to above) and provide
that the mechanical contracts shall be assigned to the general contractor for
direction and supervision.

General — Kuhne-Simmons Company, Inc., Champaign. $3,680.267
Electrical — Knight Electrical Company, Inc., Evansville, Indiana. 353.873
Plumbing — R. Hays Company, Inc., Champaign. 464.700
Heating — Bellis and Miller, Inc., Champaign. 605.621
Ventilating — R. H. Bishop Company, Champaign. 153.290
Elevator — Trimon Elevator Company, Inc., Chicago. 48.480

Total. $5,246.231

In order that construction of two of the three housing buildings be completed
by September, 1960, the Executive Committee also approved issuance of letters of
intention to the above contractors, authorizing them to proceed with construction work
at a cost not to exceed $105,000, the funds to be advanced from accumulated
reserves of the Housing Division. With the postponement of the bond sale, the
contractors should be authorized to proceed with construction up to a cost of
$206,000 prior to October 31. Funds are available in Housing Division Reserves
for these expenditures.
I recommend that:
The action of the Executive Committee in awarding the construction contracts as listed above be confirmed.
The assignment of $200,000 as an advance from Housing Division Reserves to provide funds for the interim financing of construction until the proceeds of the sale of bonds are available be approved.
The Comptroller and the Secretary of the Board be authorized to execute the contracts and to assign all of the mechanical contracts to Kuhne-Simmons Company, Inc., the general contractor, for direction and supervision.
The Executive Committee be authorized to sell the bonds on which bids will now be received on September 29, 1959, to approve a loan agreement with the Housing and Home Finance Agency, and to take such other actions as may be necessary in connection with the financing of the construction of the Peabody Drive Residence Halls.

It is recommended that a meeting of the Finance Committee and of the Executive Committee be scheduled for September 29, 1959, to take action on the bids on the bond issue with the understanding that all other members of the Board of Trustees be invited to attend this meeting.

On motion of Mr. Swain, the action of the Executive Committee was confirmed; the recommended assignment of funds was approved; the Comptroller and the Secretary of the Board were authorized to execute the contracts and make assignments of contracts as recommended; and the Executive Committee was authorized to sell the bonds and to execute a loan agreement with the Housing and Home Finance Agency. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CHANGE IN CONTRACT FOR CONSTRUCTION OF UTILITIES DISTRIBUTION SYSTEM

(17) On recommendation of the Director of the Physical Plant and the Vice-President and Comptroller, authorization has been given to an increase of $8,158 in the contract with C. A. Petry and Sons, Inc. for the construction of a transformer room DC-2 in the Utilities Distribution System. This change is to provide for the reconstruction of a part of the transformer room of the electrical load center attached to the west side of Burrill Hall to offset ground water pressure by installation of sump and underfloor drain tile and other measures to prevent accumulation of water in the transformer room which would make the transformer useless. The load center will also serve the new Physics Building which is scheduled to go into operation at the beginning of the first semester of 1959-60.

In view of the time factor involved, emergency action was deemed necessary and immediate authorization of the change order was approved to avoid any delays in completion of the work prior to the opening of the academic year. Such emergency action is authorized under the Illinois Purchasing Act.

Funds are available in the state capital appropriations to the University for 1957-59. Confirmation of this action is requested.

On motion of Mr. Harewood, this action was confirmed.

ADDITION TO CONTRACT FOR CONSTRUCTION OF GRADUATE STUDENT RESIDENCE HALL

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $2,624.20 in the contract with Felmley-Dickerson Company, Urbana, for construction of the Graduate Student Residence Hall. The contract provides for an average depth of 32 feet for foundation piles, with unit prices specified for variation in the length as ground conditions require. The change is for the extra cost for additional length of pile required and for addi-
tional piles put into the ground to accommodate the future addition to the building. Funds are available from the proceeds of the sale of bonds. I concur and recommend that the Comptroller be authorized to execute the contract change.

On motion of Mr. Swain, this recommendation was approved.

**PURCHASES**

**Purchases Authorized**

(19) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller. Unless otherwise specified, the purchase was recommended on the basis of the lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>5450 diploma covers for delivery during the period September, 1959, through June 30, 1960</td>
<td>Admissions and Records</td>
<td>E. A. Wright Co., Philadelphia, Pa.</td>
<td>$8,447.50</td>
</tr>
<tr>
<td>22.52 tons diammonium phosphate . 18.00 tons ammonium phosphate</td>
<td>Agricultural Economics</td>
<td>Tennessee Valley Authority, Knoxville, Tenn.</td>
<td>$207.53</td>
</tr>
<tr>
<td>One system for automatic radiation detecting and counting including a gas flow counter, lead shield, binary scaler, automatic sample changer, printing timer, Q gas and cylinder and dual (present and elapsed time) timer</td>
<td>Agronomy</td>
<td>Nuclear-Chicago Corp., Chicago</td>
<td>$3,355.74</td>
</tr>
<tr>
<td>Production of five 35 mm. strip films for the simulation of symbolic radar displays</td>
<td>Aviation Psychology Laboratory</td>
<td>Wilding, Inc., Chicago</td>
<td>$8,926.15</td>
</tr>
<tr>
<td>Laboratory furniture for Botany and Zoology instruction rooms in the Natural History Building</td>
<td>Botany and Zoology</td>
<td>Hunter Lumber Co., Urbana, for unfinished furniture</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>One X-ray generator and control 60 KVP-50 ms adaptable for X-ray spectrograph, complete with tubes, powder camera, film illuminator, film punch and cutter, track and bracket assembly, cable, hose, and fittings</td>
<td>Chemical Engineering</td>
<td>Walrus Manufacturing Co., Decatur, for finished furniture</td>
<td>$2,617.78</td>
</tr>
<tr>
<td>One Dage model 101AF television camera with turret, one each 1 in., 2 in., and 3 in. lenses, 42 in. classroom receivers with stands One electro-voice 647t microphones One pre-amplifier One tripod One dolly for camera Four Collins type 51J-4 rank mounted receivers, range 0.5 to 10.5 Mc divided into 30 i-Mc bands, for AM, CW, and FSK reception One No. 9209 IBM Universal card to tape converter</td>
<td>Education Engineering</td>
<td>Philips Electronics, Inc., Chicago</td>
<td>$6,229.00</td>
</tr>
<tr>
<td>College of Education, Elementary Education Division</td>
<td>College of Education, Elementary Education Division</td>
<td>Dage Television Division, Thompson Ramo Wooldridge, Inc., Michigan City, Ind.</td>
<td>$3,619.77</td>
</tr>
<tr>
<td>Language laboratory equipment including: One five-unit mass recording duplicator One distribution panel Eight distribution amplifying systems Five master console furniture One master phonograph 50 fold-a-booths 50 disc recorder-players, plus associated equipment of microphones, cables, etc., and installation</td>
<td>Language Laboratory</td>
<td>International Business Machines Corp., New York, N.Y.</td>
<td>$5,800.00</td>
</tr>
<tr>
<td>The Ewing C. Baskette private library collection of approximately 9,000 items, including books, pamphlets, periodicals, and manuscripts</td>
<td>Library</td>
<td>Mrs. E. C. Baskette, Springfield</td>
<td>$9,000.00</td>
</tr>
</tbody>
</table>
Item | Department | Vendor | Cost
---|---|---|---
One spectrophotometer with wavelength range 1860 angstroms to 2.6 microns with modification for normal optical path for infrared use | Physics | Applied Physics Corp., Chicago | $17,125.00 f.o.b. delivered
Fabrication of varian magnet turntable assembly | Physics | Burns Machine Co., Ottawa | 3,027.50 f.o.b. delivered
7,200 plate, spot, pyrex glass, 3 depression, 23 mm. each, size 28 x 85 mm. with raised lip | Zoology | E. H. Sargent & Co., Chicago | 5,400.00 f.o.b. delivered
Two magnasync series 916-C type 10 magnetic film recorders; one altec 350A power amplifier; one altec 604C loudspeaker; three telefunken KM-36 microphones; three hangers; four intercom head sets; and one magnetic head demagnetizer | University of Illinois Committee on School Mathematics | Behrend Cine Corp., Chicago | 5,996.00 f.o.b. delivered
Ten microscopes, stereoscopic dissecting with illuminator | Zoology | Schaar & Co., Chicago | 6,362.79 f.o.b. delivered
27 microscopes, student, monocular, 10 x and 43 x objectives with 10 x eyepiece, disc diaphragm, mirror and fork | | |
Less trade-in of two obsolete microscopes | | |
One recorder and three amplifiers to be used in the recording of blood pressure and heart sound | Medicine | Electronics for Medicine, Inc., White Plains, N.Y. | 3,789.00 f.o.b. delivered
One amino acid analyzer | Medical Pharmacology | Spino Division, Beckman Instrument, Inc., Park, Palo Alto, Calif. | 12,700.00 f.o.b. Chicago
Syracuse china in American Santa Rosa Crimson Print pattern: 60 dozen coffee cups 48 dozen vegetable dishes 36 dozen bouillon cups 36 dozen saucers 24 dozen bread and butter plates 36 dozen salad plates 36 dozen luncheon plates, 9 in. 36 dozen dinner plates, 10 in. | Illini Union | E. A. Hinrichs & Co., Chicago | 3,273.18 f.o.b. Urbana
64,100 (approximately) photographic prints, 2 1/2 x 3 1/2, to be developed from negatives for student identification for first semester, second semester, and summer session registration for the academic year 1959-60 | Office of Security | Techniprint Film Laboratory, Champaign | 2,559.85 f.o.b. delivered
$2,000 sheets 25 1/2 in. x 30 1/2 in. index paper in various weights and colors | Office Supply Store | Chicago Paper Co., Chicago | 3,219.60 f.o.b. delivered
Steel and glass partitions to be furnished and installed in 214 David Kinley Hall | Physical Plant | Virginia Metal Products, Inc., Chicago | 4,150.00 f.o.b. delivered and installed

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

Item | Department | Vendor | Cost
---|---|---|---
Contract services, September 1, 1959, through June 30, 1960, for appraisal of farm real estate using soil auger to check soil types (work required in connection with project on "Guide Lines for Appraisal") | Agricultural Economics | Earl F. Crouse, Urbana | 52,500.00 (estimate)
Furnish and install a continuous flow grain drier, 200 bushel per hour capacity | Animal Science | Aeroglide Corp., Raleigh, N.C. | 7,195.00 f.o.b. delivered and installed
<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>95,000 Smead No. T18 covers, white leathereine, 3/4 in. capacity</td>
<td>Extension Service in Agriculture and Home Economics</td>
<td>Crown Office Supply Co., Chicago</td>
<td>$4 815 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One light scattering photometer and accessories; one differential type refractometer</td>
<td>Chemistry and Chemical Engineering</td>
<td>Phoenix Precision Instrument Co., Philadelphia, Pa.</td>
<td>4 495 77 f.o.b. delivered</td>
</tr>
<tr>
<td>One lot laboratory glassware and assorted supplies</td>
<td>General Chemical Stores</td>
<td>Schaar &amp; Co., Chicago</td>
<td>27 805 36 f.o.b. delivered</td>
</tr>
<tr>
<td>84 drums (54 gallons each) C. P. Acetone</td>
<td>General Chemical Stores</td>
<td>The R. J. Brown Co., Decatur</td>
<td>3 316 40 f.o.b. delivered</td>
</tr>
<tr>
<td>Ten cylinders and end plates to be machined from a high alumina and metalized</td>
<td>Coordinated Science Laboratory</td>
<td>Coors Porcelain Co., Chattanooga, Tenn.</td>
<td>3 310 00 f.o.b. Golden, Colo.</td>
</tr>
<tr>
<td>Two NJE Model No. SS-3600-D-199 power supplies, transistorized, solid state D.C., 6-60 V., 0-30 amperes</td>
<td>Digital Computer Laboratory</td>
<td>NJE Corp., c/o Ridgway Engineering, Inc., Chicago</td>
<td>4 200 00 f.o.b. delivered</td>
</tr>
<tr>
<td>73,000 (approximately) answer sheets of statewide testing program to be scored</td>
<td>Bureau of Educational Research</td>
<td>Measurement Research Center, Inc., Iowa City, Iowa</td>
<td>8 760 00 f.o.b. Iowa City, Iowa</td>
</tr>
<tr>
<td>One Tektronix type 551 dual beam oscilloscope</td>
<td>Electrical Engineering</td>
<td>Tektronix, Inc., Elmwood Park</td>
<td>2 921 49 f.o.b. delivered</td>
</tr>
<tr>
<td>Two type &quot;L&quot; plug-in preamplifiers</td>
<td>Library</td>
<td></td>
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</tr>
<tr>
<td>One mobile support</td>
<td>Library</td>
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</tr>
<tr>
<td>Two No. 121 preamplifiers</td>
<td>Library</td>
<td></td>
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<tr>
<td>An early and rare volume, the first book printed in England with Italic, Hebrew, and Arabic type</td>
<td>Library</td>
<td></td>
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</tr>
<tr>
<td>A manuscript including a hitherto unknown and unpublished poem of Bede the Venerable, written in Anglo-Saxon minuscule in England during the late ninth or early tenth century, for scholarly research</td>
<td>Library</td>
<td></td>
<td></td>
</tr>
<tr>
<td>One cradled d.c. dynamometer rated 10 h.p. absorbing and 7 1/2 h.p. motoring complete with slunt, tachometer generator, and control unit</td>
<td>Mechanical Engineering</td>
<td>General Electric Co., Springfield</td>
<td>4 006 50 f.o.b. factory, freight prepaid</td>
</tr>
<tr>
<td>Engineering and materials to design and construct auxiliary equipment to convert Remington Rand Synchronet typewriter to print music and prepare teletype tape from typewritten music</td>
<td>Music</td>
<td>Music Print Corp., Denver, Colo.</td>
<td>2 700 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One testing machine, 10,000 lb. capacity, tension load range 2 grams to 10,000 pounds full scale, 13 constant crosshead speeds, recorder with one second response and eight chart speeds, five tension cells, eight sets grips and jaw faces, and accessories</td>
<td>Physics</td>
<td>Instron Engineering Corp., Canton, Mass.</td>
<td>12 540 00 f.o.b. destination</td>
</tr>
<tr>
<td>One Picker No. 6021: type 50 KVP industrial X-ray unit with type OEG 50-T tube, 8 ft. cable, waterhouse, and connectors</td>
<td>Physics</td>
<td>Picker X-Ray Corp., Chicago</td>
<td>3 317 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One choke oil (current limiting reactor)</td>
<td>Physics</td>
<td>Nethelfer Winding Laboratories, Inc., Trenton, N.J.</td>
<td>9 700 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One spectrophotometer, recording, infrared type, complete with accessories for operation</td>
<td>Radiocarbon Laboratory</td>
<td>The Perkin-Elmer Corp., Chicago</td>
<td>4 890 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One automatic camera microscope and accessories</td>
<td>Surgery</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>4 927 70 f.o.b. delivered</td>
</tr>
<tr>
<td>One automatic super-speed centrifuge and accessories</td>
<td>Medicine</td>
<td>Ivan Sorvall, Inc., Norwalk, Conn.</td>
<td>3 150 00 f.o.b. Norwalk, Conn.</td>
</tr>
<tr>
<td>100,000mysoline tablets</td>
<td>Hospital Pharmacy</td>
<td>Ayerst Laboratories, Chicago</td>
<td>2 668 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
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</tr>
<tr>
<td>Two surgical operating tables</td>
<td>Research and Educational Hospitals</td>
<td>American Sterilizer Co., Chicago</td>
<td>$5,122.00</td>
</tr>
<tr>
<td>Printing and binding 1,500 copies of <em>The Mind and Spirit of John Peter Altgeld</em>, by Henry M. Christman, approximately 179 pages per copy</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>2,500.49</td>
</tr>
<tr>
<td>49 16 mm. films, titles as listed</td>
<td>Audio-Visual Aids Service</td>
<td>International Film Bureau, Inc., Chicago</td>
<td>5,007,00</td>
</tr>
<tr>
<td>54 16 mm. films, titles as listed</td>
<td>Audio-Visual Aids Service</td>
<td>McGraw-Hill Book Co., Inc., New York, N.Y.</td>
<td>5,209.50</td>
</tr>
<tr>
<td>50 dozen baking pans</td>
<td>Housing Division, Residence Halls Food Services</td>
<td>Morton Selz, Inc., Chicago</td>
<td>23,050.87</td>
</tr>
<tr>
<td>72 dozen pie pans</td>
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<tr>
<td>175 dozen bun pans</td>
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<tr>
<td>31 dozen cake pans</td>
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<tr>
<td>31 dozen angel cake pans</td>
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<td></td>
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<tr>
<td>200 tote boxes</td>
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<td></td>
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<tr>
<td>67 dollars 20 dozen cup cake pans</td>
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</tr>
<tr>
<td>Miscellaneous pans, knives, measuring cups, stock pots, strainers, etc.</td>
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<td></td>
</tr>
<tr>
<td>Fire and extended coverage insurance subject to 80 per cent coinsurance on a five-year cash basis covering the Orchard Place Apartments at an insurable value of $600,000 and their contents at an insurable value of $100,000 with total estimated premium of $9,145.23</td>
<td>Housing Division</td>
<td>Dennis B. Bryan, Champaign, representing the Employers Mutual Casualty Co.</td>
<td>$172,500 Building</td>
</tr>
<tr>
<td>30 steel single pedestal desks, 60 x 30</td>
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<tr>
<td>30 steel single pedestal desks, 45 x 30</td>
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<tr>
<td>10 letter size files, five drawer</td>
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<tr>
<td>110 letter size files, four drawer</td>
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<tr>
<td>5 legal size files, four drawer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,150 reams grade “A” English finish book paper in sizes and weights as specified</td>
<td>Illinois Union</td>
<td>Universal Equipment Co., Batesville, Ind.</td>
<td>4,005.68</td>
</tr>
<tr>
<td>8,400 reams No. 1 white sulphite offset paper in various sizes and weights</td>
<td>Office Supply Store</td>
<td>Weber, Hilmer &amp; Johnson, Chicago</td>
<td>16,755.21</td>
</tr>
<tr>
<td>300,000 No. 10 — 20 lb. giant Kraft envelopes</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>150,000 No. 6 3/4 — 20 lb. giant Kraft envelopes</td>
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</tr>
<tr>
<td>50,000 No. 9 — 28 lb. white wove envelopes</td>
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<tr>
<td>275,000 No. 10 — 28 lb. white wove envelopes</td>
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</tr>
<tr>
<td>100,000 No. 6 3/4 — 28 lb. white wove envelopes</td>
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<td></td>
</tr>
<tr>
<td>175 cases napkins, 12 x 13</td>
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<td></td>
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<tr>
<td>125 cases napkins, 12 x 16 3/4</td>
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<tr>
<td>25 cases cups, paper, cold drink, 5 oz.</td>
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</tr>
<tr>
<td>100,000 gallons (approximately)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 fuel oil to be delivered to the University of Illinois Airport during the period of October 1, 1950, through June 30, 1961; price is subject to increase or decrease according to local market price</td>
<td>Office Supply Store</td>
<td>O K Papers, Inc., Chicago</td>
<td>4,349.75</td>
</tr>
<tr>
<td>One turret ladder for truck mounting with maximum working height of 40 feet, all movements to be hydraulically operated by power take-off on truck</td>
<td>Institute of Aviation</td>
<td>Stewart Oil Co., Champaign</td>
<td>8,750.00</td>
</tr>
<tr>
<td>One tractor, lawn mowing type, complete with hydraulic system, five-gang mower, and snow plow to replace similar equipment purchased in 1952; the new five-gang mower is to have a mowing unit to precede the front wheels</td>
<td>Physical Plant</td>
<td>Holan Corp., Cleveland, Ohio</td>
<td>2,810.57</td>
</tr>
<tr>
<td></td>
<td>Physical Plant</td>
<td>H. A. Kuhle Co., Decatur</td>
<td>5,718.77</td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

**Board of Trustees**

*September 16*
Laundry Service and Protective Clothing Rental Service

On May 16, 1959, the Board of Trustees authorized, as purchase recommendations, contracts with Midstate Linen Supply, Inc., Urbana, Illinois, the lowest bidder for laundry service for departments at Urbana for the period July 1, 1959, through June 30, 1961, $92,442.96, and for protective clothing rental service (coats, aprons, and other garments) for the Illini Union, Residence Halls, and Home Economics Cafeteria, for the period July 1, 1959, through June 30, 1961, $35,140.00.

Midstate Linen Supply, Inc., a corporation, is being dissolved and has sold its rental business and name to F. W. Means and Company, Chicago, which will conduct a rental business known as Midstate Linen Supply. The laundry portion of the business has been sold to H. Paul Lincicome, a one-third owner of the present corporation, who will do business as Paul's Laundry Company. Midstate Linen Supply, Inc., has assigned, with no changes in terms or conditions, the laundry contract to Paul's Laundry Company and the rental contract to F. W. Means and Company. The latter also owns the Champaign Clean Towel Service, a firm presently providing the University satisfactory rental service on certain other items. Mr. Lincicome has served as President and Manager of Midstate Linen Supply, Inc., for a number of years. The University's business dealings with both the Champaign Clean Towel Service, and with H. Paul Lincicome as an individual, have been very satisfactory.

It is recommended that the University accept these assignments and that the Comptroller and the Secretary of the Board be authorized to execute consents thereto.

On motion of Mr. Johnston, these purchases and acceptance of the assignments of the laundry service and clothing rental contracts were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period July 1, 1959, to August 31, 1959.
<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of Illinois Department of Public Welfare Project No. 1748</td>
<td>Indices and norms, quantifying conflict and adjustment levels in children based on objective motivation measures</td>
<td>$42,463.00</td>
<td>July 20, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-64</td>
<td>Welded highway structures</td>
<td>15,000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-65</td>
<td>Interrelated highway and agricultural drainage laws and engineering practices</td>
<td>11,000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-66</td>
<td>Study of woody ground covers to control soil erosion</td>
<td>13,000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-67</td>
<td>Study of grass covers to minimize soil erosion</td>
<td>8,500.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-68</td>
<td>Provide guide lines for appraisers in estimating values of property taken for highway purposes</td>
<td>20,000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-69</td>
<td>Study of traffic linkage relationships that exist between communities in a geographic region</td>
<td>10,500.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-70</td>
<td>Social factors associated with traffic generation in a metropolitan area of 75,000 population</td>
<td>7,000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-71</td>
<td>Study effect of major street and highway traffic on urban property values</td>
<td>18,200.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-72</td>
<td>Feasibility of using a short time sonic test to develop a procedure for predicting the creep in concrete</td>
<td>16,000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois Division of Highways Project No. IHR-73</td>
<td>Study of fatigue damage in concrete</td>
<td>8,500.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>State of Illinois State Housing Board United States Air Force AF 01(611)-650</td>
<td>Planning programs for Illinois municipalities</td>
<td>5,000.00</td>
<td>May 6, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 19(604)-5565</td>
<td>Flight instruction</td>
<td>12,035.88</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-5643</td>
<td>Processes in the ionosphere by means of gyro interaction experiments carried out with rockets</td>
<td>40,696.00</td>
<td>June 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 41(677)-279</td>
<td>Nonlinear vibration isolation systems</td>
<td>21,489.00</td>
<td>June 16, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-672</td>
<td>Relationship of Air Force tests to technical high school performance</td>
<td>17,354.00</td>
<td>June 15, 1959</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-3134</td>
<td>Internal friction techniques in the study of diffusion and phase changes in metals</td>
<td>38,574.00</td>
<td>April 29, 1959</td>
</tr>
<tr>
<td>United States Army DA-36-039 SC-84525</td>
<td>Superconductive metals</td>
<td>34,752.00</td>
<td>June 18, 1959</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Education SAE 8310</td>
<td>Direction finder system for the MF-HF-VHF ranger</td>
<td>125,368.00</td>
<td>June 26, 1959</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Education SAE 8367</td>
<td>Counseling and guidance training institute</td>
<td>38,788.00</td>
<td>February 27, 1959</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Education SAE 8370</td>
<td>Effects on use of tests by teachers trained in a summer institute</td>
<td>30,828.00</td>
<td>July 15, 1959</td>
</tr>
</tbody>
</table>
### With Whom
- **United States Navy N228-34217**
- **United States Navy N2947**
- **United States of America International Cooperation Administration ICAC-1100**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Navy N228-34217</td>
<td>Academic instruction</td>
<td>$3,850.00</td>
<td>July 1, 1959</td>
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<tr>
<td>United States Navy N2947</td>
<td>Relation between low cycle fatigue, creep, fracture toughness, and slow crack extension leading to unstable fracture in steels</td>
<td>$20,000.00</td>
<td>June 15, 1959</td>
</tr>
<tr>
<td>United States of America International Cooperation Administration ICAC-1100</td>
<td>Future development of the university in relation to the social and economic needs of Afghanistan</td>
<td>$50,000.00</td>
<td>May 15, 1959</td>
</tr>
</tbody>
</table>

### With Whom
- **State’s Attorney of Champaign County**
- **State’s Attorney of La Salle County**
- **State’s Attorney of Moultrie County**
- **State’s Attorney of Piatt County**

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>State’s Attorney of Champaign County</td>
<td>Services rendered in lieu of taxes</td>
<td>$5,913.98</td>
<td>July 2, 1959</td>
</tr>
<tr>
<td>State’s Attorney of La Salle County</td>
<td>Services rendered in lieu of taxes (Weber farms)</td>
<td>$29,105.28</td>
<td>July 9, 1959</td>
</tr>
<tr>
<td>State’s Attorney of Moultrie County</td>
<td>Services rendered in lieu of taxes (Hackett’s farm)</td>
<td>$3,512.32</td>
<td>July 14, 1959</td>
</tr>
<tr>
<td>State’s Attorney of Piatt County</td>
<td>Services rendered in lieu of taxes (Allerton and Warren farms)</td>
<td>$756.12</td>
<td>June 30, 1959</td>
</tr>
</tbody>
</table>

### Leases

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donald E. Ditzler</td>
<td>Lease of second floor apartment of the Burt House at the U. of I. Airport</td>
<td>$960.00 (July 1, 1959, to June 30, 1960)</td>
<td></td>
</tr>
<tr>
<td>Melvin Greathouse</td>
<td>Lease of the house, house yard, and orchard on the Weber farms in La Salle County</td>
<td>$580.00 (July 1, 1959, to July 1, 1961)</td>
<td></td>
</tr>
<tr>
<td>The National Council of Teachers of English</td>
<td>Lease of south half of the first floor at 704 South Sixth Street</td>
<td>$1,800.00 (July 1, 1959, to June 30, 1960)</td>
<td></td>
</tr>
<tr>
<td>Louis V. Xhignesse</td>
<td>Lease of first floor apartment of the Burt House at the U. of I. Airport</td>
<td>$1,010.00 (September 1, 1959, to August 31, 1960)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Deeke Co. (rental of farm machinery)</td>
<td>Two items: $48.57 to $245.06 annually</td>
<td>$253.63</td>
<td>June, 1959</td>
</tr>
<tr>
<td>Eversman Manufacturing Co.</td>
<td>One model 2-SD Eversman scraper, with attachments</td>
<td>$113.50 annually</td>
<td>July 27, 1959</td>
</tr>
<tr>
<td>Home Savings and Loan Association</td>
<td>Rental of 400 South Grand Avenue West, Springfield, from July 1, 1959, to June 30, 1961</td>
<td>$1,440.00 ($60.00 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>International Harvester Co. (rental of farm machinery)</td>
<td>Twenty-nine items: $4.61 to $919.31 annually</td>
<td>$7,475.38 annually</td>
<td>June and July, 1959</td>
</tr>
<tr>
<td>Minneapolis Moline Co.</td>
<td>One Minneapolis Moline model No. 206 H-4B power and centrifugal irrigation pump with attachments</td>
<td>$175.95 annually</td>
<td>July 20, 1959</td>
</tr>
<tr>
<td>Missouri Avenue Realty Co.</td>
<td>Rental of premises at 338 Missouri Avenue, East St. Louis, Illinois, from July 1, 1959, to June 30, 1961</td>
<td>$948.00 ($83.30 per month)</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>The Papec Machine Co.</td>
<td>One No. 92 Papec forage harvester: one No. 40 blower base with standard equipment</td>
<td>$371.70 annually</td>
<td>June 23, 1959</td>
</tr>
<tr>
<td>University of Illinois Foundation</td>
<td>Rental of a portion of the premises at 704 South Sixth Street, Champaign, from July 1, 1959, to June 30, 1961</td>
<td>$17,000.00 ($700.00 per month)</td>
<td>July 1, 1959</td>
</tr>
</tbody>
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BOARD OF TRUSTEES

Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commercial Solvents Corp.</td>
<td>Vitamins and growth factors in swine nutrition</td>
<td>$3,000.00</td>
<td>June 23, 1959</td>
</tr>
<tr>
<td>Grace Chemical Co.</td>
<td>Non-protein nitrogen in sheep nutrition</td>
<td>2,500.00</td>
<td>March 31, 1959</td>
</tr>
<tr>
<td>Institute of Boiler and</td>
<td>Performance of steam and hot water heating systems and related equipment</td>
<td>35,000.00</td>
<td>June 30, 1959</td>
</tr>
<tr>
<td>Radiator Manufacturers</td>
<td>Achieving an improvement in present knowledge of strong shock interactions</td>
<td>17,800.00</td>
<td>July 22, 1959</td>
</tr>
<tr>
<td>Sandia Corp.</td>
<td>Child behavior and parent-child interaction patterns</td>
<td>2,700.00</td>
<td>July 15, 1959</td>
</tr>
<tr>
<td>State of Illinois</td>
<td>Highway problems</td>
<td>14,500.00</td>
<td>July 14, 1959</td>
</tr>
<tr>
<td>Department of Public Welfare</td>
<td>Riveted and bolted structural joints</td>
<td>10,000.00</td>
<td>July 14, 1959</td>
</tr>
<tr>
<td>Project No. 1726</td>
<td>Impact on highway bridges</td>
<td>24,000.00</td>
<td>July 14, 1959</td>
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<tr>
<td>State of Illinois</td>
<td>Prestressed reinforced concrete highway bridges</td>
<td>29,500.00</td>
<td>July 14, 1959</td>
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<tr>
<td>Division of Highways</td>
<td>Soil exploration and mapping</td>
<td>29,000.00</td>
<td>July 14, 1959</td>
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<tr>
<td>Project No. IHR-2</td>
<td>Determination of waterway areas</td>
<td>11,900.00</td>
<td>July 14, 1959</td>
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<tr>
<td>State of Illinois</td>
<td>Soil aggregate mixtures for highway pavement</td>
<td>25,000.00</td>
<td>July 14, 1959</td>
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<tr>
<td>Division of Highways</td>
<td>Use of admixtures for chemical stabilization of natural soils for road building</td>
<td>13,000.00</td>
<td>July 14, 1959</td>
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<tr>
<td>Project No. IHR-12</td>
<td>Vehicular speed regulation</td>
<td>24,500.00</td>
<td>July 14, 1959</td>
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<tr>
<td>State of Illinois</td>
<td>Equipment for the establishment and maintenance of roadside cover</td>
<td>18,500.00</td>
<td>July 14, 1959</td>
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<tr>
<td>Division of Highways</td>
<td>Widths and cross sections for medians of divided highways</td>
<td>12,500.00</td>
<td>July 14, 1959</td>
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<tr>
<td>Project No. IHR-46</td>
<td>Methods and machines for more efficient application of anhydrous amonia, aqua ammonia, and slurries of dry and liquid nutrients</td>
<td>3,500.00</td>
<td>June 15, 1959</td>
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<tr>
<td>State of Illinois</td>
<td>Gaseous electronics</td>
<td>90,040.00</td>
<td>June 17, 1959</td>
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<tr>
<td>Division of Highways</td>
<td>Antenna research</td>
<td>119,950.00</td>
<td>July 20, 1959</td>
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<tr>
<td>Project No. IHR-47</td>
<td>Relationship of Air Force tests to technical high school performance</td>
<td>7,754.00</td>
<td>July 14, 1959</td>
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<tr>
<td>State of Illinois</td>
<td>Dynamic bearing capacity of soils</td>
<td>6,000.00</td>
<td>June 16, 1959</td>
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<tr>
<td>Division of Highways</td>
<td>Experimental investigations in medicine</td>
<td>13,174.00</td>
<td>June 30, 1959</td>
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<tr>
<td>Project No. IHR-53</td>
<td>Atomic energy research and development</td>
<td>36,600.00</td>
<td>August 19, 1959</td>
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<tr>
<td>State of Illinois</td>
<td>Diffusionless phase changes in non-ferrous metals and alloys</td>
<td>73,000.00</td>
<td>June 11, 1959</td>
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<tr>
<td>Division of Highways</td>
<td>Fatigue behavior of dilute nitrogen</td>
<td>21,249.00</td>
<td>June 11, 1959</td>
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<tr>
<td>Project No. 5</td>
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<tr>
<td>United States Atomic</td>
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<tr>
<td>Energy Commission</td>
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<td>AT(11)-1-67</td>
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<td>Project No. 20</td>
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Date: September 16
UNITED STATES ATOMIC ENERGY COMMISSION

<table>
<thead>
<tr>
<th>Amount to be Paid to the University</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>$4,164.00</td>
<td>June 11, 1959</td>
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<tr>
<td>$77,000.00</td>
<td>June 29, 1959</td>
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<tr>
<td>$173.00</td>
<td>June 8, 1959</td>
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<tr>
<td>$6,000.00</td>
<td>June 12, 1959</td>
</tr>
<tr>
<td>$100,000.00</td>
<td>March 1, 1959</td>
</tr>
<tr>
<td>$30,000.00</td>
<td>August 10, 1959</td>
</tr>
</tbody>
</table>

United States Atomic Energy Commission

Purpose: Synthesis of boron-containing dyes suitable for use in in vitro experiments on mice with glioblastoma tumors

Purpose: Develop and manufacture detection and measuring equipment for the two millimeters wave-length

Purpose: Counseling and guidance training institute

Purpose: Polio surveillance

Purpose: Radio astronomy

Purpose: Low-stress fatigue behavior of materials and structural components of steels typical of ship application

Adjustments Made in 1959-60 Cost-Plus Contract

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

The Comptroller presents his quarterly report to the Board as of June 30, 1959. This report was received for record.

REORGANIZATION OF THE CHICAGO ILLINI UNION BOARD

The Director of the Chicago Illini Union, the Associate Director of the Physical Plant, and the Dean of Student Affairs for the Chicago Professional Colleges, recommend a reorganization and clarification of the functions of the Chicago Illini Union Board to enable it to serve effectively in support of the requirements of the Chicago Professional Colleges.

It is proposed that the Chicago Illini Union Board be organized and changed as follows:

1. Membership (fourteen at present)
   a. One student elected by the student council of each college or school identified with the Chicago Professional Colleges (at present, the Colleges of Dentistry, Medicine, Nursing, Pharmacy, and the Graduate College).
   b. One student member, representative of Chicago Illini Union Board committees, appointed by the Director of the Union on the recommendation of the Social Director.

2. Faculty Members
   One faculty member from each college or school appointed by the Vice-President in charge of the Chicago Professional Colleges.

3. Ex-officio Members
   The Director, the Social Director of the Chicago Illini Union, and the Chairman of the Chicago Professional Colleges Senate Committee on Student Affairs.

4. Terms of Office
   Membership on the Chicago Illini Union Board shall be for a twelve-month period from July 1 of each year.
   To be eligible for election and to hold office, student members must be and remain in good standing in the University. Student members may be re-elected once.
II. Organization and Functions

1. The officers of the Chicago Illini Union Board shall consist of a faculty member as Chairman, a student member as President, each elected by the members of the Board. The Social Director of the Union shall serve as Secretary of the Board. The Chairman will serve as the presiding officer and spokesman of the Board. In the absence of the Chairman, the President shall be the presiding officer.

2. Meetings of the Board shall be held at least once each quarter of the academic year. Additional meetings may be scheduled as required on call of the Chairman.

3. It will be the responsibility of the Chicago Illini Union Board to serve in an advisory capacity to the Director of the Union in relation to planning for effective social, cultural, and recreational programs for individual students, recognized student groups, and other personnel of the Chicago Professional Colleges.

4. The Chicago Illini Union Board may establish committees to assist in carrying out specific phases of its responsibilities. Each committee established to aid in the development of general student programs within the Union building shall consist of at least five students representing recognized and approved student organizations. The Social Director of the Union shall be an ex officio member of each committee established for general student programs. Members of committees shall be appointed by the Chairman of the Board who will be guided in the selection of student members by recommendations of the Social Director of the Union.

Appointment of a Chicago Illini Union Board, as proposed above, is intended to strengthen the relationships of faculty and students and to assist in developing an appropriate environment for student life and activities. It does not change the present responsibility of (1) the Associate Director of the Physical Plant at the Chicago Professional Colleges for the operation and management of the Chicago Illini Union building or (2) the Dean of Student Affairs for the social, cultural, and recreational programs for students within the building. The Director of the Chicago Illini Union serves as the executive agent of the Associate Director of the Physical Plant and the Dean of Student Affairs in relation to management and operating responsibilities.

The Dean of Students, the Director of the Illini Union at Urbana, and the Director of the Physical Plant have been consulted, and their suggestions have been incorporated in this proposed reorganization. The Vice-President in charge of the Chicago Professional Colleges concurs in the recommendations.

I recommend approval of this reorganization to replace the original plan of organization of the Chicago Illini Union approved by the Board of Trustees on July 22, 1941, and as printed on pages 398 to 401 of the minutes of that meeting; and that the President of the University be authorized to approve such changes as may be found necessary from time to time in the light of experience with this new organization.

On motion of Mr. Pogue, these recommendations were approved.

ACCEPTANCE OF VIDEOTAPE RECORDER AND APPROPRIATION FOR INSTALLATION AND ACQUISITION OF EQUIPMENT FOR VIDEOTAPE RECORDER

(23) The National Educational Television and Radio Center has offered the University a videotape recorder, valued at $53,000, and a supply of tape, valued at $10,000, for use by Station WILL-TV. In accepting this offer, the University must agree to pay for installing the recorder and to purchase certain accessories and technical equipment. This is estimated to cost $11,000. In addition, the University must agree to maintain the equipment in good repair and working order and to carry such insurance on it as is customarily carried by broadcasting stations. Title to the recorder would remain in the National Educational Television and Radio Center for five years after which title would be transferred to the University.

I recommend acceptance of this offer, under the conditions indicated, and that an appropriation of $11,000 be made from the General Reserve Fund to meet the University's share of the costs.
On motion of Mr. Swain, acceptance of this equipment was authorized under the conditions stated, and the recommended assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

SALE OF SECURITIES

The Finance Committee requests adoption of the following resolution authorizing the sale of securities which the Committee has approved.

Resolution

WHEREAS, The Board of Trustees of the University of Illinois is the owner of 600 shares of Armstrong Cork Company common stock, and

WHEREAS, the Finance Committee of said Board has determined that it is advantageous to sell the above listed securities,

Now, Therefore, Be It Resolved by the Board of Trustees of the University of Illinois that these securities be sold and that H. O. Farber, Comptroller, and A. J. Janata, Secretary, be authorized to execute all documents necessary to complete such sale.

On motion of Mr. Swain, the foregoing recommendation was adopted.

ASSOCIATION OF GOVERNING BOARDS OF STATE UNIVERSITIES AND ALLIED INSTITUTIONS

President Williamson announced that the annual meeting of this Association will be held at Oklahoma State University, Stillwater, Oklahoma, October 14 to 17, 1959. Mrs. Frances B. Watkins has represented the Board of Trustees of the University of Illinois at some of the previous meetings and has been designated as a delegate this year. If any of the other members of the Board desire to attend, the Secretary will arrange for their representation.

ADDRESS BY DR. DONALD J. CASELEY

At this point, President Henry presented Dr. Donald J. Caseley, Medical Director of the Research and Educational Hospitals, who addressed the Board on the operations of these Hospitals and discussed the expansion of services.

NOVEMBER AND DECEMBER BOARD MEETINGS

On motion of Mrs. Watkins, the Board voted to hold its November meeting on Wednesday, November 18, in Chicago, at the Chicago Undergraduate Division.

On motion of Mrs. Watkins, the Board voted to hold its December meeting in Chicago, at the First National Bank of Chicago, on Wednesday, December 16, 1959.

EXECUTIVE SESSION

At this point, on request of Mr. Clement, an executive session was ordered for consideration of the following item of business:

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(24) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by a member of the staff.

Unstable free radical of adrenalin — Dr. L. G. Abood, Associate Professor of Neurophysiology and Biological Chemistry, inventor. The inventor describes this
invention as an unstable free radical obtained from the oxidation of 1-adrenalin. The compound appears as a powerful inhibitor of many enzyme systems involved in electron transport. It has no immediate therapeutic application; but since it is so highly toxic, it probably should not be used in human studies. Dr. Francis J. Gerty, Head of the Department of Psychiatry, recommends that this invention be released to the inventor, and it is his opinion that it has very little possibility of commercial value.

After study, the members of the Patent Committee available on the campus concurred with the opinion of Dr. Gerty and voted to recommend to the Board of Trustees that this invention be released to the inventor with the following conditions: (1) If the inventor does not apply for a patent, he will agree to release all his rights to the Office of Naval Research, the sponsoring agency under which this development was made. (2) If he does apply for and receive a patent, he will recognize the obligations of the University to the Office of Naval Research.

I concur in this recommendation.

Mr. Clement, for the Committee on Patents, reported that the Committee has approved the foregoing recommendation, and on his motion, the same was approved.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) cancellation of leaves of absence; (6) retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

Adams, Mary J. N., Research Assistant in Microbiology, August 16-31, 1959, $420 a month (8-15-59), and Instructor in Microbiology, September 16, 1959-January 31, 1960, $3000, supersedes (8-7-59).

Adams, Mrs. Ruby L., Assistant in Home Economics (C and S), one year from September 1, 1959, $5000 (8-13-59).

Adelsperger, Robert J., Assistant Serials and Acquisitions Librarian, with rank of Instructor, in the Library (Chicago Undergraduate Division), one year from September 1, 1959, $5800 (7-15-59).

Allen, Charles M., Acting Dean of the College of Education, September 1, 1959, and continuing until further notice, annual salary at the rate of $1,000; this is in addition to his present appointment as Professor of Education, Associate Dean of the College of Education, and University Council on Teacher Education Coordinator (8-7-59).

Alpert, Norman R., Associate Professor of Physiology and Coordinator of Medical Education for National Defense (Medicine), two months from July 1, 1959, $1,000 a month; this is in addition to his present appointment (7-24-59).

Andersen, Burton R., Research Assistant in Medicine (Medicine), one year from July 1, 1959, $4000 (7-13-59).

Andrews, Charles B., Instructor in Orthopaedics, Department of Orthopaedic Surgery, and Orthopaedist in the Respiratory Center (Medicine), two months from July 1, 1959, $900 a month (7-17-59).

Annis, Norman L., Instructor in Art, academic year beginning September 1, 1959, $5000 (8-27-59).


Armato, Rosario P., Assistant in English, nine months from September 16, 1959, $3000 (7-22-59).

Armstrong, Mary B., Assistant in Speech, nine months from September 16, 1959, $3000 (7-22-59).

Aschner, Mary J., Research Assistant Professor in the Institute for Research on Exceptional Children, one year from September 1, 1959, $7500 (8-15-59).
Aston, Katherine O., Instructor in English for Foreign Students, academic year beginning September 1, 1959, $5100 (7-22-59).

Atchinson, Edith M., Resident Assistant in Allen Hall, ten months from August 24, 1959, $1600; for the convenience of the University she will also be furnished board and room valued at $31 a month, while on duty (7-17-59).

Auth, Leo V., Jr., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, $6400, superseded (8-28-59).

Baker, John R., Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).

Banks, Edwin M., Research Assistant Professor in the Division of General Studies, two months from July 1, 1959, $1244, superseded (7-30-59).

Barbato, Iris M., Research Associate in Psychiatry (Medicine), eleven months from October 1, 1959, $6500 a year (8-13-59).

Barber, Mrs. Caroline J., Serials Cataloger, with rank of Instructor, in the Library, one year from September 1, 1959, $5500 (7-17-59).

Barnes, Edward E., Instructor in Agricultural Extension and Assistant State Leader of Farm Advisers (E), one year from September 1, 1959, $9000 (7-31-59).

Barnes, Ted J., Instructor in Speech, academic year beginning September 1, 1959, $6200 (8-25-59).

Bartel, Mrs. Christina G., Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, $4400 (8-25-59).

Beberman, Max, Professor of Education (University High School) (College of Education, Graduate College), May 1-August 15, 1959, $1022; this is in addition to his previous appointment; and Professor of Education (University High School), in the College of Education on indefinite tenure to render service during each academic year and in the Graduate College for the academic year beginning September 1, 1959, $14,700 (7-31-59).

Beratan, Leon, Visiting Lecturer in Civil Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1959, $7000 (8-28-59).

Berger, Jean, Visiting Lecturer in Musicology (School of Music), academic year beginning September 1, 1959, $9000 (7-31-59).


Bess, Leon, Assistant Professor of Physics (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1959, $3500 (7-31-59).

Biswas, Debajit K., Postdoctoral Research Assistant in Animal Science (S), one year from September 1, 1959, $5200 (8-4-59).

Black, Lindsay M., Research Professor of Botany, two months from June 16, 1959, $1288.88 a month; this is in addition to his present appointment (7-15-59).

Blanchard, Woodrow W., Research Assistant in Microbiology, one year from September 1, 1959, $4400 (9-1-59).

Blumenthal, Jerome, Assistant in English (Chicago Undergraduate Division), September 16-January 31, 1960, $2000 (7-15-59).

Boersma, Larry, Assistant Professor of Agricultural Engineering (S), July 15-August 31, 1959, $650 a month (7-15-59).

Bozak, Richard E., Research Associate in Chemistry, one year from October 1, 1960, $5500 (7-31-59).

Breen, Harry F., Jr., Instructor in Art, academic year beginning September 1, 1959, $5700 (7-31-59).

Brooks, Ernest K., Clinical Assistant in Medicine (Medicine), three months from June 1, 1959, without salary (2-21-59).

Brotherson, Donald E., Research Assistant Professor of Architecture (Small Homes Council-Building Research Council and Department of Architecture), August 16-31, 1961, $8800 a year (8-26-59).

Broth, Eugene E., Instructor in English (Division of Business English), 1/2 time, academic year beginning September 1, 1959, $3000 (8-15-59).

Brown, Raymond B., Instructor in Art, academic year beginning September 1, 1959, $5000 (7-17-59).

Brown, Richard M., Research Professor of Physics and of Electrical Engineering
on indefinite tenure, and in the Coordinated Science Laboratory for one year, beginning September 1, 1959, $17,000 a year, superseded (8-28-59).

Buddemeier, Wilbur D., Professor of Farm Management (Agricultural Economics), indefinite tenure, and Group Leader of Regional Agricultural Contract-India, two years, beginning September 1, 1959, $11,500 a year, superseded (9-3-59).

Butcher, Harold J., Research Associate in Psychology, one year from September 1, 1959, $6000 (7-17-59).

Carmen, Samuel G., Assistant in Agronomy (C), full time, September 1, 1959-January 31, 1960, $4600 a year, and ½ time, February 1, 1960-August 31, 1960, $2300 a year (8-25-59).

Carroll, John R., Associate Professor of Mechanical Engineering (C), ½ time, indefinite tenure beginning September 1, 1959, to render service during each academic year, $5467 a year, supersedes (8-25-59).

Caton, Charles E., Instructor in Philosophy, academic year beginning September 1, 1959, $5000 (7-31-59).

Cederstrand, Carl, Research Assistant in Botany, one year from September 1, 1959, $5000 (8-25-59).

Chalmers, Ruth, Research Assistant in Electrical Engineering (S), two months from July 1, 1959, $375 a month, superseded (7-10-59); and for one year from September 1, 1959, $4500 (8-7-59).

Chillag, Joan M., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1959, $5000 (7-31-59).

Chin, Bessie, Catalog Assistant in the Library, one year from September 1, 1959, $4800 (8-25-59).

Clarke, Kenneth S., Supervisor of Special Services, with rank of Assistant, in the Student Rehabilitation Center (College of Physical Education), one year from September 1, 1959, $6000 (7-31-59).

Cochran, Barbara Joan, Assistant Dean of Women, one year from September 1, 1959, $6100 (7-28-59).

Colburn, Irving W., Assistant Professor of Architecture (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1959, $3750 (7-31-59).

Conrad, H. Edward, Research Associate in Chemistry, one year from July 1, 1959, $7300 (7-31-59).

Cooley, Jack C., Clinical Assistant Professor of Physiology, September 1, 1959-June 1, 1961, without salary (8-7-59).

Cooper, Duane H., Research Associate Professor of Physics and of Electrical Engineering on indefinite tenure, and in the Coordinated Science Laboratory for one year, from September 1, 1959, $14,200 a year, superseded (8-28-59).

Corley, Robert E., Assistant Professor of Social Sciences (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, ½ time, $667 for the period (7-13-59).

Cowling, Keith G., Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, $888.88 (7-17-59).

Cromwell, Charles G., Instructor in Radio and Television (College of Journalism and Communications), ¼ time, academic year beginning September 1, 1959, $3550, superseded (7-22-59).

Dalesski, David J., Instructor in Political Science, academic year beginning September 1, 1959, $6000 (8-25-59).

Davis, J. Calvin, III, Research Assistant in Medicine (Medicine), one year from July 1, 1959, $4400 (7-13-59).

Delfs, Harry J., Jr., Instructor in Chemistry (Physical Sciences) (Chicago Undergraduate Division), ½ time, September 1, 1959-January 31, 1960, $360 a month (7-13-59).

Dembski, William J., Instructor in Biological Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1959, $4800 (8-28-59).

Dewhirst, Donald L., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1959, $5000, superseded (8-13-59).

Dharmarajan, Sangiah, Research Associate in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1959, $2500 (7-31-59).
Dial, Mrs. Jeanne, Research Assistant in Microbiology, July 1, 1959-August 31, 1960, $4800 a year (7-22-59).

Drenkamp, John, Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).

Doyle, Anne, Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).

Drake, John W., Instructor in Microbiology, two months from July 1, 1959, $1166.66 (8-5-59).

Drew, George J., Assistant in Education (University High School), nine months from September 16, 1959, $3800 (7-22-59).

Doyle, Anne, Assistant in English, nine months from September 16, 1959, $3800 (8-7-59).

Drake, John W., Instructor in Microbiology, two months from July 1, 1959, $1166.66 (8-5-59).

Drew, George J., Assistant in Education (University High School), nine months from September 16, 1959, $3800 (7-22-59).

Drake, John W., Instructor in Microbiology, two months from July 1, 1959, $1166.66 (8-5-59).

Drew, George J., Assistant in Education (University High School), nine months from September 16, 1959, $3800 (7-22-59).

Drake, John W., Instructor in Microbiology, two months from July 1, 1959, $1166.66 (8-5-59).

Drew, George J., Assistant in Education (University High School), nine months from September 16, 1959, $3800 (7-22-59).

Drake, John W., Instructor in Microbiology, two months from July 1, 1959, $1166.66 (8-5-59).
GOLDSMITH, HERBERT, Associate Professor of Education, in the College of Education on ½ time and in the Institute for Research on Exceptional Children on ½ time, on indefinite tenure beginning September 1, 1959, to render service during each academic year, $7000 a year, supersedes (8-7-59).

GONZALEZ, MANUEL C., Research Assistant in Radiology (Dentistry), one year from September 1, 1959, $5000 (7-22-59).


GOTTLEB, SEYMOUR L., Instructor in Radiology (Dentistry), ½ time, July 1, 1959-August 31, 1960, $3500 a year (7-31-59).

GRANT, PAUL B., Jr., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1959, $4500 (7-31-59).

GRAY, MRS. MARY T., Research Assistant in the Digital Computer Laboratory, nine months from September 16, 1959, $3000 (8-15-59).

GREENBERG, RUUVEN, Associate Professor of Physiology (Medicine), August 16, 1959-September 15, 1959, $1072; this is in addition to his present appointment (8-14-59).

GREENWOOD, GEORGE W., Research Associate in Civil Engineering, Bureau of Community Planning, academic year beginning September 1, 1959, $6000 (7-22-59).

GRIFFENS, LORRAINE E., Registered Pharmacist and Research Associate in Manufacturing Pharmacy (Pharmacy), one year from September 1, 1959, $6000 (8-10-59).

GRIMM, CLYDE, Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).

GRUBERT, HEINRICH, Research Associate in Chemistry, September 1, 1959-February 15, 1960, $447.50 a month (7-17-59).

GUTTENBERG, LORRAINE E., Research Associate in Plant Pathology (S), one year from September 1, 1959, $6000 (7-31-59).

HANDLEY, PAUL, Assistant Professor of Electrical Engineering and of Physics (C), two years from September 1, 1959, to render service during each academic year, $8500 a year, superseded (8-1-59).

HANNAH, HAROLD W., Professor of Agricultural Law and Consultant to the Administrator, U. P. Agricultural University in India, four months from August 1, 1959, $1333.34 a month; this is in addition to his appointment as Professor of Agricultural Law in the Department of Agricultural Economics (8-7-59).

HART, ALICE G., Visiting Lecturer in Education (University High School), ten months from August 16, 1959, $5000, superseded (7-20-59).

HART, EMILY S., Research Assistant in Chemistry, one year from September 1, 1959, $4000 (8-7-59).

HARVEY, ROBERT O., Associate Professor of Finance, full time from July 1-31, 1959, and ½ time from August 1-15, 1959, $1390 for the period; this is in addition to his present appointment (7-22-59).

HASLETT, JARED W., Instructor in Physics (Chicago Undergraduate Division), academic year beginning September 1, 1959, $6300 (7-13-59).

HATCH, GAYLORD F., Assistant in History of Civilization (Division of General Studies), nine months from September 16, 1959, $3800 (7-31-59).

HAZEWINKEL, AART, Research Assistant in Psychology and in the Bureau of Educational Research, nine months from September 16, 1959, $3600 (8-25-59).

HAYLETT, THOMAS C., Research Associate in City Planning and Landscape Archi-
tecture, three months from June 16, 1959, two months on 3/4 time and one month on full time, at the rate of $666.66 a month; this is in addition to his present appointment (7-25-59).

HEDGES, ROBERT A., Associate Professor of Finance, indefinite tenure, September 1, 1959: 1/2 time and 1/2 salary from September 1, 1959, through August 31, 1960, $1000; on leave of absence 3/4 time without pay from September 1, 1959, through August 31, 1960; and Ford Foundation Faculty Fellow for one year from September 1, 1959, $5778, at a total salary of $9778 (8-7-59).

HENDRIX, GERTRUDE, Research Assistant Professor of Education (University High School), four months from May 1, 1959, $916.67 a month, supersedes (7-31-59).


HINCHCLIFF, MRS. BETHEL A., Assistant to the Dean of Women, 1/2 time, nine months from September 16, 1959, $1000 (8-25-59).

HODGMAN, DONALD R., Associate Professor of Economics, indefinite tenure, September 1, 1959: 1/2 time and 1/2 salary from September 1, 1959, through August 31, 1960, $4750; on leave of absence 3/4 time without pay from September 1, 1959 through August 31, 1960; and Ford Foundation Faculty Fellow for one year from September 1, 1959, $6862, at a total salary of $11,612 (8-7-59).

ZOFFMAN, RICHARD L., Instructor in Histology (Dentistry), 3/5 time, one year from September 1, 1959, $4500 (8-1-59).

HOPKINS, JERRY D., Assistant in English for Foreign Students, nine months from September 16, 1959, $4100 (7-22-59).

HORNBECK, PETER L., Instructor in City Planning and Landscape Architecture, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, $2900 (7-31-59).

HOSLER, E. RAMON, Instructor in Chemical Engineering, 1/2 time, academic year beginning September 1, 1959, $2800 (8-1-59).

HUBBARD, O'DEAN, Research Assistant in Food Technology (S), July 1, 1959-August 31, 1960, $5000 a year, supersedes (7-17-59).

HUTCHINSON, JAMES G., Research Assistant in Sociology, one year from September 1, 1959, $6250 (8-28-59).

ICHIMURA, SHOJI, Research Associate in Botany, one year from September 1, 1959, $5000, supersedes (8-31-59).

JACOBS, J. Research Associate in Dairy Science (C and S), one year from September 1, 1959, $6000 (8-7-59).

JANES, ROBERT W., Associate Professor of Sociology, one month from August 1, 1959, $444.45; this is in addition to his present appointment (7-31-59).

JOHN, KARL O., Research Associate in Chemistry, September 1, 1959-April 15, 1960, $500 a month, supersedes (8-7-59).

JORDAN, L. Research Assistant in Psychology, with rank of Assistant Professor, one year from September 1, 1959, without salary (7-31-59).

JUGENHEIMER, ROBERT W., Professor of Plant Genetics (Agronomy), indefinite tenure; Assistant Dean of the College of Agriculture, Assistant Director of the Agricultural Experiment Station, and Assistant Coordinator of International Cooperation Administration Programs, July 1, 1959-August 31, 1961, at an annual salary of $12,500, supersedes (7-20-59).
Kabler, Milton M., Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, $6,500 (8-1-59).

Kay, Jack G., Instructor in Inorganic Chemistry, academic year beginning September 1, 1959, $900.00 (7-31-59).

Kemmeer, Harleigh R., Instructor in Horticulture (C and S) and in the Physical Plant, two months from July 1, 1959, $1,283.34 (8-25-59).

Key, Joe L., Research Associate in Chemistry, seven months from August 1, 1959, $4,583.4 a month (8-15-59).

Kimovec, Franc, Instructor in Radiology (Medicine), ½ time, two months from July 1, 1959, $300 a month (7-22-59).

Klein, George, Assistant in Animal Science (S), two months from July 1, 1959, $366.66 a month, supersedes (8-1-59); and two months from September 1, 1959, $366.67 a month (8-7-59).

Klapperich, A. J., Assistant Professor of Electrical Engineering (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, $1,145 for the period (7-10-59).

Klassen, Peter P., Professor of Social Sciences (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, ½ time, $950 for the period, supersedes his previous Summer Session appointment (7-10-59).

Koelling, Alfred C., Assistant in Botany, nine months from September 16, 1959, $3,600 (8-7-59).

Kokatnur, Mohan, Assistant in Food Technology (S), July 15-August 31, 1959, $166.66 a month (7-17-59).

Kreier, Julius P., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), ¼ time, one year from September 1, 1959, $4350, supersedes (8-25-59).

Krishna, Kumar, Assistant in Biological Sciences (Chicago Undergraduate Division), nine months from September 16, 1959, $4,200 (8-28-59).

Kuzmanic, Betty J., Instructor in Mathematics (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1959, $2,400 (7-13-59).

Lance, Mrs. Betty R. G., Instructor in Spanish, academic year beginning September 1, 1959, $5,500 (8-1-59).

Langdon, Mrs. Marjorie M., Assistant in Student Counseling Service (Provost's Office), one year from September 1, 1959, $5,500 (8-14-59).

Larson, Marilyn, Assistant in Veterinary Pathology and Hygiene (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, $4,500 (8-25-59).

Laschober, Robert R., Research Associate in Mechanical Engineering (C), August 10, 1959-August 31, 1960, $7,500 a year (7-22-59).

Lasher, Sim, Instructor in Mathematics (Chicago Undergraduate Division), academic year beginning September 1, 1959, $5,000 (7-17-59).

Law, Joan C., Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1959-January 31, 1960, $2,250 (7-31-59).

Leichner, Gene H., Assistant Professor in the Measurement Program (S), ½ time, two months from June 16, 1959, $728 for the period; this is in addition to his present appointment (7-22-59).

Lewis, Oscar, Professor of Anthropology and Associate Member in the Center for Advanced Study in the Graduate College for one year from September 1, 1959, services to be rendered on the basis of twelve months except for allowable vacation, $13,690 for the year; Professor of Anthropology on indefinite tenure beginning September 1, 1960, annual salary of $11,200, services to be rendered during the academic year (7-31-59).

Lingard, Donald R., Instructor in Veterinary Clinical Medicine (College of Veterinary Medicine) and in Veterinary Research (Agricultural Experiment Station), one year from September 1, 1959, $6,400.00, supersedes (8-28-59).

Linneman, William, Assistant in English, nine months from September 16, 1959, $3,800 (7-22-59).

Laczynski, Walter T., Instructor in History, academic year beginning September 1, 1959, $5,000 (7-17-59).

Lutton, William R., Instructor in Foreign Languages (Chicago Undergraduate Division) academic year beginning September 1, 1959, $4,000, supersedes (8-28-59).
LYKE, JAMES B., Instructor in Music, academic year beginning September 1, 1959, $5700 (8-25-59).

MACKLER, HYMAN, Research Associate in Preventive Medicine (Medicine), six months from July 1, 1959, $8040 a year (7-21-59).

MAISER, BARBARA, Research Assistant in Chemistry, one year from September 16, 1959, $4800 (7-22-59).

MAIER, JAMES A., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1959, $4800, in addition to $500 paid from Student Athletic Activities, total salary, $5300 (7-13-59).

MANSUD, MICHAEL G., Instructor in Physical Education for Men (Chicago Undergraduate Division), academic year beginning September 1, 1959, $4800, in addition to $600 paid from Student Athletic Activities, total salary $5400 (7-13-59).

MARSH, JOHN O., Assistant Professor of Foreign Languages (Chicago Undergraduate Division), Summer Session of 1959, June 16-August 14, 1959, $1423 for the period, supersedes his previous Summer Session appointment (7-10-59).

MARTELL, MICHAEL J., JR., Research Associate in Chemistry, one year from September 1, 1959, $4800 (8-15-59).

MARX, WERNER, Instructor in German, academic year beginning September 1, 1959, $5000 (7-17-59).

MATCHETT, WILLIAM H., Research Assistant in Botany, full time for two months from July 1, 1959, $410 a month, and ½ time for ten months from September 1, 1959, $205 a month (7-22-59).

McCLELLAND, DAN R., Adjutant in the Department of Military Science and Tactics (Army ROTC), 1/10 time, August 1, 1959-August 31, 1960, $600 a year (7-31-59).

McDONALD, GERALD O., Assistant Professor of Surgery (Medicine), 9/10 time, two months from July 1, 1959, $625 a month (8-14-59).

McGRATH, BARBARA, Research Assistant in Home Economics (S), one year from September 1, 1959, $4800 (8-7-59).

MCINTYRE, LUCY MAY S., Resident Assistant in Arbor Suites, ten months from August 24, 1959, $1600; for the convenience of the University, she will also be furnished board and room while on duty (7-20-59).

MCKINNON, DANA G., Assistant in English, nine months from September 16, 1959, $3600 (7-22-59).

MCMAHON, PAUL E., Spectroscopist in the Department of Chemistry and Chemical Engineering on ¼ time, and Research Assistant in Chemistry on ¼ time (College of Liberal Arts and Sciences, Graduate College), one year from September 1, 1959, $4100, supersedes (8-25-59).

MCULLEN, STEWART Y., Professor of Management on indefinite tenure, and Head of the Department for two years, from September 1, 1959, $20,000 a year (7-20-59).

MCPIERSON, MURRAY B., Professor of Hydraulic Engineering (Civil Engineering) (C), August 26-August 31, 1959, $215 (7-21-59).

MEVEROWITZ, JOSEPH H., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, $6000 (8-25-59).

MICHAELS, ROGER C., Instructor in Full and Removable Partial Dentures (Dentistry), ½ time, one year from September 1, 1959, $3300 (8-1-59).

MIKOLAJCZYK, HENRY L., Associate Professor of Architecture (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, $1940 for the period (7-10-59).

MILLER, LAURENCE H., Catalog Assistant in the Library, one year from September 1, 1959, $5000 (8-25-59).

MILLER, SOL, Research Assistant in Anthropology, five months from September 1, 1959, $366.67 a month (7-20-59).

MINAMI, KAZUMORI, Research Associate in Chemistry, one year from September 1, 1959, $5370 (7-21-59).

MINON, MURRAY, Research Associate in the Institute of Communications Research (College of Journalism and Communications), ¼ time, academic year beginning September 1, 1959, $4000 (7-31-59).

MITCHELL, GRAHAM, Assistant in English for Foreign Students, nine months from September 16, 1959, $4200 (7-22-59).
MITRI, Talaat K., Research Assistant in the State Natural History Survey, ½ time for nine months from September 1, 1959, and full time for three months from June 1, 1960, full time salary at the rate of $370 a month (7-31-59).

MIYAMOTO, Shigeru, Research Assistant in Psychiatry (Medicine), one year from September 1, 1959, $4500 (8-1-59).

MIZUKAMI, Hiroshi, Research Assistant in Botany, August 16-August 31, 1959, $200 (9-1-59).

MONTGOMERY, Benedict W., Instructor in Physical Education for Men (Chicago Undergraduate Division), ½ time, June 19-August 31, 1959, $623; this is in addition to his present appointment (7-9-59).

MOORE, Alvin D., Instructor in Art, academic year beginning September 1, 1959, $5800 (9-1-59).

MORINAGA, Kenichi, Research Associate in Chemistry, one year from September 1, 1959, $5500 (7-31-59).

Moses, Mrs. Dorothy H., Research Assistant in Anatomy (Medicine), eleven months from August 1, 1959, $4500 a year (7-24-59).


MURPHY, Kenneth H., Assistant Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, $1328 for the period (7-10-59).

MURRELL, Thomas A., Associate Professor of Electrical Engineering, in the Department of Electrical Engineering on ½ time and in the Digital Computer Laboratory on ½ time, indefinite tenure beginning September 1, 1959, to render service during each academic year, $8700 a year, supersedes (8-25-59).

MUVIDI, Bichara B., Research Associate in Theoretical and Applied Mechanics (C), time, February 1-June 15, 1960, to render service during the second semester of the academic year, $1251 (8-1-59).

NACHTMANN, William, Assistant Professor of French and Coordinator of the Language Laboratory, two years from September 1, 1959, to render service during each academic year, $6800 a year (8-7-59).

Nakayama, Tsushi, Research Associate in Chemistry, one year from September 1, 1959, $5800 (8-7-59).

Noda, Kenichi, Research Associate in Psychiatry (Medicine), one year from September 1, 1959, $5500 (7-22-59).

Nojima, Shoichichi, Research Associate in Chemistry, one year from September 1, 1959, $5700 (8-10-59).

O’Connell, James S., Research Associate in Physics (C), ½ time, one year from September 1, 1959, $3250, supersedes (8-28-59).

O’Donnell, Bernard, Assistant in English, nine months from September 16, 1959, $3600 (7-22-59).

Ohmura, Takao, Research Associate in Agronomy (S), four months from July 1, 1959, $1800 (7-22-59).

Olsen, (Miss) Furuzan, Commerce and Sociology Library Assistant, with rank of Instructor, one year from September 1, 1959, $3800 (8-14-59).

Opdahl, Keith, Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).

Orinsky, Nancy, Research Associate in Psychiatry (Medicine), July 15, 1959-August 31, 1960, $6250 a year (7-22-59).

Orvedahl, Jesse A., Research Associate in Education (University High School), ten months from September 1, 1959, $6000 (9-1-59).

Ossman, Edward T., Assistant in Accountancy (Chicago Undergraduate Division), nine months from September 16, 1959, $3800 (8-7-59).

Paraccius, Algis, Instructor in Theoretical and Applied Mechanics (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, $1356 for the period (7-10-59).

Paden, Donald W., Professor of Economics (Department of Economics, Department of Sociology and Anthropology, and Provost’s Office), June 15-August 14, 1959, $2223; this is in addition to his present appointment (6-7-59).

Painter, Norman W., Lecturer in Sociology, academic year beginning September 1, 1959, $7200 (8-26-59).

Parker, Eileen, Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1959, $5000 (8-28-59).
PARTCH, HARRY, Research Associate in Music, one year from June 16, 1959, $5500 (7-22-59).
PATTERSON, BRAXTON I., Instructor in Economics, academic year beginning September 1, 1959, $6500 (8-7-59).
PAYTON, ANN, Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1959, $4200 (7-13-59).
PFEIDERER, MARILYN R., Instructor in Music, academic year beginning September 1, 1959, $5800 (8-7-59).
PHEILIGE, MRS. MARY R., Research Assistant in Plant Pathology (S), July 1, 1959-August 31, 1960, $4400 a year (7-17-59).
PFEIL, CLARENCE A., Assistant Professor of Mathematics, two years from September 1, 1959, to render service during each academic year, $6500 a year (7-31-59).
PORTER, MAURICE G., Instructor in Civil Engineering (C), 1/2 time, academic year beginning September 1, 1959, $3200 (7-31-59).
POWNALL, GEORGE A., Research Assistant in Sociology, one year from September 1, 1959, $5800, supersedes (8-25-59).
PRENSKY, WOLF, Assistant in Agronomy (S), July 1-September 15, 1959, $400 a month (7-22-59).
PRESTIPLIO, FRANK E., Instructor in Medicine (Medicine), for one year from July 1, 1959, without salary, supersedes salaried appointment (7-21-59).
PRINCIC, WALTER, Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).
PROFF, FRED C., Associate Professor of Education, August 9-22, 1959, $433.50; this is in addition to his present appointment (7-28-59).
REED, MARY, Assistant in English (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, $2100 (8-28-59).
REIDMAN, DONALD, Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).
RICHARDSON, JOHNF., Associate Professor of Art (Chicago Undergraduate Division), Summer Session of 1959, June 22-August 14, 1959, $1794 for the period (7-10-59).
RICHEY, ROBERT D., Assistant in Education (University High School), nine months from September 16, 1959, $5200 a year (8-25-59).
RIMBEY, DONALD H., Instructor in General Engineering (C), academic year beginning September 1, 1959, $5600 (7-22-59).
ROBERTS, JOHN, Assistant in English, nine months from September 16, 1959, $3800 (7-22-59).
ROBINSON, GEORGE A., Jr., Research Associate in Education (University High School), academic year beginning September 1, 1959, $4500 (8-12-59).
ROOTS, BETTY I., Research Associate in Physiology, one year from August 1, 1959, $4000 (8-25-59).
ROSENSTEIN, DOROTHY, Instructor in Social Work, academic year beginning September 1, 1959, $6000 (7-17-59).
ROMAN, JOSEPH J., Research Associate in Mathematics, academic year beginning September 1, 1959, $5500 (7-20-59).
RUST, VELMA I., Assistant in Education, 1/2 time, June 15-August 8, 1959, $500; this is in addition to her 1/2 time Summer Session appointment (7-21-59).
SANCHEZ, Jose, Associate Professor of Foreign Languages (Chicago Undergraduate Division), June 19-August 31, 1959, $1756 for the period (7-10-59).
SASAKI, TEICHI, Research Associate in Chemistry, one year from September 1, 1959, $5700 (8-7-59).
SAYAGE, SCOTT M., Assistant in Agronomy (S), two months from July 1, 1959, $400 a month, supersedes (7-22-59).
SCHMEROLD, WILFRED L., Assistant in Dermatology (Medicine), ten months from September 1, 1959, without salary (7-24-59).
SCHMIDT, FRED H., Research Assistant in Entomology, two months from June 16, 1959, $400 a month, supersedes (7-31-59).
SCHWEMM, MRS. BARBARA, Research Assistant in Chemistry, July 16-September 30, 1959, $1000 (7-24-59).
SEIDEN, ESTHER, Research Associate in the Digital Computer Laboratory, two months from June 16, 1959, $555.55 a month (7-15-59).
SEIWA, TAKENHIKO, Research Assistant in Physiology, June 1-September 15, 1959, $400 a month (7-22-59).
SHARAF, HUSSEIN A., Research Assistant in Accountancy, one year from August 1, 1959, $5000 (8-7-59).

SHEKELLE, RICHARD B., Research Associate in Psychiatry (Medicine), July 1, 1959-August 31, 1960, $6500 a year (7-24-59).

SHEPPARD, ALAN J., Assistant in Animal Science (S), two months from July 1, 1959, $366.66 a month (8-3-59).

SHKLAIR, IRVING L., Research Associate in Applied Materia Medica and Therapeutics (Dentistry), 1/10 time, July 1, 1959-August 31, 1960, $800 a year (7-22-59).

SIMS, FAY M., Research Associate in Farm Management (Agricultural Economics) (S), one year from September 1, 1959, $7000, supersedes (8-31-59).

SMITH, ROBERT J., Instructor in English (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1959, $2400 (7-13-59).

SOHN, MARJORIE A., Instructor in Home Economics (C), academic year beginning September 1, 1959, $5100 (8-7-59).

STREET, BETTY A., Instructor in Home Economics (C), academic year beginning September 1, 1959, $5000 (7-28-59).

TALENTO, GEORGE A., Assistant in Sociology, two months from June 16, 1959, $800 (7-14-59).

TASCHINI, PIER A., Research Associate in Medicine (Medicine), one year from September 1, 1959, $5000 (7-28-59).

TELLING, MRS. PFER H., Resident Assistant in Arbor Suites, ten months from August 24, 1959, $1600; for the convenience of the University, she will also be furnished board and room while on duty (7-20-59).

THIBODEAUX, VICTOR J., Research Assistant Professor of Ceramic Engineering (S), June 20-August 31, 1959, $708.33 a month, supersedes; and for one year from September 1, 1959, $8500 (7-17-59).

TESSER, VICTOR, Research Assistant Professor of Ceramic Engineering (S), one year from September 1, 1959, $7870 (7-31-59).

TIBBO, GEORGE A., Assistant in Sociology, academic year beginning September 1, 1959, $800 (7-14-59).

TOMAS, TETSUO, Research Associate in Chemistry, one year from September 1, 1959-February 29, 1960, $5700 a year (7-5-59).

TUOMI, ROBERT J., Instructor in Political Science, academic year beginning September 1, 1959, $6000 (8-28-59).

PHELPS, MARJORIE, Instructor in Home Economics (C), academic year beginning September 1, 1959, $5100 (8-7-59).

STEIN, HERBERT J., Research Associate in Accounting (S), one year from September 1, 1959, $6000 (7-31-59).

STEIN, HUBERT, Research Associate in Accounting (S), 1/2 time, academic year beginning September 1, 1959, $8500 (7-17-59).

STURDIVANT, RICHARD, Assistant in Sociology, academic year beginning September 1, 1959, $8500 (7-22-59).

STUART, RICHARD, Research Associate in Accounting (S), one year from September 1, 1959, $6000 (7-31-59).

STROTT, GEORGE A., Assistant in Sociology, academic year beginning September 1, 1959, $800 (7-14-59).

TUGANOW, ALAN J., Assistant in Accounting (S), one year from September 1, 1959, $6000 (7-31-59).

TYLER, ELIZABETH, Research Associate in Accounting (S), one year from September 1, 1959, $6000 (7-31-59).
TORT, FERDINA J., Instructor in Foreign Languages (Chicago Undergraduate Division), Summer Session of 1959, June 19-August 14, 1959, $1200 for the period, supersedes previous Summer Session appointment (7-10-59).

TRAXLER, NAYOMIE D., Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1959, $5000 (7-15-59).

TSUCHIYAMA, HIDEO, Research Assistant in Food Technology (S), one year from September 1, 1959, $5000 (7-17-59).

TUCKER, ROBERT H., Instructor in Architecture, academic year beginning September 1, 1959, $5500 (8-7-59).

TUNG, (MISS) KUO FANG, Assistant in Land Economics (Agricultural Economics) (S), two months from July 1, 1959, $888.88 (7-9-59).

VAN HORN, CHARLES J., Research Associate in Education (University High School), July 1, 1959-August 31, 1960, $10,000 a year (7-31-59).

VAN NOTE, ROY N., Bibliographer, with rank of Instructor, in the Library, ½ time for nine months from September 1, 1959, $243.33 a month, and full time for three months from June 1, 1960, $866.66 a month, supersedes (8-13-59).

VARANDAN, P. T., Research Assistant in the Radiocarbon Laboratory, one year from September 1, 1959, $5200 (7-31-59).

VELLESTOS, ANESTIS S., Associate Professor of Civil Engineering (S), two months from July 16, 1959, this is in addition to his present appointment (8-25-59).

WEBER, HERWARD A., Research Associate in Chemistry, one year from August 1, 1959, $6000 (7-31-59).

WALKER, RALPH, Assistant in English for Foreign Students, nine months from September 16, 1959, $4400 (7-22-59).

WANG, MAOW SHIU, Research Assistant in Soils (Agronomy) (S), one year from September 1, 1959, $5000 (8-25-59).

WARD, DAVID A., Research Assistant in Sociology, one year from September 1, 1959, $5800, supersedes (8-25-59).

WARE, EDWARD E., Research Associate in the Institute of Communications Research, ½ time, $4425; and Instructor in Journalism, ½ time, $1475, total salary $5900, for the academic year beginning September 1, 1959 (8-1-59).

WARWARUK, ALEXANDRA, Research Assistant in Agricultural Entomology (S), July 1, 1959-August 31, 1960, $4400 a year (7-17-59).

WEINBERG, MARYLIN G., Assistant in Medicine (Medicine), one year from September 1, 1959, $5050 (8-1-59).

WERDELIN, INGVAR K., Visiting Lecturer in Education (University High School), ten months from August 1, 1959, $4500 (7-22-59).

WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College, Illinois Natural History Survey), ½ time, September 1, 1959-May 31, 1960, $2400 a year, and full time June 1, 1960-August 31, 1960, $4800 a year (8-25-59).

WHITENER, ROBERT W., Psychiatrist and Assistant Professor of Hygiene (Health Service), two years from September 1, 1959, $14,200 a year, supersedes (7-25-59).

WHITNEY, GREENE R., Research Assistant in Psychiatry (Medicine), July 1, 1959-August 31, 1960, $4800 a year (7-24-59).

WICKS, EUGENE C., Instructor in Art, academic year beginning September 1, 1959, $5400 (9-1-59).

WILDING, LAWRENCE P., Assistant in Agronomy (S), July 1-September 15, 1959, $100 a month (8-7-59).

WILDSER, DONALD E., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1959, $4200, in addition to $500 paid from Student Athletic Activities, total salary $4700 (7-13-59).

WILK, KENNETH E., Research Assistant in the State Water Survey, eleven months from August 1, 1959, $7200 a year, supersedes (8-15-59).

WILLIAMS, RAYMOND A., Research Assistant in the Digital Computer Laboratory, eleven months from October 1, 1959, $6000 a year (9-7-59).

WILSON, HAROLD K., Research Associate in Food Technology (S), one year from September 16, 1959, $5000, supersedes (8-7-59).

WILSON, LOWELL E., Assistant in Dairy Marketing (Agricultural Economics) (S), five months from September 1, 1959, $2033.35 (8-1-59).

WOLFF, BARBARA V., Assistant in Education (University High School), nine months from September 16, 1959, $5000 (8-25-59).
WOODARD, JANICE E., Assistant Extension Editor, with rank of Instructor (E), August 15, 1950-August 31, 1960, $5800 a year (8-28-59).

WORKS, ERNEST, Research Associate in Sociology, one year from September 1, 1959, $6500, supersedes (8-15-59).

YUSKEN, JOHN W., Research Associate in Radiology (Medicine), July 9-August 31, 1959, $583.33 a month (7-22-59).

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

ARGOUDELIS, CHRISTOS, United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1959, $2200 (8-20-59).

BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, $300 a month (8-6-59).

BALLER, ROBERT S., Allergy Foundation of America Fellow in the Chicago Professional Colleges, July 1-September 15, 1959, $500 (7-13-59).

BARDASIS, ANGELO, Minnesota Mining and Manufacturing Fellow in Physics, nine months from September 16, 1959, $2000 (8-26-59).


BLUME, EVAINE N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), June 22-August 31, 1959, $600, supersedes (6-5-59).


BOND, HARLEY W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, $1800 (7-13-59).

BOROWITZ, GENE E., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, $3000 (7-15-59).

BRINLING, JOHN C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, $2000 (7-13-59).

BURG, NED H., California Oil Company Fellow in Civil Engineering, nine months from September 16, 1959, $2000 (8-19-59).

BUTLER, JOHN S., Ford Foundation Fellow (Trainee) in Mechanical Engineering, nine months from September 16, 1959, $2000, supersedes (7-20-59).

CARBERRY, MARTHA M., United States Public Health Service Fellow (Trainee) in Education, two months from June 16, 1959, $450 (7-20-59); and nine months from September 16, 1959, $1800 (8-25-59).

CARLSON, CHARLES G., Procter and Gamble Company Fellow in Chemistry, nine months from September 16, 1959, $1800 (6-26-59).

CASTEN, CHRIS P., United States Public Health Service Post-Sophomore Dental Student Research Fellow (Trainee) (Chicago Professional Colleges), one year from July 1, 1959, $3200 (8-11-59).

CLIFF, MAY, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 29, 1959, $600 (7-13-59).

COOK, GLENN M., Drug and Chemical Industries Teaching Fellow in Chemistry, nine months from September 16, 1959, $1000, supersedes (7-10-59).

COOPER, LESLIE M., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $2400 (8-28-59).

DOPUCH, NICHOLAS, Ford Foundation Fellow in Accountancy, nine months from September 16, 1959, $2510 (7-27-59).

ECKLUND, ROBERT E., United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Arthritis and Metabolic Diseases) (Chicago Professional Colleges), one year from July 1, 1959, $3600 (8-14-59).
EIBECK, RICHARD E., Victor Chemical Works Fellow in Chemistry, two months from June 16, 1959, $350, supersedes (8-8-59).

ENDRE, JOSEPH G., United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, $183.33 a month (7-13-59).

FUHNER, MARCUS J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $2400 (8-28-59).

GANNS, JOSEPH L., JR., United States Public Health Service Fellow (Trainee) in Education, nine months from September 16, 1959, $2400 (8-25-59).


GOULD, PHILLIP L., Fellow in Civil Engineering, February 1-June 15, 1960, $750 (7-6-59).

HALLASZ, MICHAEL F., United States Public Health Service Postdoctoral Fellow (Trainee) in Neuropharmacology (Chicago Professional Colleges), one year from September 1, 1959, $4500 (8-19-59).

HART, MRS. ALICE G., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $780 (5-8-59).

JACOB, MARCUS, United States Public Health Service Fellow (Trainee) in Psychology (Chicago Professional Colleges), one year from July 1, 1959, $3000 (7-15-59).

JOHNSON, HAROLD J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $2400 (8-28-59).

KAUFMAN, LEE, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $2000 (8-28-59).

KELLY, THOMAS J., Eastman Kodak Company Teaching Fellow in Mechanical Engineering, nine months from September 16, 1959, $1000 (8-20-59).


KIM, DONG Hoon, United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, $183.33 a month (7-13-59).

KIMURA, HIROSHI, American Dairy Association Fellow in Food Technology, nine months from September 16, 1959, $1500 (8-21-59).

KOPICZ, KRYSZYNA, United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1959, $2200 (7-16-59).

KRILL, ALEX, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), one year from September 16, 1959, $1500 (7-17-59).

McCLIMENT, EDWARD R., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1959, $2100 (8-26-59).

MENACHI, IRWIN, United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), one year from July 1, 1959, $2400 (7-24-59).


MORKIS, CHARLES E., JR., Mathematics Institute Fellow in Mathematics, two months from June 16, 1959, $720, supersedes (7-17-59).

MURTHA, JOSEPH P., Thomas C. Shedd Teaching Fellow in Civil Engineering, nine months from September 16, 1959, $2000 (7-8-59).

MUSLIN, HYMAN, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, $3000 (7-15-59).

PAPAGEORGIS, DEMETRIOS, United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $2000 (8-28-59).

PAUL, JAMES W., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, $2300 (8-18-59).

PETERTON, DEAN G., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 29, 1959, $600 (7-13-59).

PIERCE, J. J., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $2400 (8-28-59).

PORTER, CHRISTOPHER, Collins Radio Company Teaching Fellow in Electrical Engineering, nine months from September 16, 1959, $1500 (6-26-59).
ROSENE, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), June 22-August 31, 1959, $591 (8-6-59).
RYAN, WILL, United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Arthritis and Metabolic Diseases) (Chicago Professional Colleges), one year from July 1, 1959, $4500 (7-13-59).
SALVO, GLORIA, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, $1800 (7-13-59).
SCHULMAN, ROBERT E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $2000 (8-28-59).
SIMMONS, RONALD E., Eastman Kodak Company Fellow in Economics, nine months from September 16, 1959, $2500 (8-7-59).
SOAN, (MISS) GREGORIA L., Fellow in Law, nine months from September 16, 1959, $1200 (7-24-59).
SOLOWAY, HARRY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), two months from July 1, 1959, $300 a month (7-13-59).
TENNY, KENNETH S., United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1959, $2200 (7-16-59).
TVETEN, JOHN L., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from June 16, 1959, $2000, superseded (8-7-59).
VAN METER, WILLIAM, United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, $2300 (8-18-59).
WACASER, LAWRENCE K., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), two months from June 16, 1959, $600 (7-13-59).
WALKER, BRIAN L. H., United States Public Health Service Fellow (Trainee) in Food Technology, one year from September 1, 1959, $2200 (8-20-59).
YANO, NOBUMITSU, United States Public Health Service Fellow (Trainee) in Food Technology, two months from June 16, 1959, $183.33 a month (7-13-59); and one year from September 1, 1959, $2200 (8-20-59).
YOUNGQUIST, GORDON R., Minnesota Mining and Manufacturing Company Fellow in Chemical Engineering, nine months from September 16, 1959, $2000, superseded (8-7-59).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS

AGOSTA, WILLIAM C., Postdoctoral Fellow in Chemistry — resignation effective September 1, 1959.
AINS WORTH, STANLEY, Research Associate in Botany — declination effective September 1, 1959.
BANKS, EDWIN M., Assistant Professor of Animal Science — resignation effective July 1, 1959.
BECK, RICHARD J., Instructor in General Engineering — resignation effective September 1, 1959.
BERNHARDT, BERNAINE A., Instructor in Home Economics — resignation effective September 1, 1959.
BOYLE, PAUL O., Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry) — resignation effective September 1, 1959.
BREGMAN, ELEANOR T., Research Assistant in Surgery (Medicine) — declination effective September 1, 1959.
BRENNER, HOWARD B., Physician in the Health Service (Chicago Professional Colleges) — resignation effective August 1, 1959.
BUCKMAN, CHARLES M., Instructor in Clinical Dentistry (Dentistry) — resignation effective September 1, 1959.
BUCKNALL, BARBARA J., Catalog Assistant in the Library — resignation effective September 1, 1959.
CARR, ARTHUR M., Instructor in Mechanical Engineering — resignation effective September 1, 1959.
CASSIDY, SALLY A., Illini Union Browsing Room Librarian, with rank of Instructor — resignation effective September 1, 1959.
CHEN, MRS. HAN-LIN HWANG, Assistant in Home Economics — resignation effective September 1, 1959.
CHRYSSAFOPULOS, NICHOLAS, Assistant Professor of Civil Engineering — resignation effective September 1, 1959.
CROSS, K. PATRICIA, Assistant Dean of Women — resignation effective September 1, 1959.
DOBERENICK, DAVID A., Instructor in Architecture — resignation effective September 1, 1959.
DOSICK, MARTIN L., Research Assistant in Sociology — resignation effective September 1, 1959.
EDELMAN, MRS. DOROTHY C., Research Assistant in Home Economics — resignation effective September 1, 1959.
EDWARDS, BRUCE, Assistant Professor of Economics — resignation effective September 1, 1959.
FLANAGAN, HUGH J., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
FRASER, DOROTHY K., Research Associate in Microbiology — resignation effective September 1, 1959.
GAUDY, ELIZABETH T., Research Associate in Plant Pathology — resignation effective September 1, 1959.
GREENBLATT, ROBERT, Fellow in Mathematics — resignation effective September 1, 1959.
HARTMANN, LEAH N., Coordinator of Arbor Suites — resignation effective August 19, 1959.
HILSDORF, CLAIRE I., Microanalyst in Chemistry — resignation effective September 1, 1959.
IRVINE, PETER M., Instructor in Crowns and Fixed Partial Dentures (Dentistry) — resignation effective September 1, 1959.
ISAACS, HART, Research Associate in Biological Chemistry (Medicine) — resignation effective July 1, 1959.
JOHNSON, BETTY J., Research Assistant in Animal Science — resignation effective September 1, 1959.
JUNG, ALLEN F., Assistant Professor of Economics (Chicago Undergraduate Division) — resignation effective September 1, 1959.
KAEBERLE, MERLIN L., Instructor in Veterinary Research (Agricultural Experiment Station) and in Veterinary Clinical Medicine (College of Veterinary Medicine) — resignation effective September 1, 1959.
KASSRIEL, ROBERT S., Instructor in Medicine (Medicine) — resignation effective September 1, 1959.
KOEZEK, EDWARD J., Instructor in Full and Removable Partial Dentures (Dentistry) — resignation effective September 1, 1959.
KREEG, JOHN B., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
LEISTER, JAMES W., Adjutant in Military Science and Tactics (Army R.O.T.C.) — resignation effective July 31, 1959.
LEPTON, WALTER M., Associate Professor of Education — resignation effective September 1, 1959.
LOWENSTEIN, Joseph R., Fellow in Accountancy — declination effective September 16, 1959.
LYTE, Myra, Extramural Loans Librarian, with rank of Instructor — resignation effective October 13, 1959.
MASON, Jack R., Instructor in Orthodontics (Dentistry) — declination effective September 1, 1959.
MATHES, Archie, Instructor in General Engineering — resignation effective September 1, 1959.
MCNAMARA, William R., Assistant Professor of Education (Bureau of Educational Research) — resignation effective September 1, 1959.
MCNAMARA, Eugene J., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1959.
MILLER, Elmo E., Research Associate in Psychology — declination effective September 1, 1959.
MORICI, Anthony R., Instructor in Accountancy (Chicago Undergraduate Division) — resignation effective September 1, 1959.
MCCONNELL, William R., Assistant Professor of Education (Bureau of Educational Research) — resignation effective September 1, 1959.
MORISON, George A., Research Assistant in Chemistry — resignation effective September 1, 1959.
MYERS, Basil R., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
NARDINI, William, Research Associate in Sociology — resignation effective September 1, 1959.
NISHI, Syogoro, Research Associate in Psychiatry (Medicine) — resignation effective September 1, 1959.
OHNO, Masaji, Research Assistant in Chemistry — resignation effective August 15, 1959.
PETTERSON, Beverly J., Commerce and Sociology Library Assistant, with rank of Instructor — resignation effective September 1, 1959.
PITTS, Henry, Assistant Professor of Psychology, Department of Psychiatry (Medicine) — resignation effective August 16, 1959.
RAPP, Marie A., Reference Librarian and Assistant Professor of Library Administration (Chicago Undergraduate Division) — resignation effective September 1, 1959.
RHODES, Laura E., Assistant Editor in the Engineering Experiment Station — resignation effective September 1, 1959.
RICE, Martin R., Extension Specialist in the Division of University Extension — resignation effective August 31, 1959.
RIDER, Richard L., Assistant Professor of Radio and Television, and Assistant Manager of the Television Station and Supervisor of Television-Motion Pictures — declination effective September 1, 1959.
RIEHL, Jean-Louis R., Instructor in Pharmacology (Medicine) — resignation effective September 1, 1959.
SANDERS, Wallace W., Jr., Research Associate in Civil Engineering — resignation effective September 1, 1959.
SCOBEL, Hugo, Lecturer in Mechanical Engineering — resignation effective October 16, 1958.
SHOULDER, Ben A., Spectroscopist in the Department of Chemistry and Chemical Engineering — resignation effective September 1, 1959.
SRINI VASAN, V. R., Research Associate in Microbiology — resignation effective September 1, 1959.
STEYERT, William A., Jr., Research Associate in Physics — cancellation effective October 1, 1958.
SULLIVAN, Patricia J., Bibliographer in the Library, with rank of Instructor — declination effective September 1, 1959.
Tiffany, Theodore L., Coordinator of College Days Program, in the Office of Admissions and Records — resignation effective September 1, 1959.
VANDAM, Gerrit C., Research Assistant in Dairy Science — declination effective September 1, 1959.
WEISSMANN, Herman B., Assistant Professor of Physics (Chicago Undergraduate Division) — declination effective September 1, 1959.
WELLS, Warren, Research Assistant in Biological Chemistry (Medicine) — resignation effective July 31, 1959.
WEPMNER, GERALD A., Assistant Professor of Theoretical and Applied Mechanics—declination effective September 1, 1959.

WESTINE, JOHN R., Instructor in Histology (Dentistry)—resignation effective September 1, 1959.

ZAWLOCKI, EUGENE A., Instructor in Crowns and Fixed Partial Dentures (Dentistry)—resignation effective September 1, 1959.

ZIMMERMAN, HELEN F., Acting Fine Arts Librarian and Instructor in Library Administration (Chicago Undergraduate Division)—declination effective September 1, 1959.

LEAVES OF ABSENCE

CULBERT, JOHN R., Associate Professor of Floriculture (Horticulture), in the College of Agriculture and in the Agricultural Experiment Station—leave of absence, without pay, for seven months from December 1, 1959, so that he may serve as an advisor to the Frampton's Nurseries, Chichester, England.

FISCH, MAX H., Professor of Philosophy—leave of absence, without pay, for the second semester of the academic year 1959-60, so that he may accept the Rockefeller Foundation grant to do work on a biography of Charles Sanders Peirce, philosopher and scientist.

GARCEAU, DIANA R., Assistant in Physical Medicine and Rehabilitation, in the College of Medicine—leave of absence, without pay, beginning June 29 and continuing through July 31, 1959.

GIBBENS, LORRAINE E., Registered Pharmacist and Research Associate in Manufacturing Pharmacy, in the College of Pharmacy—extension of leave of absence, without pay, beginning July 18, 1959, and continuing through August 31, 1960.

GUILLEMIN, VICTOR, Professor of Biophysics and Biophysicist in the Aeromedical and Physical Environment Laboratory (Chicago Professional Colleges)—leave of absence, without pay, beginning September 15, 1959, and continuing through September 14, 1960, so that he may participate in the Academic Year Institute program at Harvard University for advanced training in physics for high school physics teachers.

HAGGARD, ERNEST, Professor of Psychology, in the Department of Psychiatry, in the College of Medicine—leave of absence, without pay, beginning July 12 and continuing through August 31, 1959.

KUPPERMANN, ARON, Assistant Professor of Physical Chemistry—leave of absence, without pay, for the academic year 1959-60, so that he may accept an invitation by the Brazilian government to organize a research group in radiation chemistry to be carried out at the Brazilian Institute of Atomic Energy in Sao Paulo.

LIFE, DALE M., Assistant Professor of Full and Removable Partial Dentures, in the College of Dentistry—extension of leave of absence, without pay, for one year beginning September 1, 1959.

MARWAH, AMARJIT S., Instructor in Oral Pathology, in the College of Dentistry—leave of absence, with pay, beginning September 1, 1959, and continuing through February 29, 1960, so that he may conduct a special research phase on systemic factors of periodontal disease in India.

MCPherson, William H., Professor of Economics, in the Institute of Labor and Industrial Relations—leave of absence, with pay, beginning May 15 and continuing through June 20, 1959, on account of ill health.

PEARL, ROBERT M., Assistant Professor of Agricultural Engineering, in the College of Agriculture and in the Agricultural Experiment Station—extension of leave of absence, without pay, beginning September 15, 1959, and continuing to June 15, 1960, so that he may complete his work for the Ph.D. degree.

PUGH, ROBERT C., Assistant Professor of History in the Division of General Studies, and Counselor in the Student Counseling Service—leave of absence on account of illness, with pay, from September 1, 1959, through November 15, 1959, and leave without pay, beginning November 16, 1959, and continuing until he is able to return to duty.

ROBERTSON, DONALD C., Instructor in Art—leave of absence, without pay, for the academic year beginning September 1, 1959, so that he may study and continue his work as a painter in Europe.
WARRREN, WILLIAM D., Professor of Law—leave of absence, without pay, for the academic year 1959-60, so that he may accept an appointment as a Visiting Professor of Law at the University of California at Los Angeles.

CANCELLATION OF LEAVES OF ABSENCE
JORDAN, GARRET L., Professor of Agricultural Economics, in the College of Agriculture and in the Agricultural Experiment Station—sabbatical leave of absence on full pay for six months from September 1, 1959, cancelled.
ROUFFA, ALBERT S., Associate Professor of Biological Sciences, in the Chicago Undergraduate Division—sabbatical leave of absence for the academic year 1959-60 cancelled without prejudice.

RETIREMENTS
KENNY, MRS. ANNA W., Assistant Professor of English, Emerita, effective September 1, 1959.
ZIMMERMANN, ARNOLD A., Professor of Anatomy, Emeritus, effective September 1, 1959.

DEGREES CONFERRED IN AUGUST
The Secretary presented for record the following list of degrees conferred at Urbana on August 10, 1959, on recommendation of the Urbana Senate and by authority of the Board of Trustees.

Summary

Degrees in the Graduate College:
- Master of Arts .................................................. 78
- Master of Science ........................................ 258
- Master of Music .............................................. 7
- Master of Education ....................................... 156
- Master of Fine Arts ......................................... 3
- Master of Architecture .................................... 2
- Master of Accounting Science ............................ 1
- Advanced Certificate ........................................ 12

Total, Graduate College ................................... (517)

Degrees in Law:
- Bachelor of Laws ............................................. 9

Baccalaureate Degrees:
- Bachelor of Science, College of Agriculture ........................... 28
- Bachelor of Science, College of Engineering ......................... 125
- Bachelor of Arts, College of Liberal Arts and Sciences .......... 45
- Bachelor of Science, College of Liberal Arts and Sciences ....... 38
- Bachelor of Science, College of Education .......................... 45
- Bachelor of Science, College of Commerce and Business Administration ... 41
- Bachelor of Science, College of Journalism and Communications ...... 7
- Bachelor of Architecture, College of Fine and Applied Arts ....... 2
- Bachelor of Fine Arts, College of Fine and Applied Arts ........ 8
- Bachelor of Music, College of Fine and Applied Arts ............ 1
- Bachelor of Science, College of Fine and Applied Arts .......... 8
- Bachelor of Science, College of Physical Education .......... 9
- Bachelor of Science, Division of Special Services for War Veterans .. 23

Total, Baccalaureate Degrees .................................. (380)
Total, Degrees Conferred at Urbana .................................. 906

GRADUATE COLLEGE

Degree of Master of Arts

In Anthropology

ROBERT WILLIAM WAGNER, A.B., 1957

In Art Education

GLORIA ANGELA DOLLNELL, BERNHEIM, B.F.A., 1958
BONNIE LEE HATCH, A.B., Mary Washington College, 1958
ELIZABETH AMELIA KITE, A.B., Mary Washington College, 1958
ANITA ELIZABETH UNRUH, B.S., Illinois State Normal University, 1951

In Economics
THOMAS DEAN CLARK, A.B., Illinois College, 1958
DUANE KEITH KESSLER, B.S., 1958

In English
MAVIS AINSWORTH, A.B., University of London, 1952
MILDRED JEAN ANDERSON, A.B., DePauw University, 1958
CLAIRA BELLE ANTHONY, A.B., Morgan State College, 1958
ROBERT ADDISON BAIN, B.S., Eastern Illinois University, 1954
ROBERT PAUL BURKE, B.S., M.S., New Mexico Western College, 1955, 1956
ROBERT DAVID CURRIE, A.B., DePauw University, 1956
CLAYTON AUGUST FISCHER, B.S., Concordia Teachers College (Illinois) 1957
JOHN ROBERT MARTIN, A.B., Lawrence College, 1958
MIRIAM LEEMATHES, A.B., Willamette University, 1958
SARAH ANN MUECKE, A.B., North Texas State College, 1958
VIRGINIA MAE ROTH, A.B., Eastern Michigan College, 1958
JANE ADELE SCHNEBEL, A.B., Hanover College, 1953
JUDITH ANNE SWEITZER, A.B., Kalamazoo College, 1958
PETER DRAGIC ZIVKOVIC, B.S., 1957

In French
ANNE MARIE FENTON CARTER, A.B., Barnard College, 1958
HELG MARIA WOLIN, A.B., 1959

In Geography
JOHN RICHARD BERNICK, A.B., Western Reserve University, 1956
RAY SHIGEMASA FUKUMOTO, B.S., 1956

In German
STELLA PAGALYS ROSENFIELD, A.B., 1957

In Greek
JOHN BABCOCK VAN SICKLE, A.B., Harvard College, 1958

In History
LARRY ALFRED EVANS, A.B., Blackburn College, 1958
JOHN RICHARD FRISCH, B.S., Wisconsin State College (Stevens Point), 1956
BILL JULIUS ISAACS, A.B., Olivet Nazarene College, 1958
BUDDE GENE WEBB, A.B., Augustana College, 1957
ALAN LINDSAY WHITTLE, Ohio Wesleyan University, 1955

In Labor and Industrial Relations
MARCUS EUGENE PERRY, A.B., Baker University, 1957
GERALD WILFRED WHEATLEY, A.B., University of British Columbia, 1952
KONRAD CHESWILSON, B.S., Iowa State College, 1957

In Philosophy
RICHARD LEE CORLISS, A.B., Taylor University, 1954; B.D., Northern Baptist Theological Seminary, 1957

In Political Science
ROBERT ALLEN PACKENHAM, A.B., Augustana College, 1958
VICTOR ANTHONY SAPIO, A.B., College of Wooster, 1958
In Psychology

ALAN RONALD BASS, A.B., Washington University, 1953
ALAN MICHAEL MARCUS, A.B., University of Toronto, 1957
THEODORE LEE TIFFANY, A.B., Kalamazoo College, 1954

In Social Sciences

GORDON LEVERNE COTTEM, B.S., Illinois State Normal University, 1948
ROBERT CHARLES DROPP, B.S., Northern Illinois University, 1958
HAROLD HOMER MORSE, Jr., B.S., 1958
RONALD LEE FOEDERICH, A.B., Northwestern University, 1955
EDNA PAUL RICHMOND, B.S., 1926
EUGENE ANDREW YOUNG, A.B., Millikin University, 1957

In Spanish

JOSEPH LUCIANO LAURENTY, A.B., 1958
DANIEL PATRICK ORT, A.B., Ball State Teachers College, 1958
MAYNARD LEON SAXBY, B.S., Illinois State Normal University, 1956
DONNA JEAN STRACHAN, A.B., Aquinas College, 1956
JEANNE KATHERINE TOSCANO, A.B., McGill University, 1956
WILLIAM WEKSEL, A.B., Queens College, 1958

In Speech

ANN ELLA FAUBION ARMSTRONG, A.B., William Jewell College, 1958
JEAN VALJEAN CUTLER, A.B., Lynchburg College, 1955
PRISCILLA DEAN GUEZEC DAY, A.B., College of the Pacific, 1958
JOAN GERTRUDE GLINSKI, Ph.B., University of Detroit, 1957
RICHARD GEORGE KJELLAND, A.B., 1958
JOHN LEROY LECKEL, B.S., 1956
LYLE LEWIS LLOYD, B.S., Eastern Illinois University, 1956
BARBARA ANN MATHEWS, A.B., Ripon College, 1957
DONALD IVAN Mcgee, B.S., 1957
HENRY ELLIOTT THARP, A.B., Kansas State Teachers College (Emporia), 1958
PATRICIA ANN JENSEN WEISENBURGER, A.B., 1956
RONALD CORNELIUS WERNER, A.B., Colorado State College, 1957
BARBARA JEAN YOWELL, B.S., Indiana State Teachers College, 1952

In the Teaching of English

VIVIEN JEANNE COSTELLO, A.B., Rosary College, 1955
THOMAS KING EHRET, B.S., University of Colorado, 1955
RETA JOYCE HALDORSON, B.S., Northern Illinois University, 1953
JOAN VOLKERS, A.B., Asbury College, 1949

In the Teaching of French

SUSAN MCGILLIVRAY LEONARDO, A.B., 1958
GARDNER REED WALMSLEY, A.B., Olivet Nazarene College, 1953

In the Teaching of Social Studies

JAMES LOWRY BOLDEN, A.B., Tougaloo College, 1952
HAROLD EBERHARDT GROTE, A.B., Elmhurst College, 1955
JAMES MOODY MASON, B.S., Berry College, 1942
JOHN BENJAMIN MCGEILL, B.S., Southern Illinois University, 1951
ARTHUR PATOFF, A.B., 1958

In the Teaching of Spanish

MARY CAROLE BARTNIK, A.B., St. John's University (New York), 1958

Degree of Master of Science

In Accountancy

JAMES WILLIAM GIESE, A.B., University of Washington, 1947
THOMAS HOWARD WILLIAMS, B.B.A., University of Cincinnati, 1958
In Advertising

Daniel Wyatt Spink, B.S., 1957
Gene Allan Wallace, B.S., 1954

In Aeronautical Engineering

Eugene Yu Chang, B.S., South Dakota School of Mines and Technology, 1957
Alan Charles Culver, B.S., 1958
David Joe Pierce, B.M.E., North Carolina State College, 1957

In Agricultural Economics

Gary Keith Bielfeldt, B.S., 1958
Robert Ludahl Brown, B.S., North Dakota Agricultural College, 1950
Jeremiah Edward Fruin, B.S., 1958
William David Gorman, B.S., 1958
Clyde Lockwood Marine, B.S., University of Tennessee, 1958
Bagicha Singh Minhas, B.S., A.M., Panjab University, 1949, 1953

In Agricultural Education

Harold Edward Breeze, B.S., 1958
Carl Joseph Kensil, B.S., 1951
Eldon Lawrence Starkweather, B.S., 1947

In Agricultural Engineering

Edward Henry Farnan, Jr., B.S., University of Maine, 1956
Melvin Ray Smith, B.S., Oklahoma State University, 1958

In Agronomy

Wesley Gerhardt Bieritz, B.S., 1958
Donald Brooks Freeman, B.S., University of Tennessee, 1957
James Ferdinand Steinkamp, B.S., 1953
George Orell Walker, B.S., Oklahoma State University, 1938

In Animal Science

Robert Cates Wade, B.S., University of Kentucky, 1958
Dave Coleman Williams, Jr., B.S., Oklahoma State University, 1952

In Architectural Engineering

Earl Wallace Henderson, Jr., B.Arch., 1954
Donald Capen McElfresh, B.Arch., 1958
Dennis Henry Sapp, B.S., 1955

In Biological Sciences

Alan Charles Buck, B.S., 1954
Mary Lucilla Weller, A.B., Clarke College, 1952

In Ceramic Engineering

Ronald Kenneth Bart, B.S., 1958
Virgil Earl Bradford, B.Cer.E., Ohio State University, 1954
Kanaiyalal Natwarlal Parikh, B.Sc., Benares Hindu University (India), 1950
David LaVerne Wilcox, B.S., Alfred University, 1958

In Chemical Engineering

David Walsh Gregg, A.B., Dartmouth College, 1957

In Chemistry

Ning-Sun Chang Fan, B.Sc., Taiwan Normal University, 1956
Henry Gruen, B.S., Massachusetts Institute of Technology, 1956
THOMAS EVAR NELSON, B.S., 1957
LAWRENCE HENRY SHEPHERD, JR., B.S., Millsaps College, 1957

In City Planning

WALTER THOMAS MILLNER, B.S., University of Virginia, 1951

In Civil Engineering

FURMAN WYCHE BARTON, B.C.E., University of Virginia, 1954
PRAMOK BOONYARATAVEJ, B.S., Chulalongkorn University, 1955; M.S., Pennsylvania State University, 1957
PRAKOB DEJ UDOM, B.S., Chulalongkorn University, 1954
KISHOR DHARAMSI Doshi
COLIN JAMES FLEMING, B.S., University of Natal, 1950
RAUL ERICH FRADINGER, C.E., National University of Cordoba, 1957
JAIME DE AZEVEDO GUSMÃO FILHO, C.E., University of Recife (Brazil), 1954
ROOP LALL JINDAL, National Diploma, Government Engineering College (Jabalpur), 1957
EUGENE JOERNS, B.S., 1956
LUCIA GRUDER, B.S., 1958
RICHARD ROBERT HOLBACH, B.S., 1958
WILLIAM ANTHONY KBEROWICZ, B.S., Illinois Institute of Technology, 1957
PAUL HOWARD LEWIS, B.S., Rose Polytechnic Institute, 1957
JOSÉ ANTONIO ORTIZ-PRADERE, E.E., School of Industrial Technology (Spain), 1956

In Commercial Teaching

DORINE LOUISE CHANCELLOR, B.S., 1956
WALTERSMAN LONG, B.S., Eastern Illinois University, 1956

In Economics

SAM BARONE, B.S., 1958
EVERETT STEPHEN SCHLETER, B.S., 1958

In Education

WILLIAM JOHN TISDALE, B.S., 1956

In the Education of Mentally Handicapped Children

NANCY JANE CALHOUN, A.B., MacMurray College, 1958
ELEANOR NANCY GURIAN, B.S., New Haven State Teachers College (Connecticut), 1958

In Electrical Engineering

CLIFFORD HOLLIS ALLEN, JR., B.S., Colorado State University, 1953
MYRON EUGENE ARMSTRONG, B.S., 1958
JACK ROGER BAIRD, B.S., 1958
KEITH GEORGE BALMAIN, B.A.Sc., University of Toronto, 1957
CAMERON WALLACE BLACHFORD, B.S., University of Saskatchewan, 1953
GEORGE WARREN BERTHOL, B.S., United States Naval Academy, 1954
GEORGE LUDWIG BUENGER, B.S., 1958
JOHN THOMAS CONLEY, B.S., United States Naval Academy, 1953
BRUCE DONALD ELLIOTT, B.S., 1958
DANIEL EUGENE FARMER, B.E.E., Clarkson College of Technology, 1956
MERTON WARNER FERGUSON, B.S.E., University of Connecticut, 1951
HARVEY ALLEN GERTS, B.S., 1958
JAMES FRANCIS GRUER, B.S., 1958
RICHARD ROBERT HOLBACH, B.S., 1958
WILLIAM ANTHONY KBEROWICZ, B.S., Illinois Institute of Technology, 1957
PAUL HOWARD LEWIS, B.S., Rose Polytechnic Institute, 1957
JOSÉ ANTONIO ORTIZ-PRADERE, E.E., School of Industrial Technology (Spain), 1956
JOHN PATRICK PORTASIK, B.S., Virginia Military Institute, 1952
SUNKARA NAGESWARA RAO, B.Eng., University of Madras, 1957
MARTIN NORMAN SCHLEIFER, B.S., 1958
MUHAMMAD SISISWOSUDARMO, Candidate Exam., University of Indonesia, 1957;
M.S., University of Kentucky, 1959
HERBERT JOSEPH STEIN, B.S., 1958
ERNST EUGENE STONER, B.S., 1952
ROBERT JOSEPH STRAIN, B.S., 1958
WILLIAM JOHN THOMPSON, B.S., Massachusetts Institute of Technology, 1954
TSU MING YEH, B.S., Taiwan Provincial Cheng Kung University, 1955

In Finance
LEONARD JAY SANTOW, B.S., 1957

In Geography
HOLLY WARREN BYRNE, B.S., Illinois State Normal University, 1958
BYRON MILTON DAUGHERTY, B.S., Southwest Missouri State College, 1952
RCowell EINSTEIN DEBYSINGH, A.B., 1948
GEOFFREY ROGER Gleave, A.B., University of Oxford, 1957
DAVID ANTHONY PRESTON, A.B., University of Sheffield, 1958

In Geology
ROBERT EUGENE BISHOP, B.S., 1954
ROBERT LESLIE NIEMANN, B.S., University of Nebraska, 1957

In Health Education
RONALD ANGELO FUSCO, A.B., Hunter College, 1958
WALTER RAYMOND GART, B.S., 1957
HEnRY WILLIAM MILLER, Jr., B.S. (Recreation), B.S. (Physical Education), B.S.
(Health Education), 1952, 1956, 1956
RAY ANNE SHRADER, B.S., University of Utah, 1951

In Home Economics
GAIL ELAINE ARK, B.S., Manchester College, 1957
JOAN KAY FREITAG, B.S., 1957
MARIAN ETHEL HANCOCK, B.S., Western Illinois University, 1953
ROBIE ELISE LANT, B.S., George Peabody College for Teachers, 1933
MARIJAN DANE LEACH, B.S., 1954
FRANCES MARIAN LINDELEY, B.S., Indiana University, 1953
JANICE JOYNE macLIN, B.S., University of Tennessee, 1957
JANE PURDUM, B.S., Northwestern University, 1952
SISTER MARTIN MARY THUNDIYIL, A.B., Mundelein College, 1958

In Home Economics Education
VIOLA BELLE HERINGTON, B.S., Colorado State University, 1944
GERTRUDE DORIS KOHN, B.S., Wheaton College, 1957

In Horticulture
HARVEY JOSEPH HORTIK, B.S., 1957
JACK CORUM SHANNON, B.S., University of Tennessee, 1958
HARRY KIYOSHI TAYAMA, B.S., 1958
EDWARD VAN DRUNEN, B.S., 1958

In Library Science
MARY CLED BANKHEAD, A.B., University of Missouri, 1923
SUSAN JANE BUSH, A.B., Indiana State Teachers College, 1958
EVANGELINE CHEKOURAS, A.B., Lake Erie College, 1954
HELEN JUNE CHICK, B.S., 1958
ELIZABETH ANNE COFFEE, A.B., Piedmont College, 1958
Lillian McKinney Cooley, A.B., Spelman College, 1955
Dorothy Corinne Couger, A.B., Phillips University, 1958
Margaret Allen Flint, A.B., William Smith College, 1958
Margaret Anne Frampton, A.B., Duke University, 1940
Kathryn Louise Mankin Fredenberger, B.S., Southern Illinois University, 1952
Charity Leoma Headrick Greene, B.S., Austin Peay State College, 1949; A.M., University of Tennessee, 1956
James Edward Griggs, B.S., Southern Illinois University, 1949
Viola Hansen Hetzel, A.B., A.B., University of Washington, 1945, 1946
Douglas Martin Hieber, A.B., Cornell College (Iowa), 1955
Ann Elizabeth Kerker, B.S., Purdue University, 1933
Ramona Madson, B.S., Utah State Agricultural College, 1955
Johnella Hutchings Martin, A.B., Tennessee Agricultural and Industrial State University, 1954
Cleo Heffker McMullen, A.B., Greenville College, 1928
Taku Frank Nimura, A.B., Sacramento State College, 1957
Mary Louise Plymell, B.S., Northwest Missouri State Teachers College, 1949
Lucille Dorothy Prickett, B.S., College of St. Teresa, 1956
Harold John Rafter, B.S., A.M., State University of Iowa, 1930, 1931
Cecil Earl Roberts, A.B., A.M., State University of Iowa, 1948, 1952
Rachel Peterson Roller, A.B., Brenau College, 1930
Joanne Ruth Sergeant, A.B., Augusta College, 1958
Lillian Lieuticher Skinner, A.B., Livingstone College, 1947; B.S., Atlanta University, 1948
Dorothy Leavelle Stevens, B.S., Tennessee Agricultural and Industrial State University, 1930; B.L.S., University of Chicago, 1946

In Management
Lawrence Fenmere Ellery, A.B., Oberlin College, 1953
Wayne Allan Meinhard, B.S., 1954

In Marketing
Arlene Joy Bedau, A.B., 1958
Gerald Lee Moser, B.S., 1958
Tsutomu Tokunaga, A.B., Aoyama Gakuin University, 1953

In Mathematics
Rowan Joseph Coyle, B.S., Union College, 1951
George Charles Graff, B.S., Brooklyn College, 1958
Vernon Dudley Jones, B.S., 1958
Russell Arthur Meier, A.B., Albion College, 1947
Wells Proctor Rollins, B.S., United States Naval Academy, 1950
Harlan Eugene Suits, B.S., Southern Illinois University, 1950
Gloria Andersen Tveten, A.B., Mankato State College (Minnesota), 1958
Robert Pierce Wardin, B.S., Iowa State College, 1956

In Mechanical Engineering
Richard Wayne Adkins, B.S., 1951
Amitabha Bhattacharyya, B.M.E., Jadavpur University, 1951; M.Eng., University of Calcutta, 1956
Suresh Chandra, B.S.F., Agra University, 1957
Albert I-Pao Cho, B.S., 1958
Amiya Kumar De, B.M.E., Jadavpur University, 1952
Ved Prakash Dewan, B.S., Banaras Hindu University, 1957
Mahmoud Amin El-Shazly, B.S., Alexandria University, 1956
Lyle Delbert Grider, B.S., 1958
Bhalchandra Vasudeo Karlekar, B.Eng., University of Baroda, 1958
Erik Albert Nykopp, B.M.E., Rensselaer Polytechnic Institute, 1957
Joseph Achille Plamondon, B.S., 1958
THOMAS Aaron Ranney, B.S., South Dakota School of Mines and Technology, 1958
Robert Eugene Schnurstein, B.S., 1953
Marvin John Schultheiss, B.S., Illinois Institute of Technology, 1958
Wayne Elwood Springer, B.S., 1958
Arthur Duane Tonelli, B.S., 1957

In Music Education
Linda Lee Allen Anderson, B.S., 1956
Carl Richard Carter, B.S., 1954
James Frederick Cheyne, B.Mus.Ed., Northwestern University, 1951
Raymond Thomas Clymer, B.S., Ohio State University, 1954
Lancer Millard Cooper, B.S., 1954
Paul Richard Edwards, B.S., 1957
William Benton Handle, B.Mus.Ed., Indiana University, 1953
Annalee Harris, B.S., Western Illinois University, 1952
James Barry Hilbert, B.Mus., Eastman School of Music of the University of Rochester, 1955
Maurice Franklin Hill, B.S., Western Illinois University, 1951
Charles Elmer Keaton, B.Mus.Ed., Southern Illinois University, 1956
Velma Jeanne MacMillan, B.Mus., A.B., Coe College, 1948, 1949
Amy Scott Mason, A.B., University of Kentucky, 1944
Arla June Orr, B.Mus.Ed., Bradley University, 1953
Plynn Edmund Pennock, B.S., Olivet Nazarene College, 1958
Hugh Roland Richardson, B.S., Northern Illinois University, 1951
Mayola Clementine Russell, B.Mus.Ed., Millikin University, 1956
John Weldon Shaw, B.Mus., North Texas State College, 1956
Marilyn June Sherman, B.S., 1958
Sister M. Romana Fiedler, A.B., Rosary College, 1953
Dale Junior Smith, B.S., 1957
Mary Shea Reynolds Watson, B.Mus.Ed., University of Louisville, 1958
Philip Allan Young, B.S., Eastern Illinois University, 1959

In Physical Education
Allyn Booker Allen, B.S., 1950
Frank Lee Bare, B.S., 1954
Walter Cryer, B.S., 1952
John Anthony Danno, B.S., DePaul University, 1952
Richard Clifford Eiler, B.S., University of Utah, 1958
Donald Joseph Foley, B.S., University of Notre Dame, 1958
Heiwitt George Hafer, B.S., 1953
Herbert Teruo Hamai, B.Ed., University of Hawaii, 1957
Sheila Irene Lindsay, B.S., McGill University, 1955
Richard Michael Lynch, B.S., College of St. Thomas, 1955
Donald Leon Nienhuis, B.S., Nebraska State Teachers College (Peru), 1957
Melvin George Nuss, B.S., 1958
Richard Sadao Sakamoto, B.S., University of Hawaii, 1957
Mary Hole Slaughter, B.S., Woman's College of the University of North Carolina, 1956
Charles David Smith, B.S., Eastern Illinois University, 1954
Glenn Griswold Wilson, B.S., Western Illinois University, 1958
Roger Lewis Wing, B.S., 1953

In Physics
Stuart Bermon, A.B., University of Pennsylvania, 1958
James Norman Budwey, A.B., University of Buffalo, 1958
Eduardo Pereira del Casal, B.S., University of Santo Tomas, 1957
Richard Donald Koskel, B.S., 1958
Wesley Northe Mathews, Jr., A.B., Miami University, 1958
Clifford William Mendel, Jr., B.S., 1959
WAYNE BRYCE NELSON, B.S., California Institute of Technology, 1958
MICHTEL THOMAS, Jr., A.B., Harvard College, 1958
ARTHUR WACHOWSKI, B.S., 1957

In Physiology
NORBERT LEO ARNOLDI, B.S., St. Norbert College, 1957

In Plant Pathology
LAXMIKANT HARIKESARAJAY JOSHI, B.S., M.S., Benares Hindu University, 1948, 1950

In Radio and Television
THOMAS HENRY GUBACK, A.B., Rutgers University, 1958
DEVERE EDWARD LOGAN, Jr., A.B., Michigan State University, 1956
JOHN FRANCIS PENN, B.S., 1958

In Recreation
MARTHA ALICE ALY, B.S., University of Missouri, 1952
MARVIN REESE ARMSTRONG, Jr., B.S., Carson-Newman College, 1958
WILLIS CLINTON BAKER, B.S., 1953
RONALD WILLIAM CHASE, B.S., Wisconsin State College (LaCrosse), 1958
DONALD EUGENE CLARK, B.S., 1956
WILLIAM BROWER DE CARLO, B.S., State University of New York Teachers College (Cortland), 1953
DONALD FERDINAND EBARP, B.S., 1955
KENNETH ROSS RICKS, Jr., B.S., 1958

In Sanitary Engineering
VASANTLAL KESHAVLAL SHAH, B.Eng., Gujarat University, 1958
RODOLFO TREVINO-GARZA, C.E., Institute of Technology of Monterrey (Mexico), 1956
CHARLES ORAL VELZY, B.S., 1953

In Speech Correction
MARY JANE PEARSON ESHelman, B.S., 1943
WILMA GAIL HAHN McNULTY, B.S., 1953
MARY JEAN DAVIS REEVES, A.B., Vanderbilt University, 1956
MAMIE FORBYCE TAYLOR, B.S., 1954
THOMAS WILSON TIMMS, B.S., Eastern Illinois University, 1955

In the Teaching of Biological Sciences and General Science
LOREN CHARLES ANDERSON, A.B., Olivet Nazarene College, 1951
RICHARD WILSON EDWARDS, B.S., 1953
LEON DELANO EISENHAUTH, B.S., 1959
LLOYD HOWARD LUNDBERG, A.B., Augustana College, 1957
ROBERT HOWELL SCHERER, B.S., Eastern Illinois University, 1952

In the Teaching of Chemistry
MELVIN DUANE JOESTEN, B.S., Northern Illinois University, 1954

In the Teaching of Mathematics
JOHN HOLLE JOHNSON, B.S., Moorhead State Teachers College, 1955

In Theoretical and Applied Mechanics
ROBERT EUGENE CARLSON, B.S., 1958
DONALD ROBERT FISHER, B.S., United States Naval Academy, 1953
SEIN SHAN, B.S., University of Rangoon, 1957

In Veterinary Medical Science
WILHELM FRIEDRICH SCHAFFLER, D.V.M., University of Giessen, 1957
### Degree of Master of Music

- **Stephen Thomas Farish, Jr., B.S., East Carolina College, 1958**
- **Sanford Abel Linscombe, B.Mus. Ed., McNeese State College, 1954**
- **Judith Anne McDonald Lofgren, B.Mus., Illinois Wesleyan University, 1958**
- **Franz Ludwig Roehmann, B.S., State University of New York Teachers College (Fredonia), 1958**
- **Isabel Rosen, B.Mus., Illinois Wesleyan University, 1940**
- **Virginia Louise Slaughter, A.B., Newcomb College, 1958**
- **William Carl Watson, B.Mus., University of Kentucky, 1958**

### Degree of Master of Education

- **Gloria Juanita Abbington, A.B., Harris Teachers College, 1955**
- **Wayne LeRoy Albrecht, B.S., 1957**
- **Dale Robert Anderson, A.B., Augustana College, 1952**
- **Gordon Millard Anderson, A.B., Wheaton College, 1957**
- **Robert Earl Anderson, B.S., 1952**
- **Ida Jane Andrews, B.S., Eastern Illinois University, 1955**
- **Dolores Jean Armstrong, B.S., Southern Illinois University, 1955**
- **Jack Lynn Armstrong, A.B., William Jewell College, 1958**
- **Donald Max Aulwurm, B.S., 1958**
- **Gerald Lee Avery, B.S., Southern Illinois University, 1953**
- **Louid Wendell Baker, B.S., Illinois State Normal University, 1949**
- **Jennis Joseph Bapst, B.S., 1955**
- **Leland Joy Bartley, B.S., Southern Illinois University, 1956**
- **Emma Kelly Batson, B.S., Southern Illinois University, 1955**
- **Dallas Eugene Beyer, B.S., Illinois State Normal University, 1956**
- **Christabel Alice Bock, B.S., North Central College, 1936**
- **Robert Earl Braden, B.S., Southern Illinois University, 1953**
- **Dorothy Jean Brandt, A.B., Greenville College, 1952**
- **Margery Strain Bright, B.S., Illinois State Normal University, 1953**
- **Dolores Helen Bultinck, B.S., 1955**
- **Margaret Graupner Butler, B.E., Northern Illinois University, 1939**
- **Martin Joseph Chilovitch, B.S., Eastern Illinois University, 1954**
- **Jesse Clements, Jr., A.B., St. Augustine's College, 1952**
- **Paul Leroy Cook, B.S., Olivet Nazarene College, 1950**
- **Constantine Valentine Correa, B.S., Karnatak College, 1952**
- **Jeanet Caroline Hair Crim, A.B., Quincy College, 1944**
- **Maurine Knight Dempsey, B.Ed., Southern Illinois University, 1936**
- **Ruth Bridges Densford, A.B., Indiana University, 1935**
- **Melvin Willard Donaho, B.S., 1957**
- **Georgia Elizabeth Donely, B.S., 1950**
- **Robert Stokley Douglas, B.S., Shurtleff College, 1929**
- **Martha Ann Smith Drake, B.S., Eastern Illinois University, 1950**
- **Arnold Eugene Drum, B.S., Oklahoma State University, 1958**
- **John Jacob Dzuris, B.S., Illinois State Normal University, 1956**
- **Margaret Ruth Alberts Edwards, B.S., Illinois State Normal University, 1946**
- **Eloise Katherine Esibaugh, B.S., 1937**
- **Geraldine Barbara Fekete, A.B., 1956**
- **Stanley Edwin Fishman, A.B., Illinois College, 1954**
- **Secula Fay Flexter, B.S., Southern Illinois University, 1956**
- **Edgar Howard Florence, Jr., A.B., Augustana College, 1947**
- **Margaret Grennan Forrestal, B.S., 1954**
- **Delbert Dale Foust, B.S., Eastern Illinois University, 1955; B.D., Evangelical Theological Seminary, 1956**
- **Kenneth Ray French, B.S., Eastern Illinois University, 1950**
- **Leondie Mae Gaines, B.S., 1956**
- **Elizabeth Foster Gant, B.S., Jackson College, 1950**
- **Wilma Nadine Gehrek, B.S., Illinois State Normal University, 1953**
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Year</th>
</tr>
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<tbody>
<tr>
<td>James Curtis Grady, B.S.</td>
<td>1950</td>
<td>Board of Trustees (September 16) 1950</td>
<td></td>
</tr>
<tr>
<td>Velma Maurine Bouware Greathouse, B.S.</td>
<td>1943</td>
<td>Culver-Stockton College</td>
<td></td>
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<tr>
<td>Albert Gibson Green, B.S.</td>
<td>1951</td>
<td>Eastern Illinois University</td>
<td></td>
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<tr>
<td>Carl Leroy Greenleaf, A.B.</td>
<td>1950</td>
<td>Lake Forest College</td>
<td></td>
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<tr>
<td>Melba Elizabeth Grigg, B.S.</td>
<td>1953</td>
<td>Greenville College</td>
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<td>Ronald Frank Hale, B.S.</td>
<td>1956</td>
<td>Illinois State Normal University</td>
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<td>George Samuel Hall, B.S.</td>
<td>1949</td>
<td>Board of Trustees (September 16) 1950</td>
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<tr>
<td>Robert Leon Haman, B.S.</td>
<td>1953</td>
<td>Southeast Missouri State College</td>
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<tr>
<td>Alfred Young Hampton, A.B.</td>
<td>1939</td>
<td>Lincoln University (Missouri)</td>
<td></td>
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<tr>
<td>Lewis Karl Hauser, Jr., B.S.</td>
<td>1951</td>
<td>Shurtleff College</td>
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<tr>
<td>Ralph William Heinz, B.S.</td>
<td>1949</td>
<td>Illinois State Normal University</td>
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<tr>
<td>Anita Maria Hernandez, B.S.</td>
<td>1945</td>
<td>Kansas State Teachers College (Pittsburg)</td>
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<tr>
<td>Maurice Arthur Hesse, B.S.</td>
<td>1957</td>
<td>Illinois State Normal University</td>
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<td>Clinton Henry Hinton, B.S.</td>
<td>1956</td>
<td>Millikin University</td>
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<tr>
<td>Roger Oscar Hoffmann, B.S.</td>
<td>1956</td>
<td>Southern Illinois University</td>
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<td>Preston Breckenridge Hott, B.S.</td>
<td>1950</td>
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<td>Barry Townsend Hough, B.S.</td>
<td>1955</td>
<td>Board of Trustees (September 16) 1950</td>
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<tr>
<td>James Millard Humphrey, A.B.</td>
<td>1951</td>
<td>Olivet Nazarene College</td>
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<tr>
<td>Paul Williams Hyde, B.S.</td>
<td>1950</td>
<td>Board of Trustees (September 16) 1950</td>
<td></td>
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<tr>
<td>Joe Louis Jepsen, B.Ed.</td>
<td>1935</td>
<td>Northern Illinois University</td>
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<tr>
<td>Ludwig Kenneth Johannsen, B.S.</td>
<td>1954</td>
<td>Board of Trustees (September 16) 1950</td>
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<td>Marvin Lee Jones, B.S.</td>
<td>1954</td>
<td>Olivet Nazarene College</td>
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<tr>
<td>Robert Warren Jones, B.S.</td>
<td>1957</td>
<td>Eastern Kentucky State College</td>
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<tr>
<td>Marion Edward Kallenbach, A.B.</td>
<td>1950</td>
<td>Southern Illinois University</td>
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<tr>
<td>Sandra Maureen Kauble, B.S.</td>
<td>1958</td>
<td>Oklahoma State University</td>
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<tr>
<td>Mary Geis Kesnak, B.S.</td>
<td>1954</td>
<td>Southern Illinois University</td>
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<tr>
<td>James Harrison Kettleborough, B.S.</td>
<td>1950</td>
<td>Board of Trustees (September 16) 1950</td>
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<tr>
<td>Samuel Richard Kilpatrick, A.B.</td>
<td>1950</td>
<td>Eureka College</td>
<td></td>
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<tr>
<td>John Lincoln Kirby, A.B.</td>
<td>1953</td>
<td>Blackburn College</td>
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<td>Wayne John Kirk, B.S.</td>
<td>1956</td>
<td>Wisconsin State College (LaCrosse)</td>
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<tr>
<td>Margaret Ann Kohli, B.S.</td>
<td>1937</td>
<td>University of Wisconsin</td>
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<tr>
<td>Robert Louis Kozielek, B.S.</td>
<td>1957</td>
<td>St. Louis University</td>
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<td>Emma Lou McKemie Le Sar, B.S.</td>
<td>1956</td>
<td>Southern Illinois University</td>
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<td>Blanche Goldner Line, B.S.</td>
<td>1949</td>
<td>Wittenberg College</td>
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<td>Harold Gene Liston, A.B.</td>
<td>1952</td>
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<td>Philip Eugene Luster, B.S.</td>
<td>1954</td>
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<td>Stanley Solomon Lynch, B.S.</td>
<td>1952</td>
<td>Georgia State College</td>
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<td>Ronald Edward Maertens, A.B.</td>
<td>1955</td>
<td>St. Ambrose College</td>
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<td>Anthony John Markarian, B.S.</td>
<td>1950;</td>
<td>B.S. (Chemistry), McKendree College</td>
<td></td>
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<td>Margaret Gallagher McCabe, B.S.</td>
<td>1955</td>
<td>Board of Trustees (September 16) 1950</td>
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<tr>
<td>Marlin Henry Meyer, B.S.</td>
<td>1955</td>
<td>Illinois State Normal University</td>
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<td>Richard Rex Miller, B.S.</td>
<td>1957</td>
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<td>Edna Bertha Moser, B.S.</td>
<td>1954</td>
<td>Illinois State Normal University</td>
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<td>Carole Hillman Obricht, B.Ed.</td>
<td>1953</td>
<td>Chicago Teachers College</td>
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<td>William Keith O'Hair, B.S.</td>
<td>1957</td>
<td>Board of Trustees (September 16) 1950</td>
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<td>Alma Partridge, B.S.</td>
<td>1953</td>
<td>Drake University</td>
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<td>Olivia Deen Patton, B.S.</td>
<td>1948</td>
<td>Alcorn Agricultural and Mechanical College</td>
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<tr>
<td>Camille Amacker Patty, B.S.</td>
<td>1942;</td>
<td>B.S. (Agricultural), Southern University</td>
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<td>Eugene Bertis Pavilonis, B.S.</td>
<td>1953</td>
<td>Shurtleff College</td>
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<td>Richard Gene Pearce, A.B.</td>
<td>1952</td>
<td>Elmhurst College</td>
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<td>David Ward Pease, Jr.</td>
<td>1955</td>
<td>Board of Trustees (September 16) 1950</td>
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<td>Douglas Richard Pierce, B.S.</td>
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<td>Bhattachar Pradithavanij, B.Ed.</td>
<td>1956</td>
<td>Chulalongkorn University</td>
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<td>Barbara Jean Ray, B.S.</td>
<td>1950</td>
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<td>Dale Curtis Rea, A.B.</td>
<td>1949</td>
<td>Washington University</td>
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<td>Gilbert Dean Redfern, B.S.</td>
<td>1951</td>
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<td>Helen Pagaly Reynolds, B.S.</td>
<td>1956</td>
<td>Northeast Missouri State Teachers College</td>
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<td>Sarah E. Ridpath, A.B.</td>
<td>1951</td>
<td>Board of Trustees (September 16) 1950</td>
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</tbody>
</table>
ANNA MAE REUTER ROBINSON, B.S., Southern Methodist University, 1954
ROBERT EDWARD ROBINSON, B.S., Michigan State University, 1951
JEAN LOIS ROLAND, B.S., Northwestern University, 1937
ALOYS REINHARD RUETER, B.S., 1950
AUBREY MAE KEIM RUNGE, B.S., Southern Illinois University, 1953
BETTY BACON RUTTER, B.S., University of Georgia, 1942
DEAN ALEN RYULE, B.S., Eastern Illinois University, 1950
HENRY RICHARD SALE, B.S., Western Illinois University, 1955
WILLIAM JAMES SANDVOS, Jr., B.S., 1958
EARL TYRUS SAWYER, B.S., Eastern Illinois University, 1953
MARGARET ANN SCHEFFELN, A.B., College of St. Joseph, 1952
ROBERT GERALD SCHMIDT, B.S., 1958
EMMA JANE SCHOEN, B.S., Shurtleff College, 1954
ELISE SINGER SCOTT, B.S., Northern Illinois University, 1951
ARTHUR LELAND SHEARBURN, B.S., 1950
HAROLD ALBERT SHEARLINE, B.S., University of Maryland, 1952
VERDIE GABRIEL SHIPLEY, B.S., 1936
GILBERT FRANCIS SILVA, B.Mus., Boston University, 1952
SISTER MARY JOHN KOEYERLEIN, A.B., St. Francis College, 1954
SISTER MARITA McGARTHY, A.B., DePaul University, 1951
SISTER CATHERINE SIENNA O’NEIL, A.B., St. Ambrose College, 1953
DOROTHY MABEL SKEFFELN, B.S., 1957
JOSEPHINE MARY SLEJNO, B.Ed., Illinois State Normal University, 1941
EUZGENA ENNENGA SMALL, A.B., MacMurray College, 1941
JAMES EUGENE SMITH, B.S., Southern Illinois University, 1947
WESLEY BURDETTE SNively, A.B., University of Colorado, 1941
LYLE WARD SPENCER, A.B., Shurtleff College, 1953
ARNOLD FRITZ STAHL, B.S., Western Illinois University, 1953
NELDA MAE STRELESKI, B.S., 1954
MARY ELIZABETH STYER, A.B., Monmouth College, 1931
JOSEPH EDWARD TICHENOR, B.S., Eastern Illinois University, 1955
ROBERT NORMAN VICKERS, B.S., Eastern Illinois University, 1949
THOMAS ALAN WACHTER, B.S., Illinois State Normal University, 1952
CHARLES NELSON WALT, B.S., Illinois State Normal University, 1955
LOYD GLENDAL WALKER, B.S., Greenville College, 1956
RICHARD WILLIAM WALKER, B.S., Eastern Illinois University, 1954
WILLIAM RICHARD WALSH, B.S., State University of New York College for Teachers (Buffalo), 1953
LOIS JANE WARREN, B.S., Southern Illinois University, 1953
LORETTA ARLENE WATSON, B.S., Eastern Illinois University, 1955
WILLIAM EDWARD WAYLAND, Jr., Ph.B., Illinois Wesleyan University, 1947
JOHN JOSEPH WENSING, B.S., Quincy College, 1957
JOSPEH CLARKE WHINERY, B.S., 1938
ROBERT GEORGE WHITE, B.S., 1938
FRED ROBERT WILKIN, Jr., B.S., 1953
LOUIS WILLIS WILLIAMS, B.S., 1954
ROBERT EMMerson WORSHAM, B.S., 1939
ROBERT EUGENE WRIGHT, A.B., A.M., Indiana University, 1954, 1956
MARIAN OPALENE SCHROEDER YATES, B.S., Southern Illinois University, 1946
PAULINE MEVIS ZOCH, B.S., 1956
ROSS WAYNE ZUMWALT, B.S., 1956

Degree of Master of Fine Arts

In Design

JOHN KENNETH SNIFFEN, B.F.A., Pratt Institute, 1953

In Painting and Printmaking

CHAREL S EUGENE FORSYTHE, B.F.A., 1958
MARTHA LEE ESTUS PURDY, B.F.A., Kansas City Art Institute and School of Design, 1957
Degree of Master of Architecture
PHILLIP JAMES GREENE, B.S., University of Kansas, 1955
DALE RAYMOND JOHNSON, B.Arch., 1957

Degree of Master of Accounting Science
PHILIP TIBBS, B.S., Murray State College, 1958

Advanced Certificate
In Education
JAMES EDWIN BONNEY, A.B., Coe College, 1947; A.M., Northwestern University, 1949
LEONARD A. DOBSON, B.S., Ed.M., 1940, 1956
JOHN PETER DUNNELL, B.S., Millikin University, 1950; M.S., Illinois State Normal University, 1955
HELEN LOUISE KUSTER FARR, A.B., Elmira College, 1944; A.M., Columbia University, 1946
GERALDINE ABNER GALLOWAY, B.S., M.S., 1941, 1942
LELAND MERVIN INMAN, B.S., Ed.M., 1955, 1957
MARGUERITA CHISM JOHNSON, A.B., Indiana University, 1934; M.S., 1950
ROBIN FRANKLIN LEDBETTER, B.S., Southern Illinois University, 1949; M.S., 1955
CHARLOTTE LUCILLE ROSE, B.S., Olivet Nazarene College, 1950; M.S., 1952
LELAND HENRY SCHNAKE, B.S., Western Illinois University, 1948; A.M., 1953
DELLA CAROLINE SIMMONS, A.B., MacMurray College, 1948; A.M., 1951

In Music Education
JOHN KESSLER STETLER, B.Mus., Cincinnati Conservatory of Music, 1951; M.Mus., University of Wichita, 1953

COLLEGE OF AGRICULTURE
Degree of Bachelor of Science
In Agriculture
LEON HANLON ASH
WILLIAM ALLEN CASE
NEAL EUGENE ECKERT
WILLIAM LEONARD HAGAN
DONALD KEITH HOFFMAN
JOHN BRENNER KRAUSE
JAMES COMMODORE MILLS
MERVIN LLOYD MIXER

In Dairy Technology
WILLIAM JOSEPH FORSYTHE

In Food Technology
SHARON GAY EGGERS
JO ANN MARIE GISH
PATRICIA MCKEE HALFORD

In Home Economics
JUDITH BRADFORD CROOK
MARY KATHRYN PIPER
IRENE OUTLAW ROBINSON
SUZANNE BERGERON SCHULTZ
MARCIA MAY WILLIAMS

In Home Economics Education
LINDA HALE BARTER, Honors
JANIS KAY FINLEY, Honors
UNIVERSITY OF ILLINOIS

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

SHERMAN ARNOLD
KENNETH WARREN BAUD
ROBERT LEROY BRODERSON
DAVID LEE GANN
PAUL THOMAS GASKINS
WILLIAM FRANK HAMMOND

WILLIAM EUGENE KRUSE
KRISHAN KUMAR KUMAR
RICHARD EARL LINDEMAN
MINAUDAGS PLESKYS
DAVID HAROLD SCHNITZER
CHARLES RAY STROM, High Honors

THOMAS HENRY NIELSEN

In Ceramic Engineering

ELMER DOLPHUS BLACKMON, JR.
ROBERT HENRY BRYANT
GENE RAYMOND BUIST
DAVID ROWATT CRAIG
IVAN DE LA CUESTA ABAD
HERNAN DE LA CUESTA ARIAS
LERoy FRANKLIN Foir
JOHN ALBERT GRAY, Honors
DALE EUGENE GRIESEr
WILLIAM THOMAS HANNA
GEORGE ROGER HARRINGTON
EDWIN FRANCIS HENN
KARL JOHN KLEPITSCH, JR.

THOMAS KARL ALBEE
DONALD KENT ALEXANDER
PITT WILLIS ARNOLD
SILVIO BAENA
LOWELL DUANE BATSON, Honors
RAYMOND ALBERT BELMONTE
FRED VINCENT BLAZINE
ROY EARNEST BROWN
EDWARD JAMES BRUIN
DARYL THOMAS BUTCHER
JAMES GARNSEY CARD
DONALD BARRINGTON CLARK
ROBERT CHARLES DRYDEN
PAUL ELWOOD EVANS
RICHARD DWIGHT FANNIN
RICHARD PHILLIP FIELITZ
DAVID SERVICE FISHER
GERALD ROBERT FITZMAURICE
LIONEL GOMBERG
WILLIAM BAUSMAN GUFFEY, Honors
JOHN ELMER GYURKO
WILLIAM ARTHUR HARTLEY, High
Honors
JAMES ROLLIN KETTERER, Honors
WILLIAM JAMES KINDER

HERNANDO LESMES
DONALD JOSEPH LUCAS
WILLIAM CHRISTIAN McCLURG, Honors
RAY GERALD MCCORMACK
THOMAS PHILLIP McGrath
IRVINE LEWIS McKITTRICK
LYNN DANA McNames
HEBERTO PACHÓN C.
RAYMOND JOSEPH Palciauskas
JOHN SANTFORD Perry III
FRANCIS Marion Piorkowski
ULDARICO POSADA SANTOS
DONALD ARTHUR Pries
JEROME Sheldon Raskin
RICHARD EDWARD Reed
RICHARD Ray REED
RICHARD GEORGE SCHUBERT
JAMES DAE STEWARTson
PAUL ARTHUR STROM
MARK MILLER TEMPLETON, Jr.
SIM Um
JOHN RICHARD WANKA
NICHOLAS GEORGE ZAVERDAS
HOWARD PAUL ZINSCHLAG

In Electrical Engineering

WILLIAM MAURICE GOLDEN
WILLIAM RAYMOND HARRISON

RICHARD JAMES WALLSTROM

In Engineering Physics

Hernando Lesmes
Donald Joseph Lucas
William Christian McClurg, Honors
Ray Gerald McCormack
Thomas Phillip McGrath
Irvin Lewis McKittrick
Lynn Dana McNames
Heberto Pachón C.
Raymond Joseph Palciauskas
John Sanford Perry III
Francis Marion Piorkowski
Uldarico Posada Santos
Donald Arthur Pries
Jerome Sheldon Raskin
Richard Edward Reed
Richard Ray Reed
Richard George Schubert
James Dale Stewardson
Paul Arthur Strom
Mark Miller Templeton, Jr.
Sim Um
John Richard Wanka
Nicholas George Zaverdas
Howard Paul Zinschlag

In Civil Engineering

ROBERT RINEHART LACHER
MICHAEL WILLIAM LEOPPEL
RICHARD ELLSWORTH Masten
GERALD Michael McDonnell
JOSEPH HowesMon FOUNO
DONALD Louis Rissling
Joseph Anthony SeYl, Jr.
DAVID PAUL SMITH
ALWIN Hans SORENSEN
RondAL THADDEUS Strugielski
WALDEMAR STANLEY StyZINSKI
CARL Bruno Wolfram
In General Engineering

DAVID LEE ALLEN
WILLIAM JOHN HEMPSTEAD
DENNIS EARLE LANTZ
WILLIAM JOSEPH PUSKAC

LEON ERNEST RICHARTZ
WILLIAM EDWARD WARREN
WILLIAM FRANCIS WEILAND
ROBERT EUGENE WINSTEAD

In Industrial Engineering

THOMAS RICHARD HOOGEVERST

HAROLD CHESTER PAYNE

In Mechanical Engineering

JOHN STEPHEN BUTLER, High Honors
RICHARD LEE CONRATH
HENRY JOHN DOKTER
FRED ERNEST DUSKIN
GLEN RAYMOND POTRE
DONALD GAITER
RICHARD JOHN HENRY
GLENN FREDERICK HOFNENTREITER
WILLIAM ERIC JANSSEN
LOUIS LAWRENCE LASKE

In Metallurgical Engineering

JAMES RUSSELL GAEBE

ROBERT WALTERS STUSKUID

In Sanitary Engineering

DONALD EVERETT ALTON
WALTER DANIEL PHELPS, JR.

ROBERT EDWARD SCHEIBLE

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

KENNETH JAMES ALLES
MICHAEL RICHARD BERZ
EDWARD GEORGE BLAHOUS
JORDAN JOEL BLOOM
HOWARD EUGENE CARR, JR.
THOMAS CZERNER
FUHRER D. DICKEY
ALAN MAURICE EFRUSSY
ROBERTA BRESLOFF FLODEN
DAVID RALPH GOODMON
MARIETTA HAMILTON
ROBERT DALE HARMON
DALE MARTIN HEIEN
JAMES WADE HILL
RICHARD WEI HSIEH
JOAN WILLIAMS HUBBARD
GEORGE JOHN JUST
LOUIS HERBERT KILBERT
JOHN HENRY LENZ
RICHARD JOHN MCKINLAY
BOOTZ DEE MERCER, Honors in Liberal Arts and Sciences with Highest Distinction in History
JON DAVID MOULTON, Honors in Liberal Arts and Sciences
MICHAEL ELIJAH MURRAY, Honors in Liberal Arts and Sciences
DAVID JAY MYERS
JOHN JOSEPH PETERSON
JEAN LYONS RICHARD
DANIEL LIVINGSTONE ROBERTS
BERNARD EDWIN RUDER
ARLENE LOUISE SENDERA
ROGER MONTGOMERY STERLING
STEVEN B. STERN
GEORGE SYDNEY STRATTON
ELIZABETH SUE SWANN
STEPHEN PAUL THOMAS, Honors in Liberal Arts and Sciences
JOHN JACOB TICKNER
JOSEPH WILLIAM VOGG
LAWRENCE KEYES WACASER, Honors in Liberal Arts and Sciences
DOYNE WILLIAM WHEETLEY
LISA GALAM WHITE

In the Teaching of English

ELAYNE SOOFAKES ERICKSON
MARY ANN MARCELLA MASLEY

DEBRA LEE PICKMAN
MARIFRANCES SGRO
1959] UNIVERSITY OF ILLINOIS 1015

In the Teaching of Social Studies

PATRICIA KAY DUNN

Degree of Bachelor of Science

In Chemical Engineering

WOLFRAM AXEL KOLLACKS
EDWARD BARTON PARRISH
PAUL LAVERN QUANDT
ROGER ANTHONY SCHMITZ, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

Janice Grace Sauerman

In Chemistry

PETER JOHN KAUFMANN

In Liberal Arts and Sciences

BARBARA LEA AHRENS
THOMAS LEONARD BRADLEY
LOD CALLAWAY, JR.
PETE EMMANUEL CASTRITIS
JOHN BELL CLARK, Honors in Liberal Arts and Sciences with Highest Distinction in Chemistry
JAMES CLINTON COPELAND
ROGER WILLIAM COTE
JOSEPH LEE DAW
ALBERT NEIL FINCHAM
MARGARET ANNE FLOWERS
ALAN DEAN FLYNN
NANCY JOHN FORSYTH, Honors in Liberal Arts and Sciences with Highest Distinction in Zoology

Nancy Ann Friedl
LARRY WAYNE GARRISON
ROBERT LEON HALL
WILLIAM HAMILTON
CRAIG WILLIAM IVERS
ROBERT WILLIAM KINNEY
HAROLD RICHARD KLATT
CHARLES MILTON MOSTAR
STEWARD CHARLES REIMAN
STANLEY JOHN RUSSELL, JR., Honors in Liberal Arts and Sciences with Highest Distinction in Mathematics
MARGUERET ANNE FLOWERS, HONORS IN LIBERAL ARTS AND SCIENCES WITH HIGHEST DISTINCTION IN MATHEMATICS

In Physics

PAUL KARL RICHARDS, Honors in Liberal Arts and Sciences

In Speech Correction

ELAINE ROBERTA STEIN, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

NANCY SUE MATHIS

In the Teaching of the Biological Sciences and General Science

LAWRENCE THOMAS SENNELLO

In the Teaching of Chemistry

RICHARD THOMAS COTTEN

In the Teaching of Mathematics

RICHARD BARTON PARRISH

COLLEGE OF LAW

Degree of Bachelor of Laws

PAUL WESLEY CLEVENGER, B.S., 1956
CHARLES HENRY JONES, JR.
HEIN JUERGENSEN, B.Mus., American Conservatory of Music, 1954
WILLIAM EVERETT LARRABEE, B.S., 1951
WESLEY EDWARD LINDBERG, B.S., 1958

CHARLES BREWER LINDELL, B.S., United States Naval Academy, 1950
EUGENE FRANCIS PARKER
MARGARET JEAN SCRANTON, A.B., 1955
DAVID FOSTER SMITH
BOARD OF TRUSTEES

[September 16]

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

JUDITH HOFFMAN BROCK  
JOSEPH DAVID FOUK  
JAMES NORMAN HARDESTY  
BARBARA ANN HARRISON  
JANE LOUISE JOHNSTON  
CATHERINE EDNA LOFTUS  
JANET JOHNSTON MCCANNON  
BARBARA NAUDZIUS McDOWELL  
RALPH RAYMOND MEYER  
DELBERT EUGENE MUELLER  
HARRIET JONES RECHNITZ  
SISTER MARY PATRICK CAIN  
SISTER MARY STEPHEN KING  
DOROTHY JEAN WADE

In the Education of Mentally Handicapped Children

JEAN PEASE EMRICK

In Elementary Education

MARY BLAZEKOVICH ALTENBERND  
FRANCES BLOME ARTHUR  
ANNETTE BARSEFPSKY  
GRACE SCHMIDT BARTSON  
CLEO DE ZARN BEASON  
MARY BOWMAN BLODGETT  
IOLA KIRTS BOVIE  
LOUISE SWAN BROWN  
ROBERT JOHN CASSIDY  
C. LORAINNE KUYKENDALL CLEVELAND  
SARA JEAN CONNELLY  
MARThA ANN GRAVES, Highest Honors  
YVONNE GRIFFIN  
JOAN KALMAN, Honors  
MARY KEEN KESSLER  
LARRY JOE KINDLE  
JAMES NICHOLAS KING  
JANET MIDORI MATSUMIHA, Honors  
BENITA RAE MOLINE  
MILDRED ELIZABETH MURRAY  
DORRIS HAINES NEWVILLE  
CATHARINE GAYNELL PATTON  
RITA BORRI REIMAN  
MARILYN KAY SIMPSON, Honors  
MARY ELLEN SROGCE  
ELIZABETH SHARP STRATTON, Honors  
SANDRA RHODES WEST, Honors  
VERNEICE SYLVESTER YEAZEL

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

LEONARD WALLACE ARENTSEN  
ROBERT LEO ARNOLD  
ROBERT LEROY CARNONI  
HOWARD EUGENE COCHRAN  
JAMES FRANK CORNILLE  
CHARLES CALVIN DETWILER  
LEONARD WALLACE ARENTSEN  
ROBERT LEO ARNOLD  
ROBERT LEROY CARNONI  
HOWARD EUGENE COCHRAN  
JAMES FRANK CORNILLE  
CHARLES CALVIN DETWILER  
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JAMES FRANK CORNILLE  
CHARLES CALVIN DETWILER  
LEONARD WALLACE ARENTSEN  
ROBERT LEO ARNOLD  
ROBERT LEROY CARNONI  
HOWARD EUGENE COCHRAN  
JAMES FRANK CORNILLE  
CHARLES CALVIN DETWILER

In Commerce and Law

LOUIS REA JONES

In Economics

BRUCE BARTLETT HERBERT  
HORACE WEBSTER MICKENS  
BRUCE BARTLETT HERBERT  
HORACE WEBSTER MICKENS  
BRUCE BARTLETT HERBERT  
HORACE WEBSTER MICKENS  
BRUCE BARTLETT HERBERT  
HORACE WEBSTER MICKENS

In Finance

GARY MICHAEL ADELMAN

In Industrial Administration

JAMES MILTON ALBRIGHT  
RICHARD MAX HARRIS  
DONALD GREGORY LONG  
ROBERT GORDON ZINN

In Elementary Education

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FRANCES BLOME ARTHUR  
ANNETTE BARSEFPSKY  
GRACE SCHMIDT BARTSON  
CLEO DE ZARN BEASON  
MARY BOWMAN BLODGETT  
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JOAN KALMAN, Honors  
MARY KEEN KESSLER  
LARRY JOE KINDLE  
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CATHARINE GAYNELL PATTON  
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HORACE WEBSTER MICKENS  
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SANDRA RHODES WEST, Honors  
VERNEICE SYLVESTER YEAZEL

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

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In Finance

GARY MICHAEL ADELMAN

In Industrial Administration

JAMES MILTON ALBRIGHT  
RICHARD MAX HARRIS  
DONALD GREGORY LONG  
ROBERT GORDON ZINN
UNIVERSITY OF ILLINOIS

In Management

Robert Dean Brotherton
William Dale Dietrich
Charles Alan Freeman
Ken Gunji
Joseph Paul Klotnia

Carl Waldemar Ostrand
Irena Liongina Paulius
Peter James Sheridan
Robert Paul Taylor

In Marketing

Dalia Ozelis de de la Cuesta
Don Gaylon Graham
Raymond Granville Grammer
Howard LeRoy Jenne

Everett Dan Kimmel
Robert Joseph Lowry
Arthur William Murray II
John Wazak

In Urban Land Economics

Alan Joseph Brody

COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

In Communications

Charles Arthur Amundson
Morton Roy Engelberg
Merrill Ann Hahn
Richard Hull Icen

Mary Ann McDonald
David Charles Mieheer, Jr.
Susan Margery Teegarden

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Architecture

Wayne George Andrews

Joseph Francis Pappalardo

Degree of Bachelor of Fine Arts

In Art Education

Gloria Rose Mikuta

Patricia Joy Sorensen

In Industrial Design

Ralph Dean Davis
Alan Frederic Eckel

Collan Blendon Kneale
Ronald Durham Parks

In Landscape Architecture

Robert Hilboldt Thornberry, Honors

In Painting

Sharon Smith Gear

Degree of Bachelor of Music

Gary Alfred Sipes

Degree of Bachelor of Science

In Music Education

Emily Ann Chval, Honors
James Dunn Flynn
John Joseph McCauley, Honors
Robert Harold Melhiser
Carolyn Joyce Mitchell

Sister Teresa Ann Harrington, High Honors
Virginia Zucks Uhlenhop
Norma Pearl West
On motion of Mrs. Watkins, the Board adjourned.

A. J. Janata
Secretary

Kenney E. Williamson
President
The October meeting of the Board of Trustees of the University of Illinois was held in the Pere Marquette Hotel, Peoria, Illinois, on Monday, October 21, 1959, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Wayne A. Johnston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Earl M. Hughes, Mr. Harold Pogue, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Professor Gilbert Y. Steiner, Director of the Institute of Government and Public Affairs; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MEETINGS OF BOARD COMMITTEES
Meetings of the Committees on General Policy, Buildings and Grounds, and Nonacademic Personnel were held in the forenoon, prior to the Board meeting.

LUNCHEON RECESS
A representative group of Peoria citizens — public officials, heads of civic organizations, and officers of Bradley University — were guests of the Board at luncheon.

ADDRESS BY DR. GILBERT Y. STEINER
Following the luncheon recess, President Henry presented Dr. Gilbert Y. Steiner, Director of the Institute of Government and Public Affairs, who addressed the Board on the functions and operations of the Institute.

The Board convened at 2:00 p.m. for its regular October meeting.

MINUTES APPROVED
The Secretary presented the minutes of the meeting of the Board of Trustees on June 23, 1959, press proof copies of which have previously been sent to the Board.

On motion of Mr. Swain, these minutes were approved as printed on pages 433 to 557, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY
(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Sheldon Alexander, Research Assistant Professor of Psychology, beginning September 1, 1959, at an annual salary of $8,000 (DY).
2. George W. Barlow, Assistant Professor of Zoology, beginning September 1, 1960, at an annual salary of $6,500 (B).
3. Roberto Diaz, Assistant Professor of Mathematics, beginning September 1, 1959, at an annual salary of $6,000 (D).
4. Robert F. Gray, Visiting Associate Professor of Anthropology, for the academic year 1959-60, at a salary of $8,000 (E).
5. Perry London, Assistant Professor of Psychology, beginning September 1, 1959, at an annual salary of $6,600 (D).
6. Daniel J. Perrino, Assistant Professor of Music Education in Extension, in the Division of University Extension, beginning February 1, 1960, at an annual salary of $7,350 (DY).
7. Paulo Ribenboim, Visiting Associate Professor of Mathematics, on one-half time, beginning September 1, 1959, at an annual salary of $3,600 (D).50.
8. Stephen C. Schmidt, Assistant Professor of Agricultural Economics, beginning September 1, 1959, at an annual salary of $8,500 (B).50.
9. Robert B. Scott, Assistant Professor of Pharmacy Administration, in the College of Pharmacy, on one-half time, beginning September 1, 1959, at an annual salary of $4,000 (D).50.
10. John T. Sharp, Clinical Assistant Professor of Medicine, beginning November 1, 1959, without salary (DY).
11. Larry Steinrauf, Assistant Professor of Physical Chemistry, beginning September 1, 1959, at an annual salary of $6,000 (D).
12. Vladimir S. Tuman, Associate Professor of Petroleum Engineering, in the Department of Mining and Metallurgical Engineering, beginning November 1, 1959, at an annual salary of $8,500 (D).
13. J. ELTON ZIMMERMAN, Assistant Professor of Animal Science, beginning September 15, 1959, at an annual salary of $7,350 (BY).

On motion of Mr. Swain, these appointments were confirmed.

ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(2) The Dean of the College of Veterinary Medicine recommends the following appointments to the Advisory Committee for the College of Veterinary Medicine for terms of two and three years beginning September 1, 1959.

Dr. W. J. ANGERER, Atkinson (two years)  Dr. PAUL JOHN MEGGINNIS, Roselle (two years)
Mr. DONALD IRVINE DEAN, Champaign Dr. LEON FREDERICK STIEGEL, Carbondale (three years)
HONORABLE A. B. McCONNELL, Woodstock (three years)

These appointments are additions to the Committee. Dr. Angerer has served on the Committee before. The others are new appointments.

I concur.

On motion of Mr. Herrick, these appointments were approved.

ADVISORY COMMITTEE FOR INSTITUTE FOR RESEARCH ON EXCEPTIONAL CHILDREN

(3) The Director of the Institute for Research on Exceptional Children recommends the following appointments to the Advisory Committee of the Institute for Research on Exceptional Children for three years beginning September 1, 1959.

Representatives of the University
PROFESSOR WALTER J. MOORE, College of Education
Professor James E. Hulett, Department of Sociology, and Professor J. McVicker Hunt, Department of Psychology, are the other representatives of the University. Their terms expire in 1961 and 1960 respectively.

Representatives of the Department of Public Instruction
Dr. OSCAR CHUTE, Superintendent of Evanston Public Schools, District No. 65, Evanston (reappointment)
Mr. Ray Graham, Director of the Division of Education for Exceptional Children, Springfield, is the other representative of the Department of Public Instruction. His term expires in 1960.

Representatives of the Department of Public Welfare
Mr. Harry McCintock, Assistant Director of the Department of Public Welfare, and Dr. Joseph Albaum, Superintendent, of the Lincoln State School, Lincoln, Illinois, are the representatives of the Department of Public Welfare. Their terms expire in 1961 and 1960 respectively.

The Board of Trustees on July 16, 1952 (minutes, page 5) approved the plan for the organization of the Institute which includes an Advisory Committee consisting of three representatives from the University, two from the Department of Public Welfare, and two from the Department of Public Instruction, each appointed for a three-year term.

The Dean of the College of Education and the Vice-President and Provost endorse these nominations.

I recommend approval.

On motion of Mr. Herrick, these appointments were approved.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(4) The Committee on Accountancy recommends that the certificates of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the
United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROBERT LESTER BONNINGTON</td>
<td>Oak Park</td>
<td>Iowa</td>
</tr>
<tr>
<td>F. A. COVER</td>
<td>Elkhart, Indiana</td>
<td>Iowa</td>
</tr>
<tr>
<td>SAMUEL DIAMOND</td>
<td>Evanston</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>JOHN PERSHING GUEDENZOPF</td>
<td>Danville</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>KURT JOHN HAHLENBECK</td>
<td>Santurce, Puerto Rico</td>
<td>Puerto Rico</td>
</tr>
<tr>
<td>FRANCIS EDMOND KASTENHOLZ</td>
<td>Glenview</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>MATTHEW CHARLES KEPH</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>EDMOND LOUIS SMITH</td>
<td>Belleville</td>
<td>Missouri</td>
</tr>
<tr>
<td>HARRY SAMUEL TEMPLE</td>
<td>Highland Park</td>
<td>Minnesota</td>
</tr>
</tbody>
</table>

I concur.

On motion of Mr. Johnston, these certificates were awarded.

NATIONAL DEFENSE EDUCATION ACT STUDENT LOAN FUNDS

(5) On December 17, 1958, the Board of Trustees approved acceptance of funds from the federal government under the National Defense Education Act of 1958 to establish the National Defense Student Loan Fund. The Board also appropriated funds from indirect costs on government research contracts to provide the 10 per cent of the total fund thus established required of the University under the law to match the federal grant.

During the year 1958-59 a total of $65,691 was received from the federal government and $7,300 was transferred from indirect cost funds for matching purposes. The United States Office of Education, which administers this student loan program, has advised that the University will be paid a total of $250,977 by the government for this purpose during 1959-60 — $167,652 of which has been received. Loan applications have been received for a significant portion of this amount. The probability is that approximately the same amount will be received in each of the next three fiscal years. It will thus be necessary to provide $27,887 of matching funds in 1959-60 and probably like amounts in each of the following fiscal years.

The Board of Trustees on March 11, 1958, authorized acceptance of bequests from the estates of Gretchen Johanna Schilling and Paul Charles Schilling, and $117,392.72 has been received. Under the wills of the testators, the funds are to assist worthy, indigent students at the University of Illinois, and these funds may properly be used to match the funds received from the federal government for the student loan program.

When accepting the Schilling bequests, the Board allocated one-half of the funds thus received for student loan purposes and one-half to endowment, the income from both funds to be used for scholarship purposes. Because of the difficulty in obtaining funds suitable for matching purposes, it is recommended that the assignment of the Schilling funds be modified and that during the period of the federal loan program, the Schilling funds be used for matching purposes to the extent required, including the repayment of funds previously advanced from indirect cost reimbursement. The sum of $35,186 will be so required in 1959-60, and probably approximately $27,000 will be needed in each of the three following years. It is further recommended that after the close of the federal program and the repayment of all loans, the Schilling funds thus assigned be returned to the uses originally specified.

This action will make it necessary to withdraw a portion of the Schilling fund from the endowment investment pool. In order to provide the necessary funds, it is recommended that United States Government securities presently held in the endowment pool and maturing within two years of date of transfer be conveyed to current funds investments. If approved, these transfers will be made as required during the period of the National Defense Education Act Student Loan Program and within the total amount of the Schilling fund.

These recommendations are made by the Vice-President and Comptroller and the Dean of Students, and I concur.

On motion of Mr. Harewood, these recommendations were approved.
APPRAISAL OF UNIVERSITY BUILDINGS

(6) The Business Manager of the Chicago Colleges and the Vice-President and Comptroller recommend the employment of Marshall and Stevens, Inc., Chicago, to appraise the following properties for insurance purposes, at a fee of $5,650, the cost to be charged against the income of operations housed in these buildings:

Staff Apartment Building, 809 South Marshfield Avenue, Chicago
Residence Hall, 800-818 South Wolcott Street, Chicago
Apartment Building, 829-833 South Marshfield Avenue, Chicago
Second Unit of the Dentistry-Medicine-Pharmacy Building, 808 South Wood Street, Chicago

It is the practice of the University to carry fire and extended coverage insurance on income producing buildings and other buildings financed through bond issues. (The Second Unit of the Dentistry-Medicine-Pharmacy Building was included in the bond issue which financed the construction of the other three buildings.) The insurance is subject to the 80 per cent co-insurance clause in order to obtain favorable rates. It is important to have accurate evaluations of buildings to assure that University coverage is adequate. The only evaluations accepted by insurance companies in the event of an insured loss are those certified by a professional appraisal company. The buildings listed here have not been previously appraised. After the initial appraisal, renewals of appraisals are made at a cost of approximately 10 per cent of the original fee. Since this appraisal is a professional service it is not subject to the requirements of competitive bidding but nevertheless quotations were secured from two companies and the quotation from Marshall and Stevens, Inc. is lower.

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

HOUSING REVENUE BONDS OF 1959 SERIES C AND D

(7) The Vice-President and Comptroller presents the Second Supplemental Housing Revenue Bond Resolution and recommends its adoption. He also recommends that the Board:

1. Ratify and confirm the actions of the Executive Committee in connection with the sale of these bonds.
2. Ratify and confirm the action of the Comptroller and the Secretary in executing the Loan Agreement with the Housing and Home Finance Agency.
3. Authorize the execution of the bonds by Frances B. Watkins, Timothy W. Swain, Members of the Board, and A. J. Janata, Secretary, and by the facsimile signature of the President of the Board.
4. Authorize the Comptroller and Treasurer to deliver the Series C Bonds to F. S. Smithers and Company and the Series D Bonds to the Housing and Home Finance Agency.
5. Ratify and confirm all actions taken or to be taken by the officers and members of the Board in connection with the sale and delivery of the Bonds.

I concur.

The Loan Agreement for Project No. Ill. 11-CH-04(D), of the Board of Trustees of the University of Illinois, Urbana, Illinois, Contract No. H(402)-370, was presented by the Secretary, and examined by the Trustees.

On motion of Mr. Johnston, the Second Supplemental Housing Revenue Bond Resolution, as printed below, was adopted, and the Board ratified and confirmed the actions of its Executive Committee and of its officers as recited above.

This action was taken by the following vote of record: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.
Second Supplemental Housing Revenue Bond Resolution

Supplementing Resolution Approved December 17, 1958, and Creating $3,450,000 Housing Revenue Bonds of 1959, Series C, and $3,450,000 Housing Revenue Bonds of 1959, Series D.


WHEREAS, The Board of Trustees of the University of Illinois, on due consideration and investigation, does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to construct and equip additional buildings and related facilities for the purpose of housing its students and staff; and

WHEREAS, in order to provide such facilities it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes 1957, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, The Board of Trustees of the University of Illinois on December 17, 1958 did duly adopt a resolution (herein sometimes called "Original Resolution") providing for the issuance of revenue bonds and under the terms of said Original Resolution did create and issue an initial issue of Bonds in the aggregate principal amount of $3,150,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series B," in the principal amounts of $1,625,000 and $1,525,000, respectively; and

WHEREAS, The Board of Trustees of the University of Illinois on June 23, 1959, did duly adopt a First Supplemental Resolution providing for the issuance of revenue bonds and under the terms of the Original Resolution as supplemented thereby (said Original Resolution as so supplemented by said First Supplemental Resolution being herein sometimes called the "Resolution") did create and issue additional Bonds in the aggregate principal amount of $1,640,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B," in the principal amounts of $110,000 and $1,530,000 respectively; and

WHEREAS, The Board of Trustees of the University of Illinois now desires to create and to authorize the issue, authentication and delivery of an additional issue of Bonds under and in accordance with the Resolution as supplemented by this Second Supplemental Resolution thereto, which additional Bonds are to be limited to the aggregate principal amount of $6,900,000 at any one time outstanding, $3,450,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C" (hereinafter called "1959 Series C Bonds") and $3,450,000 of which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series D" (hereinafter called "1959 Series D Bonds").

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois:

ARTICLE ONE

SUPPLEMENTARY PROVISIONS RELATING TO INCOME AND THE APPLICATION THEREOF

SECTION 1.1. Pledge of Revenues. The pledge of the revenues (including the revenues to be derived from the operation of Project C hereinafter mentioned) contained in Section 5.01 of the Original Resolution and Section 1.1 of the First Supplemental Resolution is hereby ratified and confirmed and all revenues to be derived from the operation of Project C are hereby specifically pledged for the purposes mentioned in said Section 5.01 of the Original Resolution.

SECTION 1.2. Supplementation of Revenues. It is hereby determined by the
Board of Trustees and it is hereby covenanted that in view of the additional issue of Bonds to be outstanding it is necessary to supplement the revenues to be derived from the facilities by a further use of student tuitions which are authorized by law to be retained in the Treasury of the University and therefore the limitation contained in clause (b) of Section 5.03 of the Original Resolution as supplemented by Section 1.2 of the First Supplemental Resolution be and the same is hereby increased by an amount equal to $300,000 so that such supplementation shall henceforth be an amount not to exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in subsection (b) of Section 5.02 of the Original Resolution, or (b) $450,000 plus such additional sums as may be specified in any other resolution supplemental to the Resolution as supplemented hereby, creating or authorizing the issuance of additional Bonds.

ARTICLE TWO

1959 Series C Bonds and 1959 Series D Bonds, and the Issuance Thereof

Section 2.1. Project C and Purpose of Issue of Bonds. The project (hereinafter designated "Project C") to be acquired, constructed, equipped and completed pursuant to this Second Supplemental Resolution is described in a general way as:

A residence hall to be located at the northwest corner of Euclid Avenue and Peabody Drive, Champaign, Illinois, consisting of three housing buildings and one food service building for approximately 1,494 single undergraduate students, sometimes known as the Peabody Drive Residence Halls, plus movable equipment for university residence halls.

The estimated cost of said Project C is $6,900,000 exclusive of land and exclusive of any prorata share of the University power and heating plant serving the project and the estimated cost of each portion of said Project C is more fully set forth in the plans and specifications thereon on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip Project C that the University borrow the sum of $6,900,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

Section 2.2. Terms of 1959 Series C Bonds and 1959 Series D Bonds. There is hereby created and authorized two additional series of Bonds to be issued under the Resolution as supplemented by this Second Supplemental Resolution to be substantially in the form and of the tenor and purport hereinafter set forth and limited to the aggregate principal amount of Six Million Nine Hundred Thousand Dollars ($6,900,000) at any one time outstanding, Three Million Four Hundred Fifty Thousand Dollars ($3,450,000) of which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C" (hereinafter called "1959 Series C Bonds"), and the remaining Three Million Four Hundred Fifty Thousand Dollars ($3,450,000) principal amount thereof shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series D" (hereinafter called "1959 Series D Bonds").

The 1959 Series C Bonds and the 1959 Series D Bonds shall be issued as negotiable coupon Bonds dated October 1, 1959, registrable as to principal in the denomination of $1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to April 1, 1960, in which case they shall be dated October 1, 1959. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons shall be numbered in such manner satisfactory to the Trustee as may be designated by the Comptroller and shall be issued in denominations of $1,000 or multiples thereof, shall bear interest from October 1, 1959, payable semi-annually on the first days of April and October in each year until paid, commencing April 1, 1960, at the rates provided below and shall mature in the following amounts on October 1 of the following years:
The 1959 Series C Bonds and the 1959 Series D Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on October 1, 1969, or on any interest payment date thereafter in the inverse order in which they mature at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<table>
<thead>
<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1, 1969 through April 1, 1974</td>
<td>3%</td>
</tr>
<tr>
<td>October 1, 1974 through April 1, 1979</td>
<td>2 1/2%</td>
</tr>
<tr>
<td>October 1, 1979 through April 1, 1984</td>
<td>2%</td>
</tr>
<tr>
<td>October 1, 1984 through April 1, 1989</td>
<td>1 1/2%</td>
</tr>
<tr>
<td>October 1, 1989 through April 1, 1994</td>
<td>1%</td>
</tr>
</tbody>
</table>

All redemptions made on or after October 1, 1994 shall be without premium and all redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.

SECTION 2.3. Payment of Principal and Interest. Both the principal of and the interest on the 1959 Series C and 1959 Series D Bonds shall be payable in any
coin or currency which, on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, or its successor in the City of Chicago, Illinois, or at the option of holders at The Chase Manhattan Bank, or its successor, in the Borough of Manhattan and City and State of New York.

SECTION 2.4. Form of Bonds. The definitive coupon Bonds of 1959 Series C and 1959 Series D, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1959 Series C and 1959 Series D, shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in series, number, interest rate, maturity and like matters:

(Form of Coupon Bond)

UNITED STATES OF AMERICA
STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS HOUSING REVENUE BOND OF 1959
(Series.............)

Number.................................. $1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS ($1,000), on October 1, 19......, and to pay interest on said sum from the date hereof until paid at the rate of ............ per cent (.....%) per annum, payable April 1, 1960, and semi-annually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of $.......................... principal amount of Housing Revenue Bonds of 1959, Series ............., which with the 1959 Series............. Bonds constitute an issue of Six Million Nine Hundred Thousand Dollars ($6,900,000), issued and to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First and Second Supplemental Resolutions thereto duly adopted June 23, 1959 and October 21, 1959, respectively (said Bond Resolution as so supplemented being herein referred to as the "Resolution"), for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on October 1, 1969, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: three per cent (3%) of the principal amount thereof if redeemed October 1, 1969 through April 1, 1974; two and one-half per cent (21/2%) of the principal amount thereof if redeemed October 1, 1974 through April 1, 1979; two per cent (2%) of the principal amount thereof if redeemed October 1, 1979 through April 1, 1984; one and one-half per cent (11/2%) of the principal amount thereof if redeemed October 1, 1984 through April 1, 1989; one per cent (1%)
Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 14 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of $450,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, the Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Trustee in Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer by delivery hereof and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereeto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereeto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder, and The Board of Trustees of the University of Illinois, the Trustee, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds
without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66&2/3%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinafore set forth.

In Witness Whereof, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of October, 1959.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest:                              By                             
                                      Secretary                             President
                                      Member                             Member
                                      (Form of Interest Coupon)

Number.................................................. $...........................

On the first day of ........................................, 19...... (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University
of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of ........................................ Dol

lar(s) ($..........................) in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York, as provided in the Housing Revenue Bond of 1959, Series ................., dated

........................................, 1959, Number.......................

........................................

Secretary

(From of Registered Bond Without Coupons)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY

OF ILLINOIS HOUSING REVENUE BOND OF 1959

(Series...............)

No............................

$..........................

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Housing Revenue Bond Fund as hereinafter provided for, and not otherwise) to ........................................, or registered assigns, on October 1, 1959, the principal sum of ........................................ Dollars ($..........................) and to pay interest thereon which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond registration books of the Trustee hereinafter mentioned as Bond Registrar, at the rate of ........................................ per cent (.............%) per annum, payable April 1, 1959, and semi-annually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of ........................................ Dollars ($..........................) principal amount of Housing Revenue Bonds of 1959, Series .........., which with the 1959 Series .......... Bonds constitute an issue of Six Million Nine Hundred Thousand Dollars ($6,900,000), issued and to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First and Second Supplemental Resolutions thereto duly adopted June 23, 1959 and October 21, 1959, respectively (said Bond Resolution as so supplemented being herein referred to as the "Resolution") for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on October 1, 1959, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: three per cent (3%) of the principal amount thereof if redeemed October 1, 1969 through April 1, 1974; two and one-half per cent (21/2%) of the principal amount thereof if redeemed October 1, 1974 through April 1, 1979; two per cent (2%) of the principal amount thereof if redeemed October 1, 1979 through April 1, 1984; one and one-half per cent (11/2%) of the principal amount thereof if redeemed October 1, 1984 through April 1, 1989; one per cent (1%) of the principal amount thereof if redeemed on October 1, 1989.
through April 1, 1994; and without premium if redeemed on October 1, 1994 or thereafter.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1957, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuition authorized by law to be retained in the University treasury, but not in excess of $450,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or of the State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this series shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Trustee in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution, upon payment of the transfer charges therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66⅔%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the
express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinabove set forth.

In Witness Whereof, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signature of its President and signed by two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest: ............................................ Secretary

.......................................................... By .......................................................... President

.......................................................... Member ....................................................... Member

ARTICLE THREE

MISCELLANEOUS

SECTION 3.1. Application of Bond Proceeds. The Board of Trustees hereby determines that Project C will become revenue producing on or about September 30, 1961 and therefore that portion of the proceeds of the 1959 Series C Bonds and 1959 Series D Bonds representing the interest accrued on such Bonds to the date of payment therefor shall, together with an amount equal to the interest to accrue on such Bonds through September 30, 1961, be deposited with the Trustee in the Bond and Interest Sinking Fund account as required by Section 6.01 of the Resolution.

The balance of said proceeds of the 1959 Series C Bonds and the 1959 Series D Bonds, respectively, shall, as required by Section 6.01, be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation and shall be accounted for as one or more separate funds. The application of the funds in such accounts and the disposition thereof shall in all respects comply with all the terms and provisions of Article Six of the Resolution, subject to the terms and provisions of any contract or agreement permitted by or contemplated
in said Article Six between the Board of Trustees and any original purchaser of such Bonds.

SECTION 3.2. Interpretation and Construction. This Second Supplemental Resolution is supplemental to and is adopted in accordance with Sections 2.06 and 4.02 of the Resolution. In all respects not inconsistent with this Second Supplemental Resolution, the Resolution is hereby ratified, approved and confirmed, and all of the definitions, terms, covenants and restrictions of the Resolution shall be applicable to the additional Bonds authorized by this Second Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this Second Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Resolution, and the Resolution and this Second Supplemental Resolution shall be read, taken and construed as one and the same instrument. In executing or authenticating any Bond authorized by this Second Supplemental Resolution the Trustee and each officer, agent or employee of the University shall be entitled to all of the privileges and immunities afforded to them under the terms of the Resolution.

SECTION 3.3. Resolution Effective on Passage. This Resolution shall become effective upon its passage.

President

Attest:

Secretary
Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

**CONTRACT FOR REPLACEMENT OF ELEVATOR IN GREGORY HALL**

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $6,600 to Colley Elevator Company, Chicago, for replacement of the elevator in Gregory Hall. This elevator has been in service for about twenty years and has reached a state of obsolescence which requires high maintenance costs.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

**CONDEMNATION PROCEEDINGS FOR ACQUISITION OF LAND ADJOINING UNIVERSITY PROPERTY**

(10) The Buildings and Grounds Committee has approved the acquisition of approximately sixty acres of land located between First Street and the Illinois Central Railroad immediately south of the University property, about a half-mile south of St. Mary's Road. This land is needed by the University for a number of educational purposes, such as the Firemen's Training School, the relocation of the office of and a research building for the Small Homes Council-Building Research Council, replacement for land formerly used by the College of Agriculture and which has been devoted to other purposes, and for other University facilities. The owner of record of this land is Fred V. Percival, but information obtained from him and others indicates that a group, represented by Charles M. Webber, has acquired some interest in the land in addition to any interest therein which Mr. Percival may still retain. Negotiations have been conducted by representatives of the Physical Plant Department and the Vice-President and Comptroller with Mr. Webber, but his clients are unwilling to sell the property to the University except at a price which University officers deem excessive. It is, therefore, necessary for the University to resort to its right of eminent domain in order to acquire the property at a reasonable price.

Accordingly, the Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend adoption of the following resolution, and I concur.

**Resolution**

*Be It, And It Is Hereby Resolved, Found And Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the following described real estate situated in the County of Champaign in the State of Illinois, to-wit:*

All of that part of the Southwest Quarter (SW 1/4) of the Southeast Quarter (SE 1/4), of Section 24, Township 19 North, Range 8 East of the Third Principal Meridian, in said County which lies East of the Illinois Central Railroad right of way; and all of the Southeast Quarter (SE 3/4) of the Southwest Quarter (SW 1/4) of said Section 24; and that part of the Southwest Quarter (SW 1/4) of Section 19, Township 19 North, Range 9 East of the Third Principal Meridian in said County which lies West of the Public Road (said Public Road being South First Street in the City of Champaign, Champaign County, Illinois, as extended beyond and South of the corporate limits of said City to and through a portion of said Southwest Quarter (SW 1/4) of said Section 19 and to and through a portion of said Southeast Quarter (SE 1/4) of the Southeast Quarter (SE 3/4) of said Section 24); excepting, however, from the foregoing the following described parcels of land, viz: The South 240 feet of the East 363 feet of said Southeast Quarter (SE 3/4) of the Southeast Quarter (SE 1/4) of said Section 24, containing two acres, more or less, and that part of said Southwest Quarter (SW 1/4) of said Section 19 described as follows:
Beginning at the Southeast corner of said Section 24, running thence North along the East line of said Section 24, a distance of 240 feet; running thence Easterly on a line parallel with the South line of Section 24 to the centerline of said hereinabove mentioned public highway (i.e., South First Street so extended) as the same now exists; running thence Southerly along the centerline of said public highway to a point where said centerline intersects with the South line of Section 24 extended; and running thence Westerly to the place of beginning, as described in Deed Book 483, Page 503 of the records of said County; and

A tract of land situated in said Southeast Quarter (SE 1/4) of the Southeast Quarter (SE 1/4) of said Section 24, described and bounded as follows:

Beginning at a point in the East line of said Section 24, said point being 638 feet, more or less, distant North of the Southeast corner of said Section 24 and being marked with an iron pipe; running thence Westerly, along a line parallel to the South line of said Section 24, a distance of 363 feet to an iron pipe; running thence Northerly along a line parallel to the East line of said Section 24, a distance of 363 feet to a point on the East line of said Section 24, said point being marked with an iron pipe; running thence Southerly along the East line of said Section 24, a distance of 120 feet, to the place of beginning, containing one acre, more or less; and

A tract of land in the Southwest Quarter (SW 1/4) of said Section 19, described and bounded as follows:

Beginning at an iron pipe in the East line of said Section 24, said point being 638 feet (more or less) distant North from the Southeast corner of said Section 24; running thence Northerly along the East line of said Section 24, a distance of 120 feet to a corner, said corner being marked with an iron pipe; running thence Easterly along a line parallel to the South line of said Section 24, to the centerline of said hereinabove mentioned public highway (i.e., South First Street so extended) as the same now exists; running thence Southerly along the centerline of said public highway, a distance of 120 feet, to a corner; and running thence Westerly along a line parallel to the South line of said Section 24 to the place of beginning.

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, as the site for a building and other structures needed and to be constructed by said University of Illinois for educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use; that funds have been appropriated by the General Assembly of the State of Illinois for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and highly excessive and is, therefore, unwilling and has refused to pay; and

Be It, And It Is Hereby Further Resolved, Found And Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and that they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, And It Is Hereby Further Resolved, Found And Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the
purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land (other than Illinois Bell Telephone Company, Illinois Power Company, and Panhandle Illinois Pipeline Company which own certain easement rights over, under and through said property which said easement rights will not interfere with the public and educational use proposed to be made of said property by said The Board of Trustees of the University of Illinois and, therefore, need not presently be acquired or extinguished by said The Board of Trustees of the University of Illinois) determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, And It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pope, Mr. Stratton.

RELOCATION OF FACILITIES FOR ELEMENTARY EDUCATION

The Executive Committee has authorized the removal of one of the "T Dormitories" now in Illini Village to a nearby campus area and remodeling of this building to provide quarters for the elementary education activities of the College of Education, now housed in temporary buildings on the Parade Grounds and which must be removed for construction of the Peabody Drive Residence Halls.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of the following orders for additional work required on this project through changes in existing contracts with these contractors:

- General work — Oran L. Shoemaker and Company, Champaign, $9,050
- Electrical work — Brunkow Electric Company, Champaign, 3,000
- Plumbing work — David W. Reichard Plumbing and Heating, Urbana, 2,800
- Heating work — Reliable Plumbing and Heating Company, Champaign, 1,000
- Ventilating work — Schroeder and Sons Company, Champaign, 500

I concur.

On motion of Mr. Herrick, the Comptroller was authorized to execute these changes in contracts as recommended.

CONTRACT FOR PARKING AND TRAFFIC ENGINEERING STUDIES FOR CHICAGO UNDERGRADUATE DIVISION CAMPUS

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with George W. Barton and Associates, Inc., Chicago, for parking and traffic engineering studies as a part of the general planning in connection with the site selection for the Chicago Undergraduate Division. The terms of the contract will provide for the payment of standard professional engineering fees for principals, senior engineers and planners, assistant engineers, and draftsmen, plus out-of-pocket expenses at a total cost estimated not to exceed $11,000.

I concur in this recommendation.
On motion of Mrs. Watkins, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

ADDITION TO CONTRACT FOR CENTRAL FOOD STORES BUILDING

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $6,505.67 in the contract with the Felmley-Dickerson Company for revisions in the drainage and paving of Oak Street as part of the construction of the Central Food Stores Building. Because of the freezing of capital appropriations, certain utilities extensions for the Assembly Hall which had been planned to run down Oak Street prior to the paving could not be put in, and alternate plans for grading and pavement must be made so that access to the Food Stores Building can be maintained when the utilities are extended to the Assembly Hall. This involves more paving than originally planned.

I concur, and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Swain, this recommendation was approved.

ADDITION TO CONTRACT FOR ISOLATION BUILDING ON VETERINARY RESEARCH FARM

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $3,054.34 in the contract with D. E. MacMillan Associates, Champaign, to accept the alternate for construction of sewage disposal facilities at this building.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mr. Herrick, this recommendation was approved.

CONTRACTS FOR CONSTRUCTION OF ADDITION TO ABBOTT POWER PLANT AND FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM

(15) The Board of Trustees has authorized the awards of contracts for thirteen divisions of work on the construction of an addition to the Abbott Power Plant, extensions of the utilities distribution system and equipment installations, contingent upon the release of funds and provided that the contractors concerned will extend the time during which their bids will be firm.

All but two of the thirteen contractors have agreed to extend the time for acceptance of their bids beyond the date stated in the bid documents. The time now having expired, the proposals of the two contractors have been rejected and their certified checks have been returned. One contractor agreed to a thirty-day extension and will reconsider a further extension at the end of that period. Ten contractors are willing to extend the time their bid prices will be firm to March 1, 1960, and in some cases beyond that date. Accordingly, letters indicating the University's intent to award contracts have been sent to these contractors with a request for their acceptance.

Submitted herewith is a schedule of the contracts involved, the bid prices, and showing which contractors have agreed to extension of time. A copy of this is being filed with the Secretary of the Board for record.

Some of the contractors have asked permission to substitute bid bonds for the certified checks deposited. These are reasonable requests and the Director of the Physical Plant and the Vice-President and Comptroller recommend that substitution of bid bonds for certified checks be authorized.

I concur in the recommendation.

On motion of Mrs. Watkins, this recommendation was approved.

ADDITION TO CONTRACT FOR FINE ARTS BUILDING AND KRANNERT ART MUSEUM

(16) The Dean of the College of Fine and Applied Arts, the Director of the Physical Plant, and the Vice-President and Comptroller recommend an increase of $4,251.84 in the contract with the Kuhne-Simmons Company, Inc. for general work on the Fine and Applied Arts Building to add a gravel aggregate to the top layer of the concrete patio around the reflecting pool and fountains and an increase
of $8,227.45 to substitute walnut paneling for birch paneling in the lobbies, gallery, and trim in other areas of the Krannert Art Museum.

A textured surface on the patio is desirable to avoid large surfaces of concrete and the resulting glare and to provide a more compatible design with the marble mass on the surface of the Krannert Art Museum. It will also be less slippery when wet than the concrete finish. The inclusion of walnut paneling is in keeping with the original plans for the building.

Funds are available, and I recommend that the Comptroller be authorized to execute the changes in the contract.

On motion of Mr. Swain, this recommendation was approved.

EASEMENT FOR DRAINAGE ON WARREN FARM
(17) The Dean of the College of Agriculture and the Vice-President and Comptroller recommend that an easement be granted over the northwest corner of a forty-acre tract owned by the University in Piatt County, which was bequeathed by Mrs. Elizabeth Warren. Mr. Chauncey E. Bates, the owner of the land to the north of this farm, is installing a twelve-inch drainage tile, which needs to cross the University's property. This will benefit the University's property and will also permit the University to connect tile lines to the drainage in the future. The Agricultural Engineering Department estimates that this access will be worth $140 to the University, and the Vice-President and Comptroller recommends that a contract be approved for the payment of this sum.

I concur and recommend adoption of the following resolution:

Resolution

Be It And It Is Hereby Resolved by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS that the Comptroller and Secretary of this public corporation be, and they hereby are, authorized for and on behalf of this public corporation to convey to Chauncey E. Bates of Piatt County, Illinois, the right and easement to enter upon the following described lands of said public corporation, to wit:

The Southeast Quarter (SE ¼) of the Southeast Quarter (SE ¼) of Section Nine (9), Township Twenty (20) North, Range Six (6) East of the Third Principal Meridian (3rd P.M.);

hereinafter referred to as the "servient tenement"; for the placement, construction, operation, repair, maintenance, and location thereupon of a tile drainage system consisting of a single line of tile, 12 inches in diameter, across the northwest corner of the above servient tenement, for the use of said Chauncey E. Bates for the drainage of farm land owned by him described as follows:

The North One-Half (N ¼) of the Southeast Quarter (SE ¼) of Section Nine (9), Township Twenty (20) North, Range Six (6) East of the Third Principal Meridian (3rd P.M.) in Piatt County, Illinois,

hereinafter referred to as the "dominant tenement"; including the right of ingress to and egress from said tile system with the necessary tools, machinery, and equipment to perform the acts mentioned; the exact location of said tile drainage system to be determined by agreement between grantee and this public corporation's farm manager, and, once established, to be fixed in said location; said easement and right to be granted for so long as it continues to be used for the purposes herein set forth and to run with the described land now owned by Chauncey E. Bates as set forth above; as consideration for and as a condition of said easement this public corporation to receive the right to make connection with said tile drainage system for the drainage of the servient tenement, said connection to be made at such point in the tile drainage system and at such time within the next five years hereafter as this public corporation may choose.

Be It And It Is Hereby Further Resolved that said Comptroller and Secretary be and they are hereby authorized for and on behalf of this public corporation to execute, acknowledge, and deliver such easements, contracts, and other documents as may to them appear necessary and desirable to accomplish the aforementioned purposes, subject to the approval of the Legal Counsel as to the form and validity of such documents.

On motion of Mr. Herrick, this resolution was adopted, and the payment was authorized.
FORD FOUNDATION GRANT FOR ENGINEERING FACULTY
RECRUITMENT AND DEVELOPMENT PROGRAM

The Ford Foundation has approved a grant of $275,000 to the University of Illinois to be used over a period of three years for experimental projects for strengthening engineering faculties. As announced by the Foundation, "The primary purpose of this Fund is the recruitment by way of doctoral education of as many highly qualified personnel as possible into engineering faculty careers within the next five years. These years are particularly crucial to the future of engineering education. The urgent needs are to add greater scientific and mathematical emphasis to the undergraduate curricula and to increase the number of students preparing for engineering careers at all levels. Thus, the recruitment, preparation and retention of highly qualified faculty personnel is the foremost problem of engineering education. The program outlined is designed to accomplish this purpose by aiding those students or student recruits from industry, government, or engineering faculties, who are seriously interested in an academic career to complete the doctorate in engineering with reasonable dispatch. It is characterized by its flexibility and by its adaptability as a supplement to other sources of financial aid."

The terms and conditions of the grant are satisfactory to those who will administer the program. It is planned to use $150,000 of the grant for predoctoral fellowships and loans; $100,000 for development of faculty at the University of Illinois; and $25,000 to provide stipends to members of engineering faculties at other institutions so that they may do graduate work at the University of Illinois.

I have accepted the grant on behalf of the University and am pleased to report this action for official record.

This report was received for record.

PURCHASES

Purchases Authorized

The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnish and apply approximately 5,000 gallons MC-O prime, 10,000 gallons MC-5 asphalt and 210 tons each of 7/8 in. and 5/8 in. aggregate to parking area east of the Student-Staff Apartments on the south side of Green Street</td>
<td>Physical Plant Storeroom</td>
<td>Illiana Construction Co., Inc., Urbana</td>
<td>500.00 f.o.b. job site</td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One radiation counting system consisting of the following: proportional flow counter, detector, decade scaler, high voltage supply, automatic sample changer, printing timer, methane gas, and gas regulator: all for use on 60 volts, 60 cycle current</td>
<td>Agronomy</td>
<td>Picker X-Ray Corp., Chicago</td>
<td>$3,524.00 f.o.b. delivered</td>
</tr>
<tr>
<td>100 tons 50 per cent soybean oil meal for delivery at twenty-five tons per month</td>
<td>Animal Science</td>
<td>Swift &amp; Co., Champaign</td>
<td>6,350.00 f.o.b. mill</td>
</tr>
<tr>
<td>Construction of road for the radio-telescope project near Danville</td>
<td>Astronomy</td>
<td>Chism &amp; Miller, Inc., Springfield</td>
<td>10,476.13</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>------</td>
<td>------------------------</td>
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<td>----------</td>
</tr>
<tr>
<td>Green slat (aluminum) shades, custom made and installed, for two Botany Department greenhouses</td>
<td>Botany</td>
<td>H. Baldwin, Mamaroneck, N.Y.</td>
<td>$1 174.00</td>
</tr>
<tr>
<td>One electronic cell counter and cell analyzer permitting rapid cell counting greater than 6,000 cells per second, relative cell size, and relative cell size distribution</td>
<td>Chemistry and Chemical Engineering</td>
<td>Coulter Electronics, Inc., Chicago</td>
<td>4 100.00</td>
</tr>
<tr>
<td>One Tektronix type 551 dual beam oscilloscope One 500/53A scopemobile Two type &quot;L&quot; preamplifiers Two type &quot;CA&quot; preamplifiers</td>
<td>Electrical Engineering</td>
<td>Tektronix, Inc., Elmwood Park</td>
<td>8 58.95</td>
</tr>
<tr>
<td>One surface grinder, 6 in. x 18 in. capacity complete with motor and controls, less trade-in allowance of one DoAll 6 x 18 surface grinder and one John Steptoe 20 in. shaper with Turner Uni-Drive</td>
<td>Mining and Metallurgical Engineering</td>
<td>C. B. Burns Machinery Co., Chicago</td>
<td>2 97.36</td>
</tr>
<tr>
<td>13,000 enfold patients charts</td>
<td>Research and Educational Hospitals</td>
<td>Diebold, Inc., Chicago</td>
<td>2 190.90</td>
</tr>
<tr>
<td>Printing and binding 1,500 copies of Illinois Legislative Process, by Steiner and Gove, approximately 224 pages per copy</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>2 665.36</td>
</tr>
<tr>
<td>Printing and binding 6,000 copies of book entitled Fundamentals of Aviation and Space Technology</td>
<td>Institute of Aviation</td>
<td>The Interstate Printers &amp; Publishers, Inc., Danville</td>
<td>17 299.40</td>
</tr>
<tr>
<td>4,000 gallons (approximately) aircraft motor oil to be furnished as requested during period November 1, 1959, through June 30, 1961</td>
<td>Institute of Aviation</td>
<td>Sinclair Refining Co., Champaign</td>
<td>2 600.00</td>
</tr>
<tr>
<td>51,500 purchase order forms</td>
<td>Office Supply Store</td>
<td>Cooke Business Forms, Danville</td>
<td>3 361.53</td>
</tr>
<tr>
<td>50,000 delivery invoice-voucher forms</td>
<td>12,000 supplemental forms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Approximately 5,000 bd. ft. of 1 in. No. 3 spruce and 17,000 bd. ft. of 2 in. construction grade fir lumber as ordered for period of November 1, 1959, through January 31, 1960</td>
<td>Physical Plant</td>
<td>Hillcrest Lumber Co., Champaign</td>
<td>3 364.30</td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were authorized.

**COMPTROLLER'S REPORT OF CONTRACTS**

(20) The Comptroller's report of contracts executed during the period September 1 to 30, 1959.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Dynamics Corp.</td>
<td>Training and educational research reactor</td>
<td>171 010.00</td>
<td>July 22, 1959</td>
</tr>
<tr>
<td>Elizabeth McCormick Memorial Fund</td>
<td>Creative and analytical thinking in gifted children</td>
<td>15 000.00</td>
<td>August 1, 1959</td>
</tr>
<tr>
<td>National Educational Television and Radio Center</td>
<td>Determine the relative effectiveness of the use of a series of filmed demonstrations in teacher education for a new high school mathematics curriculum</td>
<td>165 391.00</td>
<td>July 20, 1959</td>
</tr>
<tr>
<td>State of Illinois Department of Public Safety</td>
<td>Operation of a fire college and regional fire school programs</td>
<td>150 000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>United States Department of Agriculture 12-14-100-4545(74)</td>
<td>Relationship of processing methods to characteristics of dry bean products</td>
<td>24 869.00</td>
<td>September 10, 1959</td>
</tr>
</tbody>
</table>
### UNIVERSITY OF ILLINOIS

#### 1959

**With Whom**

Win C. Buettgen  
St. Philip High School

**Purpose**

Orchestra to play for a dance at Navy Pier, September 26, 1959  
Rental of St. Philip high school stadium on October 10 and 31, 1959

**Amount to be Paid by the University**  
$192.00  
$270.00

**Effective Date**  
August 5, 1959  
July 14, 1959

### Leases

**With Whom**

Hahn, Inc.  
International Harvester Co.  
MacCarthy Ford Tractor Sales, Inc.  
Massey-Ferguson, Inc.  
Mrs. Emery M. Rhodes

**Purpose**

One HBK-24 super K Hi-boy; one LP pump kit; one 8.40 boom kit; one set HD 8 corn drops; one 9q hand gun; seventeen ¾ TT-8005 E nozzles  
Rental of farm machinery, nineteen items: $11.26 to $1,032.23  
One Ford model No. 891 tractor and one Ford model No. 604-1 one-row picker sheller  
Two MF 65 tractors; one No. 39 corn planter, with attachments; one No. 36-7' delivery rake; one No. 31-6' mower; one No. 68 lift disk harrow; and one No. 74 three-bottom plow  
Rental of premises at 205 ½ North Street, Normal, Illinois, from September 1, 1959, to June 30, 1961, for the Division of Services for Crippled Children

**Amount to be Paid by the University**  
$250.00 annually  
$270.00 annually  
$507.00 annually  
$930.87 annually  
$2,750.00 annually

**Effective Date**  
May 13, 1959  
July and August, 1959  
August 3, 1959  
September 9, 1959  
September 1, 1959

### Contract Changes

**With Whom**

American Cyanamid Co.  
Bendix Product Division, Bendix Aviation Corp.  
International Cooperation Administration  
Reinforced Concrete Research Council  
Tee-Pak Foundation  
Tennessee Valley Authority  
United States Army, DA-11-022-ORD-1980  
United States Army, DA-11-022-ORD-1983  
United States Army, DA-11-177-AV-582  
United States Army, DA-40-007-MD-421  
United States Navy, N01-1814 (21)

**Purpose**

Amino triazole and other compounds as selective weed killers in crops and for the control of perennial weeds  
Thermal diffusivity, thermal conductivity, and elastic moduli of ceramic-metal combinations at elevated temperatures  
Technical assistance to Allahabad Agricultural Institute and North Central Region in India  
Multiple panel reinforced concrete floor slabs  
Various types of films as retardants to deterioration of meat and meat products  
Effect of credit on fertilizer purchases by farmers in Illinois  
Tool flank wear  
Problems relating to the synthesis of one and two terminal-park networks  
Pilot training  
Transmission of the common cold under controlled conditions  
Artificial intelligence computers

**Amount to be Paid to the University**  
$1,000.00  
$2,511.58  
$289,900.00  
$20,000.00  
$3,500.00  
$4,000.00  
$15,248.00  
$14,158.00  
$3,305.25  
$66,666.00  
$48,000.00

**Effective Date**  
July 29, 1959  
August 14, 1959  
August 13, 1959  
September 1, 1959  
June 22, 1959  
July 1, 1959  
September 1, 1959  
September 1, 1959  
August 4, 1959  
August 31, 1959  
August 1, 1959

### Adjustments Made in 1958-59 Cost-Plus Contract

**With Whom**

E. T. Drewitch  
(Plastering)

**Purpose**

Twenty-three items: $672.77  
Deduct to $175.26

**Amount**  
$676.12

**Date**  
August, 1959

---

1 Deduct.
Adjustments Made in 1959-60 Cost-Plus Contract

With Whom | Purpose | Amount | Date
--- | --- | --- | ---
Harry F. Fisher (Plastering) | Twenty-one items: $31.00 deduct $3,097.00 to $950.00 | August and September, 1959

This report was received for record.

**APPROPRIATION FOR EQUIPMENT FOR GRADUATE COLLEGE**

(21) The Board of Trustees has authorized the purchase of an IBM card to paper tape converter for the Graduate College at a cost of $5,800. The Vice-President and Provost and the Vice-President and Comptroller recommend an assignment of $2,900 from the General Reserve for one-half the cost; the other half will be charged against the Graduate College budget.

This machine will replace the present IBM type 063 card controlled type punch used by the Data Processing Committee in the Graduate College which has been decreasing in its accuracy and is impossible to repair. The new equipment will attach to a standard card punch machine and will be accurate and twice as fast as the old machine.

I concur.

On motion of Mr. Swain, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

**INVESTMENTS**

(22) The Finance Committee reported the following changes in investments of trust funds:

**URBANA-CHAMPAIGN**

*Endowment Funds — General*

**Purchase**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$32,000</td>
<td>8/15/66 $29,080.00</td>
</tr>
<tr>
<td>$4,000</td>
<td>10/1/69 $3,930.00</td>
</tr>
<tr>
<td>$12,000</td>
<td>9/1/65 $11,070.00</td>
</tr>
</tbody>
</table>

**G. A. Miller Endowment Funds**

**Sale**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000</td>
<td>6/15/83 $905.00</td>
</tr>
</tbody>
</table>

**Current Funds**

**Exchange**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,100,000</td>
<td>8/1/59 for</td>
</tr>
<tr>
<td>$2,100,000</td>
<td>8/15/60</td>
</tr>
</tbody>
</table>

**Purchase**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$31,000</td>
<td>8/1/59 $31,019.38</td>
</tr>
</tbody>
</table>

**CHICAGO**

*City of Chicago Escrow*

**Exchange**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$31,000</td>
<td>8/1/59 for</td>
</tr>
<tr>
<td>$31,000</td>
<td>8/15/60</td>
</tr>
</tbody>
</table>

**Report of the Comptroller**

The Comptroller reported the following changes in unexpended plant fund investments, over which he has authority as shown:

**URBANA-CHAMPAIGN**

*Men's Residence Hall Revenue Bond Fund of 1956* (authorized by Board of Trustees resolutions dated March 23, 1956, minutes page 982, and September 18, 1956, minutes page 49)

**Purchase**

<table>
<thead>
<tr>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$113,000</td>
<td>9/3/59 $112,507.82</td>
</tr>
<tr>
<td>$18,000</td>
<td>12/10/59 17,818.92</td>
</tr>
</tbody>
</table>
Women’s Residence Hall Revenue Bond Fund of 1956 (authorized by Board of Trustees resolution dated September 18, 1956, minutes page 52)
Purchase
§ 38 000 U. S. Treasury bills 8/20/59 $ 37 934 98
38 000 U. S. Treasury bills 10/1/59 37 875 18

Men’s Residence Hall Revenue Bond Fund of 1957 (authorized by Board of Trustees resolution dated March 12, 1957, minutes page 334)
Purchase
§ 35 000 U. S. Treasury bills 9/3/59 $ 34 953 33
126 000 U. S. Treasury bills 11/5/59 125 248 90

Assembly Hall Revenue Bonds Construction Fund (authorized by Board of Trustees resolution dated June 23, 1959)
Purchase
§ 255 000 U. S. Treasury bills 8/13/59 $ 254 541 00
400 000 U. S. Treasury bills 9/17/59 404 007 22
423 000 U. S. Treasury bills 10/15/59 419 467 95
354 000 U. S. Treasury certificates 3 4 11/15/59 353 889 38
281 000 U. S. Treasury bills 12/22/59 276 905 52
108 000 U. S. Treasury certificates 3 4 2/15/60 51 886 25
52 000 U. S. Treasury bills 3/22/60 35 927 71
37 000 U. S. Treasury bills 4/15/60 193 660 33
200 000 U. S. Treasury bills 11/5/59 1 102 320 31
383 000 U. S. Treasury bills 7/15/60 3 661 103 64
5 000 U. S. Treasury bills 7/15/60 4 786 41
325 000 U. S. Treasury notes 4 4/15/60 326 726 56

Housing Revenue Bonds of 1958 Construction Fund (authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1959)
Purchase
§ 300 000 U. S. Treasury bills 12/10/59 $ 296 339 67
200 000 U. S. Treasury bills 11/5/59 198 284 00
300 000 U. S. Treasury bills 10/8/59 298 100 00
322 000 U. S. Treasury bills 9/3/59 321 264 32
75 000 U. S. Treasury bills 1/15/60 74 031 67

Housing Revenue Bonds of 1959 Construction Fund (authorized by Board of Trustees resolution dated June 23, 1959)
Account “A”
Purchase
§ 98 000 U. S. Treasury notes 3 4/15/60 $ 97 387 50

Account “B”
Purchase
§ 150 000 U. S. Treasury bills 2/4/60 $ 147 330 00
106 000 U. S. Treasury bills 2/4/60 104 118 59
469 000 U. S. Treasury notes 3 4/5/15/60 469 598 99
82 000 U. S. Treasury bills 1/14/60 80 770 55
102 000 U. S. Treasury bills 9/10/59 101 821 50
102 000 U. S. Treasury bills 10/8/59 101 528 59
92 000 U. S. Treasury bills 11/12/59 91 287 00
92 000 U. S. Treasury bills 12/10/59 91 080 26

Assembly Hall Revenue Bonds Sinking Fund (authorized by Board of Trustees resolution dated June 23, 1959)
Purchase
§ 95 000 U. S. Treasury certificates 3 4/2/15/60 $ 94 792 19
49 000 U. S. Treasury bills 9/17/59 48 763 71
95 000 U. S. Treasury bonds 2 4/11/15/60 92 714 06
105 000 U. S. Treasury bonds 2 4/9/15/61 101 259 38
93 000 U. S. Treasury notes 4 8/1/59 93 058 13
2 000 U. S. Treasury notes 4 8/15/60 2 224 90
2 000 U. S. Treasury certificates 3 4/2/18/60 1 993 75
Exchange
§ 93 000 U. S. Treasury notes 4 8/1/59 93 000 00
93 000 U. S. Treasury notes 4 8/15/60 93 000 00
Housing Revenue Bonds of 1958 Sinking Fund (authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1959)
Purchase
$ 59,000 U. S. Treasury bills 9/17/59 $ 58,841.68

Housing Revenue Bonds of 1959 Sinking Fund (authorized by Board of Trustees resolution dated June 23, 1959)
Purchase
$ 25,000 U. S. Treasury bills 9/21/59 $ 24,936.22
25,000 U. S. Treasury bills 3/22/60 24,393.33
23,000 U. S. Treasury notes 4/34 8/15/60 23,129.38

CHICAGO
Dentistry-Medicine-Pharmacy Building Revenue Bonds — Auxiliary (authorized by Board of Trustees resolution dated December 16, 1953, minutes page 1191)
Purchase
$ 275,000 U. S. Treasury bills 5/7/59 $ 273,114.00
30,000 U. S. Treasury bills 11/5/59 29,769.30

Revenue Bond Fund of 1951 Reserve Account (authorized by Board of Trustees resolution dated March 13, 1951)
Purchase
$ 2,500 U. S. Treasury bonds 2 1/4 8/15/63 $ 2,496.88
2,500 U. S. Treasury bonds 2 1/2 8/15/63 2,356.25
2,500 U. S. Treasury bonds 2 3/4 8/15/63 2,325.00

This report was received for record.

EXECUTIVE COMMITTEE MEETING

The Secretary submitted the following report of the Executive Committee held in Chicago on Tuesday, September 29, 1959, this being the minutes of said meeting:

Meeting of the Executive Committee on September 29, 1959
On call of the Chairman, the Executive Committee of the Board of Trustees of the University of Illinois met in Room 800, Illinois Central Railroad Terminal Station, 135 East Eleventh Place, Chicago, Illinois, on Tuesday, September 29, 1959, beginning at 2:00 p.m.

The following members of the Committee were present: Mr. Kenney E. Williamson, Chairman, Mr. Wayne A. Johnston, and Mrs. Frances B. Watkins. Also present were Mr. Herbert O. Farber, Vice-President and Comptroller, Mr. Vernon L. Kretschmer, Director of Housing, Mr. Morris S. Kessler, Assistant Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

The Committee considered the following matters of business presented by the Vice-President and Comptroller and the Secretary of the Board on behalf of the President of the University.

Appropriation for Studies for Illinois Commission of Higher Education
The Illinois Commission of Higher Education has requested the University to make a number of studies relating to developing data and other information which the Commission desires for its own study of plans for a unified administration of the state-supported institutions of higher education.

These studies by the University will involve expenditures for which no provision has been made in the budget and an assignment of $2,500 is requested to supplement the incidental and emergency budget of the President's Office.

On motion of Mr. Johnston, this assignment was made by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

Relocation of Facilities for Elementary Education
Construction of the Peabody Drive Residence Halls necessitates relocation of the College of Education's elementary education activities now housed in temporary buildings on the Parade Grounds.

The Director of the Physical Plant and the Vice-President and Comptroller
recommend that one of the "T Dormitories" now located in Illini Village be re-
moved to the area south of the Alpha Tau Omega fraternity house on Pennsyl-
vania Avenue and remodeled for use by the College of Education to provide space
for the elementary education services which can not be housed elsewhere. The re-
modeled building can be used in the new location for a number of years to come.
An assignment of $38,000 from the General Reserve Fund is recommended for
this project.

It is imperative that this work be started as soon as possible. The University
has standing cost-plus contracts authorized by the Board of Trustees for remodel-
ing work and this project can be handled through such contracts. Accordingly, the
Director of the Physical Plant and the Vice-President and Comptroller recommend
authorization of change orders as follows:

General work (including moving of dormitory) — Oran L. Shoemaker and
Company, Champaign ................................................................. $9 500
Plumbing work — David W. Reichard Plumbing and Heating, Urbana..... 2 400
Heating work — Reliable Plumbing and Heating Company, Champaign.... 1 200

A supporting statement from the Physical Plant Department is submitted
herewith and a copy is being filed with the Secretary of the Board for record.

The President of the University concurs in these recommendations.

On motion of Mrs. Watkins, these recommendations were approved by the
following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none;
absent, none.

Purchases

The Director of Purchases has proposed and the Vice-President and Comptroller
recommends the following purchases.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Electrical</td>
<td>Tobe Deutschmann Corp., Norwood, Mass.— Item A</td>
<td>$11 500 00</td>
</tr>
<tr>
<td></td>
<td>Engineering</td>
<td>Aerovox Corp., New Bedford, Mass.— Item B</td>
<td>4 700 00 f.o.b.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>delivered</td>
</tr>
<tr>
<td></td>
<td>Engineering</td>
<td>E. H. Grothe, Tolono</td>
<td>3 400 00 f.o.b.</td>
</tr>
<tr>
<td></td>
<td>Library</td>
<td>Maurice Hindus, New York, N.Y.</td>
<td>3 000 00 job site</td>
</tr>
</tbody>
</table>

First edition of sixty-five-
volume Soviet Encyclope-
dia
One volume Soviet Encyclo-
pedia, 1943
Russian History of the
United States, 1942

On motion of Mr. Johnston, these purchases were authorized.

Contract for Gas Installations for Orchard Place Apartments

It has been found necessary to install standby liquid petroleum equipment to pro-
vide gas for 38 of the 120 Orchard Place apartments because the Illinois Power
Company can not issue permits to provide the maximum gas service which may
be required for all of them. This can be done through a contract change order
with the Reliable Plumbing and Heating Company with which the University has
a standing cost-plus contract for plumbing and heating work on minor building
alterations and repairs. The estimated cost is $7,134. This estimate has been
checked by the Physical Plant Department and is considered a reasonable charge.
Moreover there is economy in having this work done by the cost-plus contractor
rather than through a subcontractor under the general contractor for the con-
struction of the apartments.

The Director of the Physical Plant and the Vice-President and Comptroller
recommend, and the President of the University concurs, that the Reliable Plumb-
ing and Heating Company be authorized to do this work on the basis of a change order in the standing contract with that Company.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

**Sale of Bonds for Peabody Drive Residence Halls**

Bids were received at 11:00 a.m., September 29, 1959, for the sale of The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C and D, to finance construction of the Peabody Drive Residence Halls.

Four bids were received from private companies for $3,450,000 Series C bonds as follows:

<table>
<thead>
<tr>
<th>Company</th>
<th>Price</th>
<th>Interest Rates</th>
<th>Effective Interest Rate</th>
<th>Total Interest Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. S. Smithers &amp; Co. and Associates</td>
<td>$3,400,000</td>
<td>4%, 4.5%, 4.5%</td>
<td>4.5644</td>
<td>$4,154,037</td>
</tr>
<tr>
<td>Blyth &amp; Co. and Associates</td>
<td>3,400,235</td>
<td>5%, 4.5%, 4.5%</td>
<td>4.5829</td>
<td>4,167,219</td>
</tr>
<tr>
<td>John Nuveen &amp; Co. and Associates</td>
<td>3,400,979</td>
<td>5%, 4.5%, 4.5%</td>
<td>4.5995</td>
<td>4,182,325</td>
</tr>
<tr>
<td>White, Weld, &amp; Co. and Associates</td>
<td>3,400,000</td>
<td>5%, 4.5%</td>
<td>4.6017</td>
<td>4,184,344</td>
</tr>
</tbody>
</table>

No bids were received for the Series D bonds. However, the Housing and Home Finance Agency has issued a letter of intent to execute a Loan Agreement, wherein the federal government will agree to purchase $3,450,000 Series D bonds at par and accrued interest at an interest rate of 3 1/2%.

The Vice-President and Comptroller recommended that:

1. The Comptroller and Secretary of the Board be authorized to execute a Loan Agreement with the Housing and Home Finance Agency, provided the provisions of the Loan Agreement are acceptable to the Comptroller.
2. The Series C bonds in the amount of $3,450,000 be sold to F. S. Smithers and Company and Associates at a price of $3,400,000 plus accrued interest and at an effective interest rate of 4.5244 per cent, which represents the lowest interest cost to the University.
3. The Series D bonds in the amount of $3,450,000 be sold to the Housing and Home Finance Agency at an interest cost of 3 1/2 per cent in accordance with and pursuant to the above mentioned Loan Agreement.

On motion of Mr. Johnston, these recommendations were approved by the following vote: Aye, Mr. Johnston, Mrs. Watkins, Mr. Williamson; no, none; absent, none.

There being no further business before the Committee, on motion of Mr. Johnston, the Executive Committee adjourned.

WAYNE A. JOHNSTON  
FRANCES B. WATKINS  
KENNEY E. WILLIAMSON  
Chairman

A. J. JANATA  
Clerk

**DEGREES CONFERRED**

The Secretary presented for record the following lists of degrees conferred at Urbana on October 15, 1959.

**Summary**

<table>
<thead>
<tr>
<th>Degrees in the Graduate College:</th>
<th></th>
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<tbody>
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<td>Doctor of Philosophy ..............</td>
<td>116</td>
</tr>
<tr>
<td>Doctor of Education ..............</td>
<td>9</td>
</tr>
<tr>
<td>Doctor of the Science of Law.....</td>
<td>1</td>
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<tr>
<td>Master of Arts ..................</td>
<td>10</td>
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<tr>
<td>Master of Science ..............</td>
<td>47</td>
</tr>
<tr>
<td>Master of Music ................</td>
<td>1</td>
</tr>
<tr>
<td>Master of Education ............</td>
<td>4</td>
</tr>
<tr>
<td>Master of Accounting Science....</td>
<td>1</td>
</tr>
<tr>
<td>Total, Graduate College ..........</td>
<td>198</td>
</tr>
</tbody>
</table>
Baccalaureate Degrees:
Bachelor of Science, College of Agriculture ........................................ 1
Bachelor of Science, College of Engineering ...................................... 5
Bachelor of Arts, College of Liberal Arts and Sciences .................. 4
Bachelor of Science, College of Liberal Arts and Sciences ............. 2
Bachelor of Science, College of Education ................................... 11
Bachelor of Science, College of Commerce and Business Administration.. 4
Bachelor of Architecture, College of Fine and Applied Arts .......... 1
Bachelor of Science, Division of Special Services for War Veterans .... 1
Total, Baccalaureate Degrees .................................................. (29)

Total, Degrees Conferred ...................................................... 227

GRADUATE COLLEGE
Degree of Doctor of Philosophy

In Accountancy
CLARENCE GEORGE AVERY, B.S., University of Omaha, 1953; M.S., 1956
FLOYD WESLEY WINDAL, B.S., M.S., 1952, 1955

In Agricultural Economics
ROLAND CHANT BEVAN, B.S., M.S., University of Minnesota, 1923, 1937
BILLY JOE BOND, B.S., University of Missouri, 1953; M.S., 1958
JACK BENNETT CLAAR, B.S., M.S., 1947, 1948
KENNETH RAY TEFERTILLER, B.S., M.S., Oklahoma State University, 1952, 1957

In Agronomy
JOE LYNN KEY, B.S., University of Tennessee, 1955; M.S., 1957
MAW SHU WANG, B.S., Taiwan Provincial College of Agriculture, 1951; M.S.,
Oklahoma State University, 1956

In Animal Nutrition
HENRY WERNER ESSIG, B.S.A., M.S., University of Arkansas, 1953, 1956
ROBERT HIRONAKA, B.S., M.S., University of Alberta, 1951, 1953
GEORGE JIRI KLAIN, B.S.A., Ontario Agricultural College, 1954; M.S., University
of Toronto, 1955
RANJAN DAHYAHAI MEHTA, B.S., M.S., University of Bombay, 1953, 1957
PARTAB THIRATHDAVARANDANI, B.S., M.S., Agra University, 1950, 1952

In Animal Science
FRANK CROSSMAN HINPS, B.S., Illinois State Normal University, 1952; M.S., 1957
PAUL HENRY SAMMELWITZ, B.S., Cornell University, 1955; M.S., 1957
DAVID CLARENCE SNETSINGER, B.S., M.S., 1952, 1957

In Bacteriology
HERBERT MINORU NAKATA, B.S., M.S., 1952, 1956
MARY LOWELL BRANSON TAYLOR, B.S., University of Idaho, 1954

In Botany
VARD A KHAN, B.S., M.S., 1956, 1957

In Ceramic Engineering
WILLIAM RUDOLPH BRATSCUN, B.S., M.S., 1953, 1957

In Chemical Engineering
JUE WAH CHEN, B.S., Taiwan College of Engineering, 1953; M.S., 1957
RICHARD FRANCIS GAERTNER, B.S., M.S., West Virginia University, 1955, 1957
EDWARD MARSHALL ROSEN, B.S., M.S., Illinois Institute of Technology, 1951, 1953
In Chemistry

RONALD DEAN ARCHER, B.S., M.S., Illinois State Normal University, 1953, 1954
ALEXANDER DEMETRIOS ARGOUNELIS, Dipl.Chem., National University of Athens, 1953; M.S., 1957
RICHARD ITSUO ASAI, B.S., Oregon State College, 1952
BHARAT BHUSHAN BHATIA, B.S., M.S., University of Delhi, 1952, 1954
JOHN ALLARD CHANDLER, B.S., Ohio University, 1955; M.S., 1958
ADDISON GILBERT COOK, B.S., Wheaton College, 1955
JOHN PICKETT DISMUKES, B.S., Alabama Polytechnic Institute, 1955
PALMER DIAL, A.B., Coe College, 1953
CHRISTIE GEORGE ENKE, B.S., Principia College, 1955; M.S., 1957
HARLAN DAVIE FRANE, Jr., A.B., Municipal University of Wichita, 1955; M.S., 1958
JERRY PARKER HEESCHEN, B.S., Western Reserve University, 1953
WILLIAM AVERY HILLS, A.B., A.M., Fisk University, 1934, 1956
RAYMOND HAWES HUNT, B.S., Western Kentucky State College, 1952
CONSTANCE YVONNE KARNES, B.S., South Dakota State College, 1954; M.S., 1956
WILLIAM JOSEPH LENNARZ, B.S., Pennsylvania State University, 1956
DONALD JACKSON MANUS, A.B., Southern Illinois University, 1949; M.S., 1957
JOHN ALFRED McLEAN, Jr., B.S., Tennessee Agricultural and Industrial State University, 1948; M.S., 1956
TERRY WILSON MILLIGAN, B.S., Marietta College, 1956
WARREN KENNETH MUSKER, A.B., Bradley University, 1955
JOSEPH HENRY RYAN, Jr., B.S., College of St. Thomas, 1954

In Civil Engineering

JOSEPH HAYNE APPLETON, B.C.E., Alabama Polytechnic Institute, 1947; M.S., 1949
MICHAEL PAUL GAUS, B.S., M.S., 1954, 1956
GEORGE TERRELL MAYES, B.S., University of Texas, 1955; M.S., 1956
DONALD McDOUGAL, B.C.E., Alabama Polytechnic Institute, 1952; M.S., 1957
GEORGE FRANCIS JR., B.S., Marquette University, 1953; M.S., 1956
WILLIAM KENNETH STOCKDALE, B.S., United States Military Academy, 1951; M.S., 1958

In Communications

FRANCIS EARLE BARCUS, A.B., A.M., 1952, 1956

In Dairy Science

CARL LEE DAVIS, B.S., Western Kentucky State College, 1952; M.S., University of Kentucky, 1955
ROBERT JAMES FORREST, B.S.A., M.S.A., University of British Columbia, 1944-1955
ELON WILSON FRAMPTON, A.B., Syracuse University, 1949; M.S., Northwestern University, 1951
ROBERT ARTHUR OPPERMANN, B.S., M.S., 1955, 1956
JOHN REGINALD STAUBUS, B.S., M.S., 1950, 1956

In Economics

MELVILLE PETERSON, B.S., M.S., Washington University, 1943, 1948

In Education

KHOSROW MOHANDESSI, Bachelor, Tehran University, 1951; A.M., 1956
MARY ANNE RAYWID, A.B., Woman's College of the University of North Carolina, 1949; A.M., 1950
LEONARD FORDYCE SWIFT, A.B., Swarthmore College, 1937; A.M., Harvard University, 1939
YUNG JUIN YU, A.B., Ken-Koku University, 1945; Ed.M., State University of New York Teachers College (Buffalo), 1955
In Electrical Engineering

JOHN CHARLES BUCHTA, A.B., University of Minnesota, 1949; M.S. (Physics), M.S. (Electrical Engineering) 1951, 1955
CHENG-LIN CHEN, B.S., National Taiwan University, 1954; M.S., 1956
DARRELL ELMER CRIS, B.S., Rose Polytechnic Institute, 1943; M.S., 1950
JOSE BEJAR CRUZ, JR., B.S., University of the Philippines, 1953; M.S., Massachusetts Institute of Technology, 1956
SAMARENDRAMOHON DASGUPTA, B.S., M.S., University of Calcutta, 1942, 1944; M.S., 1958
ANDREW WILLIAM SWAGO, B.S., M.S., Iowa State College, 1946, 1951

In English

MONTGOMERY MORTON CULVER, JR., A.B., A.M., University of Pittsburgh, 1949, 1950
STEPHEN FOSTER ELLISTON, Ph.B., A.M., University of Chicago, 1946, 1951
HAROLD MARVIN HURWITZ, A.B., A.M., Boston University, 1952, 1954
HAROLD EDMEN PENDLETON, A.B., 1949; A.M., Harvard University, 1952
ROBIN SCOTT WILSON, A.B., Ohio State University, 1950; A.M., 1951

In Food Technology

MASUO SUGAI, B.Eng., Keio University, 1946

In French

JOHN ROSCOE FINN, A.B., University of Western Ontario, 1940; A.M., University of Toronto, 1955

In Geography

LOIS ELAINE COULSON, B.S., Southern Illinois University, 1944; A.M., Oberlin College, 1946
RICHARD LORREY DAY, A.B., A.M., Clark University, 1948, 1950
JAMES WELDON GALLAGHER, B.S., M.S., Illinois State Normal University, 1951, 1952

In Geology

THOMAS CHARLES BUSCHBACH, A.B., M.S., 1950, 1951

In History

ROBERT WALES HEYWOOD, A.B., University of Massaehusets, 1955; A.M., 1957
WALTER THOMAS LUCZYNSKI, A.B., New York University, 1949; A.M., University of Michigan, 1950
L. WESLEY NORTON, A.B., B.Th., Olivet Nazarene College, 1944, 1945; A.M., 1950

In Horticulture

JAN WALLACE ABERNATHIE, B.S., M.S., 1951, 1952
FRANKLIN ALBERT POKorny, B.S., M.S., 1953, 1956
MOHAMED TAWFYK HAPEZ RAGAB, B.S., M.S., University of Alexandria, 1949, 1954

In Mathematics

JAMES ROBERT BOEN, A.B., Dartmouth College, 1956; M.S., 1957
RECE THOMAS HARRIS, A.B., Reed College, 1955; A.M., 1956
JAMES TONEI JOICHI, B.S., Roosevelt College, 1949; M.S., 1950
DAN HANS LORENZ, B.S., Illinois Institute of Technology, 1953; M.S., University of Chicago, 1955; A.M., 1957

In Mechanical Engineering

HSIN LANG LI, B.S.E., University of Michigan, 1954; M.S., 1955

In Metallurgical Engineering

JAMES TRAVIS STANLEY, B.S., M.S., 1952, 1954
In Physical Education
James Wood Tuma, A.B., Albion College, 1935; A.M., University of Michigan, 1942

In Physics
Dwight Comber Burnham, B.S., Iowa State College, 1943; B.S., United States Military Academy, 1946; M.S., 1956
Roger Walz Shaw, B.S., University of Rochester, 1955; M.S., 1956

In Physiology
Alexander Bortoff, B.S., Western Reserve University, 1953; M.S., West Virginia University, 1956
Alphonse Nicholas Welter, A.B., Loras College, 1952; M.S., 1957
John William Yusken, B.S., Northwestern University, 1949; M.S., 1950

In Plant Pathology

In Political Science
Melvin Potter Strauss, B.S., A.M., 1949, 1950

In Psychology
In-mao Liu, B.S., National Taiwan University, 1954; M.S., Ohio University, 1957

In Sanitary Engineering
Anthony Francis Gauty, Jr., B.S., University of Massachusetts, 1951; M.S., Massachusetts Institute of Technology, 1955

In Sociology
Robert Vance Gardner, A.B., Northwestern State College (Oklahoma), 1942; A.M., State University of Iowa, 1944

In Spanish
Betty Bayliss, A.B., University of Michigan, 1954; A.M., University of New Mexico, 1955

In Speech
William Brock Brentlinger, A.B., Greenville College, 1950; A.M., Indiana State Teachers College, 1951
James Oliver Morgan, A.B., A.M., 1939, 1940

In Statistics
Roger Hamlin Farrell, Ph.B., M.S., University of Chicago, 1947, 1951
Benjamin Henry McLemore, Jr., A.B., Dillard University, 1944; M.S. (Teaching of Mathematics), A.M. (Statistics), 1952, 1955

In Theoretical and Applied Mechanics
Hao-Wen Liu, B.S., Miami University, 1951; M.S. (Management), B.S. (Mechanical Engineering), M.S. (Mechanical Engineering), 1953, 1954, 1956

In Zoology
Richard Dean Brewer, A.B., Southern Illinois University, 1955; M.S., 1957
Theodore Bulkley Ford, A.B., M.S., University of Mississippi, 1948, 1949
Charles Raymond Puglia, B.S., Elmhurst College, 1952; M.S., 1953
Marie Tucker, A.B., Greenville College, 1936; A.M., 1943
Degree of Doctor of Education
In Education

WENDELL GAYLORD ANDERSON, B.Ed., Illinois State Normal University, 1943; A.M., 1949
HAROLD LEE DEWEES, B.Ed., Illinois State Normal University, 1941; M.S., 1950
BERYL REESE DILLMAN, A.B., Olivet Nazarene College, 1949; Ed.M., 1952
GEORGE ALEXANDER FALCONER, B.S., M.S., Washington University, 1941, 1947
GEORGE MICHAEL GAZDA, B.S., M.S., Western Illinois University, 1952, 1953
LEONARD JOSEPH LUCITO, B.S., M.S., 1951, 1953
EVELYN IRENE ROUNDER, A.B., University of Iowa, 1945; M.S., 1951
EARL WALDO STEININGER, A.B., M.S., 1940, 1950

Degree of Doctor of the Science of Law

ARJUN PRAKASH AGGARWAL, A.B., LL.B., University of Delhi, 1950, 1953; A.M., Panjab University, 1954

Degree of Master of Arts

In Art Education
ROY ARNOLD STEFFENS, B.F.A., 1958

In History
KENNETH GREGORY BUGAN, A.B., 1952
THOMAS KELLY, A.B., Pennsylvania State University, 1958
FREDERICK BENJAMIN MISSE, JR., A.B., University of Kansas, 1958

In Labor and Industrial Relations
GREGORY ALLEN BARNES, B.S., University of Denver, 1958
PHILIP ANTHONY CONWAY, A.B., Loras College, 1958
ROGER CURTIS MCKEE, A.B., Iowa State Teachers College, 1955
MICHAEL SCHWARTZ, B.S., 1958
ERNST WALTER STROMSDORFER, A.B., Washington University, 1958
HIROTOSHI TSUCHIDA, A.B., International Christian University, 1957

In Political Science
RONALD BERESFORD BAILEY, B.S., Florida Agricultural and Mechanical University, 1958
GLORIA DONNA BELL, A.B., University of Akron, 1958

In Sociology
KENNETH JAMES DOWNEY, B.S., State University of New York College for Teachers (Buffalo), 1954
WILLIAM ALBERT KESSLER, JR., B.S., 1958

In Speech
RAOUl FENTON JOHNSON, A.B., Austin Peay State College, 1957
ROGER LEON MEERSMAN, A.B., St. Ambrose College, 1952
BEECHAM RAY ROBINSON, A.B., Georgetown College, 1958
JIMMY DALE WALLACE, A.B., University of Arkansas, 1958

In the Teaching of English
GEORGIANNA MARIE GRUBE, B.S., Concordia Teachers College (Illinois), 1958

Degree of Master of Science
In Accountancy
ARLIN GALE HARRIS, B.S., 1953
In Advertising
James William Carey, B.S., University of Rhode Island, 1957

In Aeronautical Engineering
Donald Roger Chenoweth, B.S., 1958
Jerry Lee Lundry, B.S., 1958
Edward Lenord Walsh, B.S., 1958

In Agricultural Economics
Carl Kennedy Clayton, B.S., 1958
Forest Clyde Storm, B.S., 1955
George Duane Von Lanken, B.S., 1953
Bruce Hall Wright, B.S., 1958

In Agricultural Engineering
Clarence Gene Haugh, B.S., Pennsylvania State University, 1958
Delbert Leon Pigg, B.S., 1958
Walter Matthew Roll, B.S., 1958

In Animal Science
Robert Keith Mohrman, B.S., 1958
James Hale Sokolowski, B.S., 1958

In Chemical Engineering
Gary Richard Layton, B.Ch.E., University of Dayton, 1958
George Frederick Scheele, B.S.E., Princeton University, 1957

In City Planning
Olatunde Cole Adekoya, A.B., Roosevelt University, 1957

In Civil Engineering
William Franklin Bunte, B.S., 1957
Robert Louis Dineen, B.S., University of New Mexico, 1957
Charles Gordon Herrington, Jr., B.S., Pennsylvania State University, 1955
William James Nordell, B.S., 1958
Ravinder Kumar Sahgal, B.Tech., Indian Institute of Technology, 1956

In Dairy Science
Shrirang Parshuram Netke, B.S., University of Bombay, 1950

In Education
Ruth Carmen Beukema, A.B., Calvin College, 1957
Jean Schubert Richards, B.S., Illinois State Normal University, 1956

In Electrical Engineering
Edward Eugene Kellum, B.S., 1958

In Food Technology
Cavit Akin, Dipl. Ing., University of Ankara, 1954
Robert Shinnosuke Kittaka, B.S., 1957

In Geology
Donald Orin Rimsnider, B.S., 1958

In Home Economics
Sandra Jean Leith, B.S., Michigan State University, 1958
In Library Science

Mildred Dorothy Donohue, B.S., University of Maryland, 1938; B.S., Columbia University, 1944

Jeanette Hortense Elphick Swickard, A.B., Knox College, 1943

In Marketing

Jerome Bernard Kernan, B.B.A., University of Cincinnati, 1957

Edward Joseph Kristin, B.S., 1958

In Physical Education

Robert Clarence Fletcher, B.S., North Central College, 1956

Ralph Arnold Ginn, B.S., Tarkio College, 1954

In Physics


In Physiology

Joan Louise Martin Arnoldi, B.S., 1956

Hubert Lowell Stone, A.B., Rice Institute, 1958

In Radio and Television

Gerald Patrick O'Flanagan, A.B., University of British Columbia, 1956

In Recreation

John William Churchill, B.S., State University of New York Teachers College (Cortland), 1958

Watson Bauer Hovis, A.B., Willamette University, 1955

In Theoretical and Applied Mechanics

Joseph Ching-Fu Chow, B.S., 1957

In Veterinary Medical Science

Edwin Ivan Pilchard, Jr., D.V.M., Michigan State University, 1947

In Zoology

Charles Robert Jenkins, B.S., Eastern Illinois University, 1952

Mary Jolliffe Robertson, B.Mus.Ed., Cornell University, 1948

Walter Eugene Wilhelm, A.B., Harris Teachers College, 1955

Degree of Master of Music

Alberdena Wall Cedyco, B.Mus., University of Rochester, 1927; A.B., Valdosta State College, 1936; A.M., 1938

Degree of Master of Education

Nelle Orr Mullins, B.S., MacMurray College, 1928

Jack Robert Orr, B.S., Illinois State Normal University, 1956

Willitt Silvester Pierce, B.S., 1956

June Allen Priest, A.B., Murray State College, 1953

Degree of Master of Accounting Science

James Donald Gibbons, B.S., 1958

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Restaurant Management

Donald Frank Gworek
BOARD OF TRUSTEES

[October 21

COLLEGE OF ENGINEERING
Degree of Bachelor of Science
In Aeronautical Engineering
Juris Blukis
Robert Eugene Davis, Honors
In Civil Engineering
Joseph Everette Womble
In Engineering Physics
Charles Gustave Stenberg
In General Engineering
Wilbur Leroy Knutson

COLLEGE OF LIBERAL ARTS AND SCIENCES
Degree of Bachelor of Arts
In Liberal Arts and Sciences
David Frank Browne
Douglas Ray Stutz
Gerald Richard Carlson
Judith Ina Neelyson, Honors in Liberal Arts and Sciences with Distinction in Sociology

Degree of Bachelor of Science
In Liberal Arts and Sciences
Karla Swanson Roffee
Robert Conrad Reiter

COLLEGE OF EDUCATION
Degree of Bachelor of Science
In Education
Jo Ann Markland Busch
Cecily Daanen Molyneaux
Iola Delbridge Haines
Brenda Bilinsky Sumberg, Honors

In Elementary Education
Bernedine Gernon Chamberlain
Bethel Atwell Hinckcliff
Helen Myrka Fligelman
Sylvia Schwartz
Ruth Dann Fuller
Doris Ann Wolff

In the Education of Mentally Handicapped Children
Martha Lou Murray

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION
Degree of Bachelor of Science
In Accountancy
Robert Stanley Seeler
Sheldon Jay Weinstein
Edwin Henry Shapiro
In Management
Robert Lawrence Escutia

COLLEGE OF FINE AND APPLIED ARTS
Degree of Bachelor of Architecture
Robert Eugene Olden
SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) cancellations, declinations, and resignations; (4) leaves of absence; (5) change in sabbatical leave of absence.

**APPOINTMENTS MADE BY THE PRESIDENT**

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Appointment Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIBARA, KACEAKI</td>
<td>Assistant in Food Technology (S), one year from September 1, 1959, $4400, supersedes (9-18-59).</td>
</tr>
<tr>
<td>AKCASU, ALAEDDIN</td>
<td>Research Associate in Pharmacology (Medicine), one year from September 1, 1959, $6400 (9-17-59).</td>
</tr>
<tr>
<td>AFFELDOORN, H. W.</td>
<td>Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, $8000 (10-2-59).</td>
</tr>
<tr>
<td>ARAMBULO, ANGEL</td>
<td>Research Pharmacist in Manufacturing Pharmacy (Pharmacy), 3/4 time, one year from September 1, 1959, $4800 (9-18-59).</td>
</tr>
<tr>
<td>AUBERTIN, M. MARY</td>
<td>Assistant in Horticulture (S), September 10, 1959-August 31, 1960, $4410 a year (9-28-59).</td>
</tr>
<tr>
<td>BAREIS, CHARLES J.</td>
<td>Research Associate in Anthropology, one year from September 1, 1959, $6000 (9-19-59).</td>
</tr>
<tr>
<td>BARR, THOMAS R. B.</td>
<td>Instructor in the State Natural History Survey (Graduate College), 3/4 time, one year from September 1, 1959, $4350, supersedes (9-19-59).</td>
</tr>
<tr>
<td>BARTRAM, HARLAN G.</td>
<td>Visiting Lecturer in Education (University High School), nine months from September 1, 1959, $7500, supersedes (9-12-59).</td>
</tr>
<tr>
<td>BASSETT, IAN M.</td>
<td>Research Associate in Chemistry, ten months from November 1, 1959, $5600 a year (9-12-59).</td>
</tr>
<tr>
<td>BAY, MRS. ANCILLA</td>
<td>Microanalyst in the Department of Chemistry and Chemical Engineering, September 21, 1959-August 31, 1960, $4700 a year (9-28-59).</td>
</tr>
<tr>
<td>BENGTSON, MARGORIE</td>
<td>Assistant Reference Librarian, with rank of Instructor in Library Administration (Chicago Undergraduate Division), one year from September 1, 1959, $5500 (9-17-59).</td>
</tr>
<tr>
<td>BERNSTEIN, MIRIAM-RUTH</td>
<td>Research Assistant in Medicine (Medicine), one year from September 1, 1959, $4800 (9-12-59).</td>
</tr>
<tr>
<td>BLACK, RICHARD D.</td>
<td>Instructor in Agricultural Engineering (S), two months from September 1, 1959, $541.67 a month, supersedes (9-18-59).</td>
</tr>
<tr>
<td>BLAIR, FRANCES M.</td>
<td>Research Associate in Education (University High School), 3/4 time, academic year beginning September 1, 1959, $5000 (9-22-59).</td>
</tr>
<tr>
<td>BLANKFIELD, ALAN</td>
<td>Research Associate in the Coordinated Science Laboratory (C), 3/4 time, twelve months from October 1, 1959, $3275 a year, supersedes (10-2-59).</td>
</tr>
<tr>
<td>BLOHM, ELAINE A.</td>
<td>Research Associate in Anthropology (Graduate College), 3/4 time, and Instructor in Anthropology (College of Liberal Arts and Sciences), 3/4 time, one year from September 1, 1959, $6400 (9-22-59).</td>
</tr>
<tr>
<td>BOERSMA, LARRY</td>
<td>Assistant Professor of Agricultural Engineering (C and S), two years from September 1, 1959, $7800 a year (9-17-59).</td>
</tr>
<tr>
<td>BOYLES, THOMAS E.</td>
<td>Assistant in English, full time, first semester of the academic year, September 16, 1959-January 31, 1960, at the rate of $3600 a year; and ½ time, second semester of the academic year, February 1-June 15, 1960, at the rate of $2400 a year, supersedes (10-2-59).</td>
</tr>
<tr>
<td>BRONSTEIN, L. PAT.</td>
<td>Professor of Pediatrics (Medicine), 3/4 time, one year from September 1, 1959, $7500 a year; and on indefinite tenure from September 1, 1960, without salary (9-10-59).</td>
</tr>
</tbody>
</table>
CARO, MARCUS R., Research Associate in Oral Pathology (Dentistry), 1/10 time, one year from September 1, 1959, $700 (9-17-59).


CHAN, JULIA SHIH-FAN YU, Assistant in Pediatrics (Medicine), one year from September 1, 1959, $4300 (9-12-59).

CHAO, JUNIYA, Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, $6000 (9-19-59).

COLE, LEE M., JR., Instructor in Medicine (Medicine), one year from September 1, 1959, $7300 (9-12-59).

COON, MRS. AGNES J., Assistant in Arbor Suites, five months from September 1, 1959, $800; for the convenience of the University, she will also be furnished board and room, while on duty, valued at $31 a month (9-24-59).

COTTRELL, FRANCES B., Assistant in Education (University High School), nine months from September 16, 1959, $5000 (9-19-59).

CRUZ, JOSE B., JR., Assistant Professor of Electrical Engineering (C), two years from September 1, 1959, to render service during each academic year, $7800 a year (9-28-59).

CARTER, ALICE W., Head Resident in Allen Hall (South), ten months from September 1, 1959, $4000; for the convenience of the University she will also be furnished board and room valued at $375 a year (9-4-59).

DRAKE, JOHN W., Assistant Professor of Microbiology, two years from September 1, 1959, to render service during each academic year, $7700 a year (9-16-59).

DUBois, MRS. MARGARET W., Instructor in Anatomy (Medicine), one year from September 1, 1959, $6500 (9-28-59).

DUNGAN, DANIEL W., Assistant in Agriculture, nine months from September 1, 1959, to render service during each academic year, $372.22; this is in addition to his present appointment (9-19-59).

DUNGAN, DANIEL W., Assistant in English, nine months from September 1, 1959, $3900, supersedes (10-2-59).

DUNGAN, DANIEL W., Assistant in Psychology, one year from September 1, 1959, $3900, supersedes (9-17-59).
ENGELBRECHT, LLOYD C., Fine Arts Librarian, with rank of Instructor in Library Administration (Chicago Undergraduate Division), one year from September 1, 1959, $6000 (9-12-59).

EPPLIK, RICHARD T., Instructor in Civil Engineering on ½ time and in Theoretical and Applied Mechanics on ½ time (C), academic year beginning September 1, 1959, $5600 (9-18-59).

FALLS, HUGH C., Physician in the Health Service (Chicago Professional Colleges), ½ time, one year from September 1, 1959, $2100 (9-21-59).

FARA, HARRY, Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, $8000 (9-18-59).

FIERING, ALVIN, Producer in the Television Station, in the Department of Broadcasting, Television-Motion Pictures (College of Journalism and Communications), ½ time, September 15, 1959-August 31, 1960, $1600 a year; this is in addition to his nonacademic appointment (9-18-59).

FINNEY, JOSEPH C. J., Lecturer in Psychology, with rank of Assistant Professor, one year from September 1, 1959, without salary (9-21-59).

FRANK, JAMES L., Instructor in Applied materia and Therapeutics (Dentistry), nine months from September 1, 1959, $5400 (9-12-59).

FRANZEN, ANNA J., Instructor in Nursing, one year from September 1, 1959, $7350 (9-17-59).

FRANZEN, JAMES, Research Assistant in Biological Chemistry (Medicine), September 16, 1959-August 31, 1960, $4700 a year, supersedes (9-29-59).

FRIEDERICH, ALLAN G., Associate Professor of Mechanical Engineering (C), on indefinite tenure from September 1, 1959, to render service during each academic year, $7200 a year, supersedes (9-21-59).

FRIEND, JAMES, Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1959, $5000, supersedes (9-28-59).

FRIERMOOD, MARGARET J., Resident Assistant in Allen Hall, ten months from August 24, 1959, $1600; for the convenience of the University, she will also be furnished board and room, while on duty, valued at $31 a month, supersedes (9-16-59).

Fu, HELENA SUEK, Instructor in Pharmacy (Pharmacy), academic year beginning September 1, 1959, $4800 (10-2-59).

GABALLAH, SAEED S., Research Associate in Biological Chemistry (Medicine), one year from September 1, 1959, $7400 (9-11-59).

GALINSKY, ALVIN H. M., Instructor in Chemistry (Pharmacy), ½ time, academic year beginning September 1, 1959, $2500 (9-12-59).

GARMAN, PAUL M., Assistant Coordinator of School and University Articulation (Office of Admissions and Records), ½ time, one year from September 1, 1959, $2350; this is in addition to his nonacademic appointment (9-11-59).

GAZDA, GEORGE M., Instructor in Education, academic year beginning September 1, 1959, $6500 (9-12-59).

GEESER, VINCENT F., Instructor in Microbiology (Medicine), one year from September 1, 1959, $7000 (9-11-59).


GLASER, MILTON R., Staff Physician in the Health Center and in McKinley Hospital, November 1, 1959-May 31, 1960, $1000 a month (9-22-59).

GOMBOS, GEORGE, Research Associate in Psychiatry (Medicine), one year from September 1, 1959, $6000 (9-12-59).

GOODMAN, WILLIAM I., Associate Professor of City Planning, in the Department of City Planning and Landscape Architecture, ½ time, one month from July 15, 1959, $310; this is an additional appointment (9-28-59).

GOTHELF, BERNARD, Research Assistant in Psychiatry (Medicine), one year from September 1, 1959, $5600 (9-11-59).

GRAY, WILLIAM, Jr., Lecturer in Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1959, $7000 (9-12-59).

GRINKEL, MRS. ELEANOR E., Head Resident in Evans Hall, ten months from September 1, 1959, $3800; for the convenience of the University, she will also be furnished board and room, while on duty, valued at $31 a month (9-4-59).

GUEVARA, PEDRO A., Jr., Instructor in Full and Removable Partial Dentures (Dentistry), one year from September 1, 1959, $7250 (9-12-59).
GUPTA, OM PRAKASH, Assistant Professor of Applied Materia Medica and Therapeutics (Dentistry), two years from September 1, 1959, $9000 a year (9-11-59).

GUYON, ETIENNE, Research Associate in Physics (C), 1/2 time, one year from September 1, 1959, $3500 (9-12-59).

HAKE, HAROLD W., Associate Professor of Psychology, August 16-31, 1959, $461.11; this is in addition to his present appointment (9-10-59).

HARRIS, NELSON H., Visiting Professor of Education, nine months from September 16, 1959, $9000 (9-2-59).

HELLSTROM, WARD, Assistant in English, nine months from September 16, 1959, $4200, supersedes (10-2-59).

HEPLER, ROGER W., Research Associate in Horticulture (S), one year from September 1, 1959, $6200, supersedes (9-28-59).

HERSCHBACH, KORNELIUS, Research Associate in Physics (C), nine months from December 1, 1959, $7000 a year (9-12-59).

HILL, HAROLD E., Instructor in Radio and Television, 1/4 time, September 1, 1959-February 29, 1960, to render service during the first semester of the academic year, $750 (9-4-59).

HINDELL, MRS. JENNIFER M., Research Assistant in the Illinois Historical Survey (Graduate College), nine months from September 16, 1959, $3600 (9-19-59).

HOCHE, MRS. ALICE M., Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1959, $4400 (9-28-59).

HOFFMAN, JARRETT D., Research Assistant in Agricultural Entomology (S) and in the Illinois Natural History Survey, 1/2 time, nine months from September 1, 1959, $200 a month; and full time, three months from June 1, 1960, $400 a month (9-4-59).

HOLDEN, MRS. MARGARET, Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1959, $9750, supersedes (9-16-59).

HUNT, KENNETH B., Visiting Lecturer in Education (University High School), 1/4 time, nine months from September 16, 1959, $1250 (9-17-59).

HUSEK, TED R., Research Associate in Psychology (College of Liberal Arts and Sciences) and in the Bureau of Educational Research (Graduate College), 1/2 time, academic year beginning September 1, 1959, $4200 (9-30-59).

IHRIG, HARRY K., Jr., Lecturer in Mechanical Engineering (C), 1/2 time, academic year beginning September 1, 1959, $4950, supersedes (9-21-59).

JACOBS, PAUL L., Research Associate in Psychology, academic year beginning September 1, 1959, $5100 (9-19-59).

JAMNICK, DARIO, Research Associate in Physics (C), four months from September 1, 1959, $600 a month (9-11-59).

JENSEN, MATHILDA J., Research Assistant Professor, Psychology Department and Institute for Research on Exceptional Children, academic year beginning September 1, 1959, $6600 (9-24-59).

JENSEN, WILLIAM C., Research Associate in the Institute for Research on Exceptional Children, one year from September 1, 1959, $6000 (9-30-59).

JONES, G. EDWARD, Assistant in English, nine months from September 16, 1959, $4100 (10-2-59).

JONES, MARGARET F., Research Assistant in Medicine (Medicine), September 8, 1959-August 31, 1960, $5260 a year (9-22-59).

KAPPAUF, WILLIAM E., Professor of Psychology, August 16-31, 1959, $1300 a month; this is in addition to his present appointment (9-16-59).

KAZALLA, GUNTHER J., Instructor in Dentistry (Dentistry), 1/2 time, eleven months from October 1, 1959, $3300 a year (10-2-59).

KENNEDY, RICHARD J., Research Assistant in Electrical Engineering (S), one year from September 1, 1959, $5100, supersedes (9-12-59).

KIBLER, VICTOR A., Lecturer in Architecture, academic year beginning September 1, 1959, $6000 (9-11-59).

KLOOS, Louis H., Research Associate in Civil Engineering (S), academic year beginning September 1, 1959, $6000 (9-18-59).

Koch, Anita, Assistant in Nursing, seven months from September 1, 1959, $400 a month, supersedes (9-28-59).

Koch, Mrs. Harriett B., Instructor in Nursing, 3/4 time, academic year beginning September 1, 1959, $3000 (9-17-59).

KORMENDY, Charles G., Assistant in Chemistry (Pharmacy), nine months from September 16, 1959, $3600 (9-12-59).

KOUSSOLOUS, Costas, Research Assistant in Agricultural Entomology (S) and in the Illinois Natural History Survey, 1/2 time, nine months from September 1, 1959, $200 a month; and full time, three months from June 1, 1960, $400 a month (9-4-59).

KUPPERMANN, Aron, Research Assistant Professor of Chemistry, September 1-November 15, 1959, $1800, supersedes (9-16-59).

KYSAR, John E., Instructor in Hygiene in the Health Service (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1959, $1000 (9-12-59).

LANDIS, Martha, Illini Union Browsing Room Librarian, with rank of Instructor, one year from September 1, 1959, $5000, supersedes (9-16-59).

Lange, Charles, Research Assistant in Biological Chemistry (Medicine), one year from September 1, 1959, $5000 (9-11-59).

LENNOX, Edwin S., Associate Professor of Biochemistry, indefinite tenure beginning September 1, 1959, $13,000 a year (8-1-59).

Li, Hsin L., Research Associate in Mechanical Engineering (S), academic year beginning September 1, 1959, $6000 (9-4-59).

Lay, Louis D., Head Resident and Assistant Manager of Men's Residence Halls, one year from September 1, 1959, $4000 (9-10-59).

Lofgren, Lars E., Visiting Research Associate in Electrical Engineering (S), eleven months from October 1, 1959, $8500 a year, supersedes (9-19-59).

Lowe, John A., Research Assistant in Agricultural Entomology (S) and in the Illinois Natural History Survey, 3/4 time for nine months from September 1, 1959, $200 a month, and full time, three months from June 1, 1960, $400 a month (9-4-59).

Lux, Donald G., Associate Professor of Industrial Education, indefinite tenure, to render service during each academic year; Assistant Dean of the College of Education and Counselor on the University Council on Teacher Education, for the academic year, beginning September 1, 1959, $9100 a year, supersedes (9-18-59).

MANN, George C., Visiting Professor of Education, Bureau of Educational Research, academic year beginning September 1, 1959, without salary (9-28-59).

MART, Dorothy J., Assistant in Physical Education for Women (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, $2500 (9-1-59).


Matuga, Joseph, Instructor in Crowns and Fixed Partial Dentures (Dentistry), 1/2 time, one year from September 1, 1959, $3300 (9-12-59).

McDonough, Mrs. Louise G., Bibliographer, with rank of Instructor, in the Library, 1/2 time, nine months from September 1, 1959, $2800 a year (9-12-59).

McFATE, Patricia A., Assistant in English (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, $2100 (9-17-59).

McINTYRE, Lucy M. S., Resident Assistant in Allen Hall, ten months from August 24, 1959, $1600; for the convenience of the University she will also be furnished board and room, while on duty, valued at $31 a month, supersedes (9-16-59).

McQUEEN, William A., Assistant in English, nine months from September 16, 1959, $3000, supersedes (10-2-59).

Medenis, Rute, Instructor in Pediatrics (Medicine), one year from September 1, 1959, $5500 (9-11-59).

Miejszak, Edward T., Instructor in Theoretical and Applied Mechanics on 3/4 time and in Civil Engineering on 3/4 time (C), academic year beginning September 1, 1959, $6300, supersedes (9-21-59).
I060

BOARD OF TRUSTEES

[October 21

MORETTI, ANTONIO, Research Associate in the Radiocarbon Laboratory, one year from September 1, 1959, $5400 (9-10-59).
MORELDE, GEORGE A., Instructor in Architecture, academic year beginning September 1, 1959, $6000 (9-25-59).
MURTHA, JOSEPH P., Research Associate in Civil Engineering (S), 3/4 time, for the academic year beginning September 1, 1959, $3720, supersedes (9-11-59).
MYRICK, VESTA T., Resident Assistant in the Arbor Suites, ten months from August 24, 1959, $1600; for the convenience of the University she will also be furnished an apartment and meals when the dining rooms are open (9-16-59).
NAIR, MOHAN D., Research Associate in Chemistry, October 21, 1959-August 31, 1960, $6500 a year (9-16-59).
Nelson, William R., Jr., Instructor in Horticulture (E), ten months from November 1, 1959, $6000 a year (10-2-59).
NISHIDA, TOSHIRO, Assistant Professor of Food Technology (S), September 16, 1959-August 31, 1960, $7350 a year, supersedes (9-29-59).
NOON, ZENAS B., Research Assistant in Agricultural Entomology (S) and in the Illinois State Natural History Survey, 3/4 time, nine months from September 1, 1959, $200 a month; full time, three months from June 1, 1960, $400 a month (9-4-59).
NORA, JOSEPH R., Instructor in Medicine (Medicine), 1/2 time, two months from September 1, 1959, $792 (9-11-59).
NOSKER, HERBERT D., Assistant Extension Editor with rank of Instructor (E), one year from September 1, 1959, $5800 (9-5-59).
ODERKIRK, LILA J., Instructor in Home Economics (C), academic year beginning September 1, 1959, $3800 (9-12-59).
OHLEN, MERLE M., Professor of Education, August 9-22, 1959, $568; this is in addition to his present appointment (9-19-59).
OTSU, TAKAYUKI, Research Associate in Chemistry, September 8, 1959-August 31, 1960, $6000 a year (9-16-59).
PAGE, DONALD M., Assistant in the Institute of Aviation, nine months from September 16, 1959, $475 a month (9-16-59).
PARROTT, DELORES L., Instructor in Home Economics 4-H Club Work (E), eleven months from October 1, 1959, $6750 a month (9-11-59).
PASK, ANDREW G., Visiting Research Assistant Professor of Electrical Engineering (S), two months from September 1, 1959, $750 a month (9-12-59).
PASKO, MICHAEL, Assistant in English, nine months from September 16, 1959, $4100, supersedes (10-2-59).
PEASLEY, MELVIN L., Assistant in Agronomy (S), one year from September 1, 1959, $3800 (9-4-59).
PICKARD, JESSE R., Assistant Professor of Veterinary Extension (Veterinary Medicine), two years from September 1, 1959, $5500 a year, supersedes (9-12-59).
POTEMPA, SYLVESTER, Instructor in Chemistry (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1959, $2800 (10-2-59).
PULOS, PETER, Clinical Instructor in Medicine (Medicine), 15/100 time, one year from September 1, 1959, $900 (9-11-59).
RACKIN, DONALD, Assistant in English, nine months from September 16, 1959, $3600, supersedes (10-2-59).
RANSFORD, RALPH E., Instructor in Anatomy (Medicine), 1/2 time, nine months from October 1, 1959, to render service during the academic year, $3240 (9-12-59).
RAUSCH, GEORGE J., JR., Research Assistant in History, nine months from September 16, 1959, $3600, supersedes (10-2-59).
REID, ERNEST A., Professor of Electrical Engineering (C), 1/2 time, academic year beginning September 1, 1959, $4500 (10-2-59).
REYNOLDS, HARRY A., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), 3/4 time, September 15, 1959-August 31, 1960, $3530 a year (10-7-59).
RUDDERS, CHARLOTTE K., Assistant in Home Economics (S), one year from September 1, 1959, $4800 (9-4-59).
RICH, CATHERINE L., Research Assistant in Neurology-Neurological Surgery-Epilepsy (Medicine), one year from September 1, 1959, $6072, supersedes (9-28-59).
ROBERTS, ELMER, Professor of Home Economics (C), ⅔ time, September 16, 1959-January 31, 1960, $1125 (9-29-59).

ROBB, EBBOL D., Research Associate in Agricultural Engineering (S), one year from September 1, 1959, $6800, supersedes (9-12-59).

ROFF, STANLEY T., Research Associate in Civil Engineering (C and S), academic year beginning September 1, 1959, $5400 (9-18-59).

ROSENSTEIN, HERBERT R., Instructor in Applied Medicine and Therapeutics (Dentistry), ⅔ time, one year from September 1, 1959, $2700 (9-11-59).

ROSS, MRS. LINNIE C., Coordinator of Arbor Village, ten months from September 1, 1959, $2400; for the convenience of the University she will also be furnished board and room, while on duty, valued at $31 a month, supersedes (9-4-59).

RUCKER, SYLVIA M. B., Research Assistant in Chemistry, one year from September 1, 1959, $4400 (9-11-59).

RUDNICK, ROLAND, Instructor in Crowns and Fixed Partial Dentures (Dentistry), one year from September 1, 1959, $6750, supersedes (9-12-59).

RUDRIK, ELEANORA., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals and Pharmacy), September 9, 1959-August 31, 1960, $6000 a year (9-28-59).

SACHS, HENRIETTA K., Instructor in Pediatrics (Medicine), one year from September 1, 1959, $3500 (9-12-59).

SALKAUSKAS, NITOLE A., Instructor in Applied Medicine and Therapeutics (Dentistry), one year from September 1, 1959, $6600 (9-17-59).

SANDINE, WILLIAM E., Research Associate in Dairy Science (S), one year from September 1, 1959, $6000 (9-17-59).

SARIODU, M. KEMAL, Visiting Assistant Professor of Electrical Engineering (C), nine months from September 16, 1959, $6200, supersedes (9-17-59).

SAVOY, MICHAEL, Instructor in Chemistry (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1959, $2800 (10-2-59).


SCHACHT, SYLVIA, Research Associate in Psychology, ½ time, September 1, 1959-February 20, 1960, $1875 (10-6-59).

SCHACHT, SYLVIA, Research Assistant in Chemistry, one year from September 1, 1959, $5708 (10-3-59).

SCHACHT, SYLVIA, Assistant in Medicine, November 1, 1959, $8600 a year (9-12-59).

SHEPARD, ALAN J., Assistant in Animal Science (S), one year from September 1, 1959, $4800 (9-22-59).

SHEPARD, ALAN J., Assistant in Animal Science (S), one year from September 1, 1959, $5000, supersedes (9-16-59).


SHEPPARD, ALAN J., Assistant in Animal Science (S), one year from September 1, 1959, $4800 (9-22-59).

SIEBER, MORRIS, Assistant in Anthropology, ten months from September 1, 1959, $6600, supersedes (10-2-59).

SIMMONS, NICHOLAS L., Instructor in Operative Dentistry (Dentistry), ½ time, eleven months from October 1, 1959, $3500 a year (9-29-59).

Sisson, Donald R., Instructor in Agricultural Engineering (C), ½ time, September 1, 1959-August 31, 1960, $3000 a year (9-12-59).

SMITH, CECIL D., Assistant Dean of the College of Agriculture for two years, with rank of Professor on indefinite tenure, beginning September 1, 1959, $11,000 a year, supersedes (9-24-59).

SMITH, GARMOND S., Research Associate in Animal Science (S), September 15, 1959-August 31, 1960, $5500 a year (10-12-59).
SMITH, LYNDORA M., Assistant in English (Division of English for Foreign Students), nine months from September 16, 1959, $4400 (10-2-59).
SPAETH, JOE L., Instructor in Social Sciences (Chicago Undergraduate Division), 3/4 time, academic year beginning September 1, 1959, $2200 (10-2-59).
STACHNIAK, JOSEPH J., Instructor in Dentistry (Dentistry), one year from September 1, 1959, $6000 (9-12-59).
STAUBUS, JOHN R., Research Associate in Dairy Science (C and S), one year from September 1, 1959, $6000 (9-18-59).
STEEL, NINA M., Research Associate in Education (University High School), academic year beginning September 1, 1959, $4500 (9-16-59).
STEINER, GAAR W., Assistant in the Institute of Aviation, nine months from September 16, 1959, $475 a month (9-18-59).
STEMMLER, ROSEMARIE, Assistant Professor of Mathematics, academic year beginning September 1, 1959, $6000 (10-2-59).
STEWART, MRS. CONSTANCE L., Head Resident in the Student Residence, September 1, 1959-January 31, 1960, $800; for the convenience of the University she will also be furnished board and room, while on duty, valued at $31 a month (9-22-59).
STREHL, FRANCIS W., Clinical Instructor in Surgery (Medicine), 1/2 time, one year from September 1, 1959, $3000 (9-12-59).
SUCHMAN, J. RICHARD, Assistant Professor of Education, 1/2 time, August 9-31, 1959, $384; this is an additional appointment (9-19-59).
SWAGO, ANDREW W., Associate Professor of Electrical Engineering (C), indefinite tenure from October 1, 1959, to render service during each academic year, $8400 a year, supersedes (9-28-59).
SWALLOW, RONALD J., Research Assistant in the Coordinated Science Laboratory (C), one month from September 1, 1959, $500 (10-2-59).
SWOISKIN, BERNARD L., Clinical Instructor in Orthodontics, without salary, and Orthodontist to Cleft Palate Training Program (Dentistry), 1/2 time, one year from September 1, 1959, $1500, supersedes (9-11-59).
SYMS, WALTER J., Instructor in Crowns and Fixed Partial Dentures (Dentistry), 1/2 time, one year from September 1, 1959, $3500 (9-12-59).
TACCHI, DEREK, Visiting Instructor in Obstetrics and Gynecology (Medicine), five months from September 1, 1959, $2500 (9-11-59).
TAYLOR, DONALD F., Research Assistant in Chemistry, one year from September 1, 1959, $5200 (9-28-59).
TELLING, MRS. FERN H., Assistant Head Resident in the Lincoln Avenue Residence (North), ten months from September 1, 1959, $3800; for the convenience of the University she will also be furnished meals, while on duty, valued at $21 a month, supersedes (9-12-59).
TERRILL, ROBERT E., Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1959, $4000 (10-2-59).
TRIANDIS, ANN L. M., Assistant Professor of Psychology, 1/2 time, academic year beginning September 1, 1959, $2400 (9-16-59).
TUSMAN, JAMES P., Instructor in Marketing, and Student Counselor in the College of Commerce and Business Administration, 1/2 time, academic year beginning September 1, 1959, $3300, supersedes (9-24-59).
UGGERBY, OVE W., Research Associate in Agricultural Engineering (S), one year from September 1, 1959, $7200 (9-12-59).
VANDI, ANTONIO P., Research Associate in Chemistry, seven months from August 16, 1959, $5500 a year, supersedes (9-28-59).
VAUGHAN, H. E., Professor of Mathematics (College of Liberal Arts and Sciences and Graduate College), academic year beginning September 1, 1959, $11,000 and thereafter Professor of Mathematics (College of Liberal Arts and Sciences), indefinite tenure, to render service during each academic year, at an annual rate of $9,000 a year, superseded (9-18-59).

VENEMA, WILLIAM JR., Instructor in Operative Dentistry (Dentistry), 3/4 time, one year from September 1, 1959, $2700 (9-11-59).

VISOTSKY, HAROLD, Clinical Assistant Professor of Psychiatry (Medicine), 3/4 time, two years from September 1, 1959, $2100 a year (9-28-59).

WAHL, NORMAN, Instructor in Crowns and Fixed Partial Dentures (Dentistry), one year from September 1, 1959, $6600 (9-12-59).

WALKER, RICHARD D., Physics Librarian, with rank of Instructor, one year from September 1, 1959, $6750, supersedes (9-12-59).

WEI, CHUAN-TSENG, Research Associate in Mining and Metallurgical Engineering (C), one year from September 1, 1959, $6500, supersedes (9-17-59).

WEST, DAVID W., Research Associate in Chemistry, one year from September 1, 1959, $6000, supersedes (9-16-59).

WESTLUND, CLAY D., Instructor in Electrical Engineering (C), academic year beginning September 1, 1959, $7330, superseded (9-17-59).


WETMORE, LOUIS B., Head of the Department of City Planning and Landscape Architecture and Director of the Bureau of Community Planning, 3/4 time, one month from July 15, 1959, $235; this is an additional appointment (6-28-59).

WIGGERSDON, HARRY L., Instructor in Education, one year from September 1, 1959, $6000 (9-17-59).

WILSON ALLAN M., Cataloger, with rank of Instructor, in the Library, eleven months from October 1, 1959, $5800 a year, superseded (10-2-59).

WOLFE, MARTIN S., Research Associate in Education (University High School), academic year beginning September 1, 1959, $5500, superseded (9-19-59).

WOLTER, JANET M., Clinical Assistant Professor of Preventive Medicine (Medicine), 3/4 time, two years from September 1, 1959, $2000 a year (9-11-59).

WOODS, GEORGE T., Associate Professor of Veterinary Microbiology and Public Health; Associate Professor of Veterinary Research, Department of Veterinary Pathology and Hygiene (College of Veterinary Medicine) and of Veterinary Research (Agricultural Experiment Station), indefinite tenure from September 1, 1959, $6000 a year, superseded (9-21-59).

YAEGER, JAMES A., Assistant Professor of Histology (Dentistry), two years from September 1, 1959, $8500 a year (9-12-59).

YOKOYAMA, KATSUYUKI, Assistant Professor of Pharmacognosy (Department of Pharmacognosy and Pharmacology) (Pharmacy), academic year beginning September 1, 1959, $6500 (9-12-59).

YOUNG, POH-SHIEN, Instructor in Physics (Chicago Undergraduate Division), academic year beginning September 1, 1959, $6000 (10-2-59).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

AMIN, RAJNIKANT BABURHAT, Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1959, $2000 (9-10-59).

BAER, DANIEL, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, $600 (9-8-59).

BIRNBRAUER, JAY S., Center for Handicapped Children Fellow (Trainee) in Psychology (Chicago Professional Colleges), one year from September 1, 1959, $3200 (9-15-59).

BUNKER, WILLIS, IBM Fellow in Statistics (Data Processing), nine months from September 16, 1959, $1800, superseded (9-22-59).

BURKE, DONALD F., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1959, $3200 (9-10-59).

CHURCH, MARTHA J., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1959, $1500 (9-2-59).
COST, JAMES R., Union Carbide Metals Company Fellow in Mining and Metallurgical Engineering, nine months from September 16, 1959, $2100 (9-16-59).

EIDIC, LIA, Rockefeller Fellow in Microbiology, nine months from September 16, 1959, $1500 (10-1-59).

FRIEDES, JOSEPH L., IBM Fellow in Physics, nine months from September 16, 1959, $2500 (9-15-59).

GAUDY, ELIZABETH, Rockefeller Foundation Fellow in Microbiology, nine months from September 16, 1959, $1500 (9-11-59).

GENTRY, DAVID K., United States Public Health Service Fellow (Trainee) in Education, nine months from September 16, 1959, $2000 (9-2-59).

GILBERT, DEWEY, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, $60 a month (9-15-59).

GREEN, AARON, Fellow in Labor and Industrial Relations, September 16, 1959-January 31, 1960, $600 (9-29-59).

HARRYLING, GENE H., Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1959, $2000 (9-8-59).

HAYASHI, MASAKI, Rockefeller Foundation Fellow in Microbiology, nine months from September 16, 1959, $1500 (9-11-59).

HOFMANN, LORENZ M., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges), one year from September 1, 1959, $1800 (9-17-59).

HUNT, J. M., Commonwealth Senior Scientist Postdoctoral Fellow in Psychology, one year from September 1, 1959, $14,000 (9-17-59).

JOHNSON, ELWIN L., Owens-Corning Fiberglas Corporation Fellow in Ceramic Engineering, nine months from September 16, 1959, $1440 (9-22-59).


JONES, EDWIN C., Radio Corporation of America Fellow in Electrical Engineering, nine months from September 16, 1959, $2100 (9-17-59).

KAL, EDMUND, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1959, $60 a month (9-24-59).

KNIGHT, ERNEST, JR., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1959, $2000 (9-29-59).

LASSERS, ELISABETH S., Center for Handicapped Children Fellow (Trainee) (Chicago Professional Colleges), one year from September 1, 1959, $5000 (9-8-59).


MAN, P. CONRAD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), nine months from October 1, 1959, $60 a month (9-24-59).


OLSON, JAMES C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, $600 (9-8-59).

PIECHOWSKI, MICHAEL, Rockefeller Foundation Fellow in Microbiology, nine months from September 16, 1959, $1500 (9-11-59).

PIEPER, WILLIAM J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, $2400 (9-17-59).

POWERS, RICHARD J., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, $600 (9-8-59).

QUERESHI, MOHAMMED Y., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, five months from September 1, 1959, $416.66 a month (9-21-59).

ROGERS, SPAULDING, Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, one year from September 1, 1959, $3000 (9-19-59).
Roseney, Gordon L., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), one year from September 1, 1959, $3546 (9-11-59).
Soloway, Harry, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), ten months from September 1, 1959, $600 (9-8-59).
Steiner, Ivan D., Ford Foundation Faculty Postdoctoral Fellow in Psychology, one year from September 1, 1959, $5778 (9-17-59).
Steinmetz, Donald K., United States Public Health Service Fellow (Trainee) in Geology, nine months from September 16, 1959, $1800, supersedes (9-15-59).
Upper, Christen D., Charles Pfizer Fellow in Chemistry, nine months from September 16, 1959, $1600 (9-29-59).

CANCELLATIONS, DECLINATIONS, AND RESIGNATIONS
Aharoni, Amikam, Research Associate in Electrical Engineering — declination effective September 1, 1959.
Bart, Ronald K., Research Assistant in Ceramic Engineering — resignation effective September 1, 1959.
Becker, Richard C., Assistant Professor of Electrical Engineering — resignation effective September 1, 1959.
Bemis, William P., Associate Professor of Vegetable Crops (Horticulture) — resignation effective September 1, 1959.
Bucknam, Ronald E., California Oil Company Fellow in Civil Engineering — resignation effective September 16, 1959.
Caro, Marcus R., Research Associate in Oral Pathology (Dentistry) — declination effective September 1, 1959.
Cudia, Dennis F., Fellow in Mathematics — resignation effective September 16, 1959.
Danielzadeh, A. B., Research Assistant in Biological Chemistry (Medicine) — declination effective September 1, 1959.
Eichholz, Alexander, Research Assistant in Biological Chemistry (Medicine) — declination effective September 1, 1959.
Fang, Fu, Research Assistant in Electrical Engineering — resignation effective August 1, 1959.
Fischer, John D., Instructor in English — resignation effective September 1, 1959.
Geiger, Mrs. Nina E., Research Assistant in Microbiology — resignation effective September 16, 1959.
Geller, David M., Instructor in Biological Chemistry — resignation effective September 1, 1959.
Grant, Paul B., Jr., Instructor in Economics (Chicago Undergraduate Division) — declination effective September 1, 1959.
Griffiths, John D., Clinical Instructor in Surgery (Medicine) — resignation effective October 1, 1959.
Halko, Arlene A., Assistant Professor of Radiology (Medicine) — resignation effective October 15, 1959.
Harper, Aaron W., Assistant Professor of Education (Bureau of Educational Research) — resignation effective September 16, 1959.
Harrison, William H., Clinical Assistant Professor of Surgery (Medicine) — declination effective September 1, 1959.
Herr, Ferenc, Assistant Professor of Pharmacology (Medicine) — declination effective September 1, 1959.
Jackson, Lovie R., Fellow in French — resignation effective September 16, 1959.
Kalin, Robert D., Fellow in Philosophy — resignation effective September 16, 1959.
MAJDOWSKI, LEONARD, Fellow in Economics — resignation effective September 16, 1959.
MARTINO, FRANK, Fellow in Physics — resignation effective September 16, 1959.
MASON, JAMES M., Executive Officer, Naval Science — declination effective September 1, 1959.
MCDONOUGH, MALCOLM W., Research Assistant in Dairy Science — cancellation effective November 1, 1958.
MEMLIN, JOHN W., Instructor in Theoretical and Applied Mechanics — resignation effective September 1, 1959.
MYERS, JOHN J., Research Assistant Professor in the Coordinated Science Laboratory — resignation effective September 1, 1959.
NEHLS, EDWARD, Associate Professor of English — resignation effective September 1, 1959.
NEWTON, DEAN L., Instructor in Veterinary Research and in Veterinary Physiology and Pharmacology — resignation effective September 25, 1959.
ROBE, JOHN K., Research Associate in the Coordinated Science Laboratory — resignation effective August 31, 1959.
SAPURAGI, TAKETAMI, Assistant Professor of Food Technology — resignation effective September 1, 1959.
SANER, ALBERT E., Assistant Professor of Architecture — resignation effective September 1, 1959.
SCOBEL, HUGO, Lecturer in Mechanical Engineering — declination effective September 1, 1959.
SHERKICK, JOSEPH C., Clinical Assistant Professor of Pathology (Medicine) — resignation effective August 5, 1959.
SIMIES, NICHOLAS L., Instructor in Histology (Dentistry) — resignation effective September 1, 1959.
SMITH, DOUGLAS C., Fellow in City Planning — resignation effective September 16, 1959.
SOMOZA, CESAR, Assistant Professor of Pathology (Medicine) and Assistant Pathologist (Research and Educational Hospitals) — resignation effective September 16, 1959.
SPRANKEL, CHARLENE, Research Assistant in the Coordinated Science Laboratory — resignation effective September 1, 1959.
TIMKO, JEANNINE, Research Assistant in the Coordinated Science Laboratory — declination effective September 1, 1959.
WATTENBURG, CLIVE G., Research Associate in Aeronautical Engineering — resignation effective September 1, 1959.
WOLTER, JANET, Assistant Professor of Medicine (Medicine) — resignation effective September 1, 1959.
XERIKOS, JAMES, Instructor in Aeronautical Engineering — resignation effective September 1, 1959.
YAMANE, GEORGE M., Assistant Professor of Oral Pathology (Chicago Professional Colleges) — resignation effective September 1, 1959.
YAP-CHIONGCO, BASILIO M., Research Assistant in Surgery (Division of Anesthesiology) (Medicine) — resignation effective August 1, 1959.
YARBOROUGH, KEITH A., Instructor in Civil Engineering — resignation effective September 1, 1959.
ZIMMER, JEANNE C., Fellow in English — resignation effective September 16, 1959.

LEAVES OF ABSENCE

FULLER, HARRY J., Professor of Botany — leave of absence, without pay, from September 1, 1959, and continuing for an indefinite period, on account of his health.
HUNT, J. M., Professor of Psychology — leave of absence, without pay, for the academic year 1959-60, so that he may accept a Commonwealth Senior Scientist Postdoctoral Fellowship.
LANCOUR, A. HAROLD, Professor of Library Science and Associate Director of the Graduate School of Library Science — leave of absence, without pay, for one month from November 1, 1959, so that he may undertake the assignment for services for a library advisory mission to Liberia.
PAGE, THOMAS, Assistant Professor of Political Science, in the College of Liberal Arts and Sciences, and Research Assistant Professor in the Institute of Government and Public Affairs — leave of absence, without pay, from July 1 through August 31, 1960, for the purpose of travel abroad.
STONECIPHER, JESSE W., Chief Flight Instructor in the Institute of Aviation — leave of absence beginning June 22 and continuing through September 5, 1960, with pay, except for the month of August, so that he may attend the Officer Rotary Wing Qualification course at Camp Wolters, Texas.
YOLTGENS, ALVIN O., Instructor in the School of Nursing — leave of absence, without pay, for two months from November 1, 1959.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

KAFELSON, MAX E., Associate Professor of Biological Chemistry, in the College of Medicine, sabbatical leave of absence changed from the first semester of 1959-60 to six months beginning February 1, 1960.

ABSENCE OF MR. POGUE AND MR. HUGHES

Mr. Harewood asked the Trustees to take official note that their colleagues, Mr. Harold Pogue and Mr. Earl M. Hughes, were unable to attend today's meeting because of illness and the Secretary was requested to send each of them a message expressing the sympathy of the Trustees and of other University officials.

ASSOCIATION OF GOVERNING BOARDS

Mrs. Watkins reported on the annual meeting of the Association of Governing Boards of State Universities and Allied Institutions at Stillwater, Oklahoma, October 13 to 17, 1959, at which she represented the Board of Trustees.

ENROLLMENT STATISTICS

President Henry presented a report on the enrollment for the fall terms of 1959-60 on all three campuses of the University. A copy of his report was filed with the Secretary of the Board.

JOINT ACTION COMMITTEE OF CIVIC ORGANIZATIONS

Mr. A. Andrew Boemi of Chicago and seven other representatives1 of the Joint Action Committee of Civic Organizations appeared before the Board of Trustees and presented the following resolution, the original signed copy of which was filed with the Secretary of the Board for record:

1 Mr. John Baird, Mr. George Benson, Mr. George Dovenmuehle, Mr. Robert Johnston, Mr. Ferd Kramer, Mrs. Dorothy Rubel, and Mr. Edward P. Saltiel.
Resolution

WHEREAS the various organizations indicated below are concerned with the development of Metropolitan Chicago in the best interest of all of its citizens, and its future potential, in order that it may continue to serve the community and the State of Illinois socially and economically, and

WHEREAS a branch of the University of Illinois is to be constructed in Chicago on a site to be selected by the University Board of Trustees, and

WHEREAS these organizations deem it in the best interest of the students, the community, and its taxpayers to have the University Campus located on the South Loop site, as recommended by the City of Chicago's Central Area Plan, now therefore

Be It Resolved That:

1. The South Loop location is unanimously endorsed as the most desirable site for the new Chicago Campus of the University of Illinois, in view of its availability to the greatest number of students; its access to the total Metropolitan area housing supply; its proximity to cultural, training, and employment facilities; its function in the effectuation of the official city plan; and its contribution to the reclamation of a vast area which is vital to the economic and social welfare of the state.

2. The President of the University of Illinois and the Board of Trustees be advised of this action without delay.

American Institute of Architects
(Chicago Chapter)
WILLIAM J. BACHMAN, President
American Institute of Planners
(Chicago Chapter)
MATTHEW L. ROCKWELL
Association of Community Councils
FRANK G. SULEWSKI, President
Building Managers Association
MURRAY E. RANDALL, President
Central Area Committee
K. V. ZWINTER, President
Chicago Association of Commerce and Industry
PAUL W. GOODRICH
Chicago Mortgage Bankers Association
EDWARD W. ASMUS, President
Chicago Real Estate Board
GEORGE W. KEMP, Jr., President
Citizens Schools Committee
RUSSELL E. BARBOCK, President

Mr. Boemi, as spokesman for the group, made a statement on behalf of the Joint Action Committee of Civic Organizations, a copy of which was also filed with the Secretary of the Board for record. The other representatives present also spoke briefly in support of the resolution.

At the conclusion of this presentation, President Williamson informed the members of the Joint Action Committee that the Board of Trustees would give their resolution and the supporting statements due consideration.

COMMUNICATIONS REGARDING CHICAGO UNDERGRADUATE DIVISION SITE DEVELOPMENT

The Secretary of the Board presented two communications received by him: one from the Secretary of the Chicago Undergraduate Division Senate urging that the Board of Trustees adhere to the timetable which contemplates occupancy of the new campus for the Chicago Undergraduate Division by 1963, and the other from a group of Community Civic Leaders of Northern Illinois and the Chicago Metropolitan Area...
urging the Board of Trustees to choose the Garfield Park site. Copies of these letters were distributed at the meeting and were filed with the Secretary of the Board for record.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
HOUSING REVENUE BONDS OF 1959, SERIES C AND D

The Board of Trustees of the University of Illinois Housing Revenue Bonds, Series C and D, require the signatures of two members of the Board of Trustees in addition to the signatures of the President and Secretary of the Board.

President Williamson designated Mr. Timothy W. Swain and Mrs. Frances B. Watkins, as members of the Finance Committee, to sign these bonds.

EXECUTIVE SESSION

At this point, on motion of Mr. Johnston, an Executive Session was requested and ordered for the consideration of the following items of business:

PURCHASE OF MAXWELL FARM FOR COLLEGE OF AGRICULTURE

The Dean of the College of Agriculture and Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend the acquisition of approximately 120.13 acres of farm land owned by Esther and Grace Maxwell, located on the east side of First Street Road, approximately one-half mile east of the Illinois Central Railroad and 1½ miles south of St. Mary's Road at a price of $1,000 an acre. This land is diagonally southwest of the farm property acquired by the University from the Grein estate in 1956.

In lieu of cash, the sellers may request the University to purchase a farm in Ogden Township, which they wish to acquire and to exchange this property for the property which they own. The University would pay to Esther and Grace Maxwell the difference between the price paid for the farm in Ogden Township and the price at which the Maxwell farm is offered to the University.

Since capital funds for land acquisitions have not been released, it will be necessary to finance this purchase through the University of Illinois Foundation. The Vice-President and Comptroller recommends that the Foundation Board be requested to borrow approximately $130,000 from the First National Bank of Chicago, purchase the property, and lease it to the University at a rental sufficient to pay the debt service. When the capital appropriations are released, the University will purchase the property from the Foundation, which in turn will pay off the loan.

The Maxwell farm is subject to easements with the Panhandle Pipeline Company and the Illinois Power Company and to a lease with the tenant expiring February 28, 1961.

The contract of purchase between the Foundation and Esther and Grace Maxwell shall include the terms set forth above and other details included in a letter dated October 7, 1959, from the Physical Plant Department to George I. Maxwell, agent for Esther and Grace Maxwell, and a letter of correction dated October 19, 1959, copies of which are filed with the Secretary of the Board for record.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary agreements with the University of Illinois Foundation, subject to approval by the Legal Counsel, and that $16,000 be advanced from Indirect Costs funds to the Foundation to cover the down payment and interest.

On motion of Mr. Johnston, the foregoing recommendations were approved, and the assignment of funds was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.
REPORT OF UNIVERSITY PATENT COMMITTEE

The University Patent Committee has received a report from Dr. George H. Scherr, Assistant Professor of Microbiology in the College of Medicine, of his studies on synergists for antimicrobial agents which may result in a potentially patentable invention. This may be described as an agent or material which serves to enhance the activity of antibiotics while itself being antimicrobial in nature. The University Patent Committee has studied this invention and is of the opinion that it may have commercial value.

It was referred to the University of Illinois Foundation for study, and patent counsel of the Foundation advised that to protect the interests of the University and the inventor a patent application should be filed prior to October 15, 1959. The inventor has expressed a desire that the application be made in the name of the Board of Trustees of the University of Illinois rather than in the name of the University of Illinois Foundation.

The Patent Committee has authorized the filing of a patent application, with title to any patent which issues to be with the Board of Trustees. Confirmation of the action of the Patent Committee authorizing the filing of this application is requested.

On motion of Mr. Harewood, the action of the University Patent Committee was confirmed.

RECESS

On motion of Mr. Clement, the Board recessed subject to call by order of the President if another meeting is deemed necessary prior to the regular meeting scheduled for November.

A. J. Janata
Secretary

Kenney E. Williamson
President
MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 18, 1959

The November meeting of the Board of Trustees of the University of Illinois was held in the offices of the Executive Dean of the Chicago Undergraduate Division at Navy Pier, Chicago, Illinois, on Wednesday, November 18, 1959, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Wayne A. Johnston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, and Mr. Kenney E. Williamson. Mr. Earl M. Hughes, Mr. Harold Pogue, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Dean Lyle H. Lanier of the College of Liberal Arts and Sciences, Dean Emily C. Cardew of the College of Nursing; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENT OF ASSISTANT DIRECTOR OF EXTENSION SERVICE IN AGRICULTURE AND HOME ECONOMICS

(1) The Dean of the College of Agriculture and the Director of the Extension Service in Agriculture and Home Economics recommends the appointment of Miss Martha L. Dunlap, presently on the staff of Montana State College, as Professor of Home Economics Extension and Assistant Director of the Extension Service in Agriculture and Home Economics beginning February 1, 1960, and continuing through August 31, 1961, at an annual salary of $11,500 on "BY" basis.

This appointment is to fill the vacancy created by the retirement of Professor Lulu S. Black. All recommending officers concur.

I recommend approval.

On motion of Mr. Herrick, this appointment was approved.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. CHARLES L. BELL, Assistant Professor of Chemistry, in the College of Pharmacy, beginning October 1, 1959, at an annual salary of $6,800 (D).
2. IRENAEUS BURCH, Counselor in the Student Counseling Service, and Assistant Professor of Psychology, Chicago Undergraduate Division, beginning February 1, 1960, at an annual salary of $8,400 (BY).
3. HANS-JURG GERBER, Research Assistant Professor of Physics, beginning November 16, 1959, at an annual salary of $7,500 (DY).
4. JOSEPH GOLDBERG, Assistant Professor of Aeronautical Engineering, beginning February 1, 1960, at an annual salary of $8,500 (D).
5. GILES B. ROBERTSON, Reference Librarian and Assistant Professor of Library Administration, Chicago Undergraduate Division, beginning November 1, 1959, at an annual salary of $7,400 (BY).
6. DEMITRI B. SHIMKIN, Visiting Professor of Anthropology, for the second semester of 1959-60, at a salary of $7,000 (G).
7. GERALD A. WILLIAMS, Clinical Assistant Professor of Medicine, beginning September 1, 1959, without salary (DY).

On motion of Mr. Swain, these appointments were confirmed.

ADMISSION TO THE COLLEGE OF NURSING

(3) The Chicago Professional Colleges Senate has recommended that the present Continuation Program in Nursing, established several years ago to provide a curriculum for graduates of hospital schools of nursing leading to the degree of Bachelor of Science, be discontinued as a curriculum and that in lieu thereof graduates of noncollegiate diploma schools of nursing be admitted to the College of Nursing with advanced standing. The amount of credit toward advanced standing and the requirements for completion of the degree in each individual case will be based upon an evaluation of the work done in the school of nursing previously attended, validated by a standardized examination and/or advanced courses in sequence.

Graduates of hospital schools of nursing will continue to be admitted to the College of Nursing as heretofor except that some students will be given more advanced standing than others, depending on their previous training.

The requirements for validation for credit by standardized examination will be increased from the present allowance of one and one-half standard deviations below the mean to a requirement of a rank in the examination at or above the fiftieth percentile.

The Senate Coordinating Council has indicated no other Senate jurisdiction is involved.

I concur.
President Henry presented Miss Emily C. Cardew, Dean of the College of Nursing, who addressed the Board on the educational programs and objectives of hospital and collegiate schools of nursing. She also discussed the University program now being recommended.

On motion of Mrs. Watkins, the recommendation was approved.

CHANGES IN FOREIGN LANGUAGE REQUIREMENTS FOR ADMISSION TO UNDERGRADUATE COLLEGES

(4) Two units of foreign language, representing two years of study in high school, are required for admission to the College of Liberal Arts and Sciences and to some of the curricula (in art and in music) in the College of Fine and Applied Arts. On April 25, 1940, the Board of Trustees approved a recommendation from the University Senate that applicants who rank in the upper one-half of their graduating classes in high school may be admitted without the required two years of foreign language study.

The Urbana Senate has recommended, the Chicago Undergraduate Division Senate concurring therein, that this action be rescinded; provided that the requirement of two years of foreign language may be waived, upon approval of the dean of the college concerned, in the cases of those students whose high schools do not offer foreign languages. It is further recommended that this change become effective as of September, 1964. The foreign language requirement for admission to any curriculum is fulfilled by two units of any foreign language in which the University offers instruction. Currently, instruction is offered in the following languages: French, German, Greek, Italian, Latin, Portuguese, Russian, and Spanish. Less than one unit in a language is not acceptable.

The Senate Coordinating Council has indicated that no further Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Herrick, this recommendation was approved.

GRADUATE PROGRAM IN RUSSIAN

(5) The Urbana Senate recommends authorization of a graduate program in Russian leading to the degree of Master of Arts. For admission to this program, a student must have a scholastic average of at least 3.75 in the last sixty semester hours of undergraduate work completed and adequate training in the Russian language and literature as determined by the Department of Russian; provided that a student who has less than the equivalent of an undergraduate major in Russian may make up deficiencies while registered as a graduate student.

Eight units of graduate work, consisting of six units of Russian with a minor of two units in related literature in some field of Russian area studies, approved by the departmental graduate adviser will be required for the degree. A thesis will not be required.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I concur.

President Henry presented Dean Lyle H. Lanier of the College of Liberal Arts and Sciences who addressed the Board briefly on area programs which are being developed at the University, including a proposed program in Russian studies.

On motion of Mr. Clement, this recommendation was approved.

JET FUEL DISPENSING SYSTEM FOR AIRPORT

(6) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend that equipment be installed at the Airport for dispensing jet fuel. This will consist of two underground storage tanks with necessary filter, pumps, meter, piping, etc., and a dual tank refueling truck. Jet fuel will be needed by Ozark Airlines in the near future, and it will be advantageous for the University to install the equipment rather than for Ozark to do so. The
handling charge for fuel will permit recovery of the costs, estimated at not more than $40,000, within five to ten years.

Funds in the airplane replacement reserve can be used to finance the cost of these improvements, which will be installed by University personnel. Recommendations for equipment purchases will be submitted to the Board of Trustees in the usual manner.

I concur.

On motion of Mr. Swain, this recommendation was approved. Mr. Johnston voted no.

FIRST AMENDATORY RESOLUTION TO RESOLUTION AUTHORIZING MEN'S RESIDENCE HALLS REVENUE BONDS OF 1957

(7) The Vice-President and Comptroller recommends, and I concur, that the following resolution be adopted:


WHEREAS, The Board of Trustees of the University of Illinois on March 12, 1957, did duly adopt a resolution authorizing the issue of Men's Residence Halls Revenue Bonds of 1957, of The Board of Trustees of the University of Illinois in the principal amount of $6,750,000.00 for the purpose of providing funds necessary to construct, complete, and equip additional units of the Men's Residence Halls in the City of Champaign, Illinois, fixing the date, maturities, form, and other details of said Bonds, and making covenants and provisions for the payment of said Bonds and the interest thereon, which resolution is herein-called "Original Resolution"; and

WHEREAS, The Board of Trustees of the University of Illinois, subject to the concurrence of the holders of at least sixty-five (65) per cent of the bonds outstanding, now desires to amend said Original Resolution to provide for more complete investment of the funds in the Bond and Interest Sinking Fund created under said Original Resolution:

Now, Therefore, Be It and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, as follows:

SECTION 1. That said Original Resolution be amended by adding the following sentence at the end of and to Sub-Section (b) of Section 6 of said Original Resolution:

Funds of the Bond and Interest Sinking Fund Account held for payments of principal and interest required during the next succeeding twelve (12) months (excluding funds held for the payment of principal and accrued interest thereon of Bonds which have matured and excluding funds held for the payment of principal and accrued interest thereon and redemption premiums, if any, on Bonds called for redemption but unpaid) may be invested by the Depositary from time to time by written orders of the Comptroller in United States Government securities maturing in such manner that at all times sufficient securities will mature not later than ten (10) days prior to each of the next two succeeding interest payment dates to meet the interest and principal payments becoming due on each of said dates.

SECTION 2. This resolution and the amendment herein authorized to said Original Resolution shall become effective upon the date the consent of the holders of sixty-five (65) per cent of the outstanding bonds is received in accordance with the provisions of Section 12 of said Original Resolution.

In all respects not inconsistent with this first amendatory resolution, the Original Resolution is hereby ratified, approved, and confirmed.

On motion of Mr. Johnston, the foregoing recommendation was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.
HOUSING CONSTRUCTION PROGRAM

(8) A preliminary application has been filed with the Housing and Home Finance Agency for a loan of $2,150,000 to finance one-half of the cost of an addition to the Graduate Student Residence Hall to house 234 students, and for 250 apartment units for married students, to be located adjacent to the Race Street-Florida Avenue Staff Housing.

The Director of the Physical Plant and Vice-President and Comptroller recommend that:

If federal funds are available, a complete application may be submitted to the Housing and Home Finance Agency;

The firm of Chapman and Cutler of Chicago be employed as counsel for the bond issue;

Bids for the construction of the projects and for the sale of the bonds be taken at the time or times deemed most appropriate by the Vice-President and Comptroller;

The Comptroller and the Secretary of the Board be authorized to execute a loan agreement with the Housing and Home Finance Agency; and

All other necessary steps in connection with the bond issue and sale of the bonds be authorized.

I concur.

On motion of Mrs. Watkins, this recommendation was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

CONTRACT FOR SWINE RESEARCH PROJECTS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $4,146 to Tom Hewerdine and Son, Dewey, Illinois, the lowest bidder, for the construction of manure and waste disposal ponds for the swine research buildings to be constructed on the University farms. These are the projects for which the Moorman Manufacturing Company of Quincy has made a grant of $200,000 to the University.

Bids were also taken on the construction of two of the swine breeding research buildings for this project. These bids, ranging from a low of $20,800 to a high of $23,260.25, are in excess of estimates and it is recommended that they be rejected. Plans for these buildings will be revised.

I concur in these recommendations.

On motion of Mr. Herrick, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Pogue, Mr. Stratton.

ADDITIONS TO CONTRACT FOR CONSTRUCTION OF GRADUATE STUDENT RESIDENCE HALL

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase in the contract with Felmley-Dickerson Company for construction of the Graduate Student Residence Hall: $15,985.05 for revisions in the stair well and $2,798.68 for revisions in the telephone wiring system.

The changes in the stair well will eliminate costly reconstruction when an addition to this building is constructed. Complete plans for the telephone system were not included in the original specifications as it had not been decided whether a switchboard arrangement with phones in each room would be provided or whether each resident would make his own arrangements for telephone service with the telephone company.

Funds are available.

I concur and recommend that the Comptroller be authorized to execute the contract changes.

On motion of Mr. Johnston, this recommendation was approved.
PURCHASES

Purchases Authorized

(II) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 four-door sedans</td>
<td>Physical Plant</td>
<td>Courtesy Motor Sales</td>
<td>$9,402.75</td>
</tr>
<tr>
<td>Three four-door, nine-passenger station wagons</td>
<td></td>
<td>(Ford), Chicago</td>
<td></td>
</tr>
<tr>
<td>One pickup truck, cab and chassis only</td>
<td>Robert Allerton Park</td>
<td>One station wagon</td>
<td>1,981.05</td>
</tr>
<tr>
<td>Two pickup trucks, complete with body</td>
<td></td>
<td>One pickup cab and chassis</td>
<td>1,509.16</td>
</tr>
<tr>
<td>One dump truck</td>
<td></td>
<td>One pickup truck</td>
<td>1,292.78</td>
</tr>
<tr>
<td>Less allowance for 20 four-door sedans, three station wagons, two pickup trucks, and one dump truck in the present fleet</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One bridge crane system to be furnished and erected with hoist capacity of three tons</td>
<td>Engineering Administration</td>
<td>Whiting Corp., Harvey</td>
<td>7,982.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f.o.b. delivered</td>
</tr>
</tbody>
</table>

On motion of Mr. Clement, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
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<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One electromagnetic blood flow meter with three probes</td>
<td>Anatomy</td>
<td>Quality Electric Co., Los Angeles, Calif.</td>
<td>$3,880.00 f.o.b.</td>
</tr>
<tr>
<td>One wired stack of 64 core planes, each plane including switch assembly</td>
<td>Digital Computer Laboratory</td>
<td>Telemeter Magnetics, Inc., Culver City, Calif.</td>
<td>$33,000.00 f.o.b.</td>
</tr>
<tr>
<td>7,500 copies of seven sections of Atlas of Illinois Resources</td>
<td>Geography</td>
<td>R. R. Donnelley &amp; Sons Co., Chicago</td>
<td>$55,370.00 f.o.b.</td>
</tr>
<tr>
<td>Eight polarizing microscopes, with achromatic objectives, analyzer and Bertrand lens, quartz wedges and cases</td>
<td>Geology</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>$4,704.64 f.o.b.</td>
</tr>
<tr>
<td>20,000 tetracycline V capsules 250 mg.</td>
<td>Hospital Pharmacy</td>
<td>Charles Pfizer &amp; Co., Throop</td>
<td>$3,750.00 delivered</td>
</tr>
<tr>
<td>6663-T5 aluminum bars</td>
<td>Mechanical Engineering</td>
<td>Reynolds Metal Co., Richmond, Va.</td>
<td>$3,560.40 f.o.b. delivered</td>
</tr>
<tr>
<td>One spectrophotometer, recording, double monochromator type, with fluorescence and extra scale slide wire assemblies; with power supply for 115 volt, 60 cycle; light sources, photoreceivers, recorder, and accessories</td>
<td>Microbiology</td>
<td>Applied Physics Corp., Monrovia, Calif.</td>
<td>$17,450.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Two centrifuge, laboratory, refrigerated, superspeed each with two rotors (standard and 250 ml. size), 115 volt, 60 cycle</td>
<td>Microbiology</td>
<td>Ivan Sorvall, Inc., Norwalk, Conn.</td>
<td>$5,610.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>
Item | Department | Vendor | Cost
--- | --- | --- | ---
One automatic radiation counting system with autochanger (35 samples), timer, shield, binary scaler, delay valve | Microbiology | Nuclear-Chicago Corp., Chicago | $5,768.01 f.o.b. delivered
One chromatogram scanner (roll) with detector, count-rate meter, shield, recorder, and automatic valve | Microbiology | Spino Division, Beckman Instruments, Inc., Palo Alto, Calif. | $7,258.00 f.o.b. delivered
One ultracentrifuge, preparation type, with three rotors | Neurology and Neurosurgery | W. H. Kessel & Co., Chicago | $3,511.13 f.o.b. delivered
One photomicroscope and accessories | Physics | Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago | $1,227.40 f.o.b. delivered and installed
One Hewlett-Packard 524C frequency counter | Physics | W. H. Kessel & Co., Chicago | $1,227.40 f.o.b. delivered
One 526A video amplifier | Physics | Crystal Optics, Chicago | $3,910.00 f.o.b. delivered
One 526B time interval unit | Physics | Crystal Optics, Chicago | $3,910.00 f.o.b. delivered
One photomicrographic assembly with variable camera length, universal illuminator, and optical accessories | Physics | Crystal Optics, Chicago | $3,910.00 f.o.b. delivered
One unicum model S.70 high-temperature powder camera for X-ray analysis up to 1000°C with S.73 temperature indicator, S.74 microscope, S.72 cable, S.76 spare furnace, and spare rubber rings, cellophane window, and specimen holder | University Press | Cuneo Press, Inc., Chicago | $4,892.65 f.o.b. delivered
Six condensing lenses, plano convex, custom made, 4 in. diameter, 6 in. focal length | Office Supply Stores | J. W. Butler Paper Co., Chicago | $4,910.29 f.o.b. delivered
Two quarter-wave plates, crystalline quartz, 228.8 Mu and 326.1 Mu | Physical Plant | Jos. Weil & Sons, Chicago | $4,626.00 delivered
27,000 copies of the Time Table for second semester of 1959-1960 to be printed and bound | Physical Plant | L. B. Herbst Corp., Chicago | $3,330.00 f.o.b. Urbana
2,500 reams 8 1/2 x 11 20 lb. No. 4 sulphite white mimeograph paper | Physical Plant | L. B. Herbst Corp., Chicago | $4,640.00 delivered
342 reams white No. 4 sulphite mimeograph bond in various sizes and weights | Physical Plant | L. B. Herbst Corp., Chicago | $4,640.00 delivered
36,000 special Kraft garbage bags, square duplex, size 14 3/4 x 14 3/4 x 44 in. with double liner | Physical Plant | L. B. Herbst Corp., Chicago | $4,640.00 delivered
1,000 wooden folding chairs for use at public functions | Housing Division, Professional Colleges | O. W. Shannon, Quincy, representing the First National Insurance Co. of America | $2,950.00 Liberty Mutual Insurance Co., Chicago (10,006.50)
Fire, extended coverage, vandalism, and malicious mischief insurance subject to 80 per cent co-insurance effective December 1, 1959, for five years in the amount of $4,200,000 covering the Second Unit of the Dentistry-Medicine-Pharmacy Building, 808 South Wood Street, Chicago | Housing Division, Professional Colleges | O. W. Shannon, Quincy, representing the First National Insurance Co. of America | $2,950.00 Liberty Mutual Insurance Co., Chicago (10,006.50)

On motion of Mr. Clement, these purchases were authorized.
<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Army DA-49-193-MD-2047</td>
<td>Antiradiation drugs</td>
<td>$31 000 00</td>
<td>August 15, 1959</td>
</tr>
<tr>
<td>United States Army DA-49-193-MD-2060</td>
<td>Interpersonal and psychological adjustment of group members</td>
<td>$20 000 00</td>
<td>September 1, 1959</td>
</tr>
<tr>
<td>United States Navy N 600(22)52066</td>
<td>Educational instruction</td>
<td>$38 000 00</td>
<td>September 28, 1959</td>
</tr>
<tr>
<td>Smithsonian Institution National Collection of Fine Arts</td>
<td>Exhibition of six Japanese painters at Navy Pier October 4-25, 1959</td>
<td>$3 000 00</td>
<td>July 23, 1959</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Deere Plow Co.</td>
<td>Rental of farm machinery, nine items: $500.38 to $503.75</td>
<td>$1 892 14</td>
<td>September and October, 1959</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>Rental of farm machinery, eight items: $51.74 to $450.15</td>
<td>$2 215 72</td>
<td>October 8, 1959</td>
</tr>
<tr>
<td>Superior Separator Co.</td>
<td>Lease of one No. 378K four-row corn topper</td>
<td>46.45 annually</td>
<td>September 28, 1959</td>
</tr>
<tr>
<td>Wood Brothers Manufacturing Co.</td>
<td>Lease of one model No. 80 Wood’s rotary mower with 15 in. wheels</td>
<td>54.40 annually</td>
<td>October 7, 1959</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exercycle Corp.</td>
<td>Effects of various amounts and intensities of Exercycle riding on human subjects in terms of physical fitness</td>
<td>$2 500 00</td>
<td>June 30, 1959</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare Project No. 1707</td>
<td>Tissue culture of neurons</td>
<td>$39 974 00</td>
<td>July 14, 1959</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare Project No. 1723</td>
<td>Psychosomatic differentiation in infancy</td>
<td>$20 398 00</td>
<td>July 15, 1959</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare Project No. 1733</td>
<td>Supervision of graduate nurses in psychiatric nursing in mental hospitals</td>
<td>$4 231 00</td>
<td>July 14, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 41(657)-130</td>
<td>Cardiovascular effects of refeeding stress following starvation</td>
<td>$13 446 00</td>
<td>August 1, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-543</td>
<td>Spaces admitting significant fixed-point indices</td>
<td>$5 750 00</td>
<td>September 15, 1959</td>
</tr>
<tr>
<td>United States Army DA-11-022-ORD-1775</td>
<td>Alloys of the transition elements</td>
<td>$20 130 00</td>
<td>October 1, 1959</td>
</tr>
<tr>
<td>United States Army DA-49-007-MD-544</td>
<td>Nutritive value of major nutrients of irradiated food</td>
<td>$28 300 00</td>
<td>September 28, 1959</td>
</tr>
<tr>
<td>United States Army DA-49-007-MD-577</td>
<td>Context effects in psychophysical judgments</td>
<td>$3 000 00</td>
<td>October 14, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-67</td>
<td>Mechanism of substitutional diffusion in metals</td>
<td>$53 263 00</td>
<td>October 1, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-276</td>
<td>Properties and behavior of aerosol particles and systems</td>
<td>$10 000 00</td>
<td>September 23, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-374</td>
<td>Boron-containing dyes in vivo experiments on mice with glioblastoma tumors</td>
<td>$12 400 00</td>
<td>September 29, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-916</td>
<td>Radiation chemistry and chemical kinetics</td>
<td>$22 000 00</td>
<td>October 15, 1959</td>
</tr>
<tr>
<td>United States Navy NONR-1430(65)</td>
<td>Metabolism of hibernation</td>
<td>$8 286 00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>United States Navy NONR-1517(63)</td>
<td>Radio frequency spectroscopy</td>
<td>$2 000 00</td>
<td>September 3, 1959</td>
</tr>
<tr>
<td>United States Navy NONR-1834(22)</td>
<td>Construction of a radio telescope</td>
<td>$22 590 00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>United States Navy Nobs-61790(1716)</td>
<td>Propagation of fractures in metals</td>
<td>$20 000 00</td>
<td>August 27, 1959</td>
</tr>
</tbody>
</table>
VioBin Corp.  
Purpose: Nutritive evaluation of defatted fishmeal for swine  
Amount to be Paid to the University: $1,500.00  
Effective Date: September 1, 1959

Hiram Walker & Sons, Inc.  
Purpose: Nutritional properties of dried distillers' solubles in swine nutrition  
Amount to be Paid to the University: $720.00  
Effective Date: September 1, 1959

Wyandotte Chemicals Corp., Air Force Subcontract  
Purpose: Synthesis of liquids  
Amount to be Paid to the University: $5,000.00  
Effective Date: October 5, 1959

Adjustments Made in 1959-60 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harry F. Fisher (Plastering)</td>
<td>Forty-one items: $1,223.30 deduct $854.55</td>
<td>September and October, 1959</td>
<td></td>
</tr>
</tbody>
</table>

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

The Comptroller presents his quarterly report to the Board as of September 30, 1959.

This report was received for record and a copy has been filed with the Secretary of the Board.

SALE OF FARM LANDS IN LA SALLE COUNTY

The University owns 640 acres of farm lands in La Salle County, received in 1955 as a gift from Miss Laura M. Weber of LaGrange Park, Illinois, for the benefit of the College of Agriculture. The farms are designated as Weber Farms No. 1 and No. 2, totaling 400 acres in Hope Township; Weber Farm No. 3, 80 acres in Richland Township about six miles from Farm No. 1; and Weber Farm No. 4, 160 acres in Waltham Township.

In July, 1959, the Board of Trustees authorized the purchase at public auction of an 80-acre tract adjoining Weber Farm No. 1 and at the same time authorized the sale of Weber Farm No. 3 in order to consolidate the University's holdings. The 80 acres were purchased and this action was confirmed by the Board on September 16, 1959.

Pursuant to advertisements and other public notices, sealed bids were received on November 16 on Weber Farm No. 3, described as follows:

The North Half (N 1/2) of the Northwest Quarter (NW 1/4) of Section Eight (8), Township Thirty-One (31) North, Range Two (2) East of the Third Principal Meridian, containing Eighty Acres, more or less, situated in the Township of Richland in the County of La Salle and State of Illinois.

Buildings: House, machine shed, corncrib, storage building.

Mr. Everett Miller of Lostant, Illinois, submitted the highest bid of $42,960, which is an acceptable price. Accordingly, the Dean of the College of Agriculture and the Vice-President and Comptroller recommend the sale of Weber Farm No. 3 to Mr. Miller at the price indicated.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents.

Mr. Herrick, for the Committee on Agriculture, reported that the Committee has considered this recommendation and is prepared to support the same. He then offered the following resolution and moved its adoption.

Resolution

WHEREAS, Everett S. Miller and Frances E. Miller, his wife, of Lostant, Illinois, hereinafter termed “Purchaser” have offered to purchase the hereinafter described property, upon the terms and conditions hereinafter set forth;

Now, Therefore, Be It and It Hereby Is Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, in the name, and in behalf of, this Corporation to enter into an agreement with Purchaser providing for the
sale and conveyance to Purchaser of the hereinafter described property upon
the following terms and conditions:

(A) At a sale price of $42,960 with customary adjustments to be made therein
for abstracting and closing costs;

(B) This Corporation to furnish Purchaser a merchantable abstract of title and
pay for the required Federal Documentary Tax Stamps;

(C) Possession to be delivered to Purchaser at the time final payment is made
which shall be not later than February 1, 1960, but subject to the current
lease with the tenant now in possession which expires February 1, 1960;

(D) Ten per cent (10%) of the purchase price shall be paid by the Purchaser
at the time the Contract of Sale is executed and the balance of the pur-
chase price to be paid at the time of delivery of the deed and possession;

(E) The Title to be conveyed to be subject to special assessments, building
restrictions, and easements of record;

(F) Such other terms and conditions as said Comptroller and Secretary may
doom necessary or desirable.

It Hereby Is Further Resolved that upon compliance with the terms of said
agreement by Purchaser, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed, to exe-
cute, acknowledge, and deliver, in the name and in behalf of, this Corporation,
and under its Corporate Seal, a Warranty Deed and such other documents in
connection therewith as said Comptroller and Secretary may deem necessary or
desirable in order to convey to Purchaser title to the following described
property, viz.:

The North Half (N 1/2) of the Northwest Quarter (NW 1/4) of Sec-
tion Eight (8), Township Thirty-One (31) North, Range Two (2) East
of the Third Principal Meridian, containing Eighty Acres, more or less,
situated in the Township of Richland in the County of La Salle and
State of Illinois.

This resolution was adopted by the following vote: Aye, Mr.
Clement, Mr. Harewood, Mr. Herrick, Mr. Johnston, Mr. Swain, Mrs.
Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Hughes,
Mr. Pogue, Mr. Stratton.

At this point Mrs. Watkins offered the following:

A TRIBUTE TO RAYMOND ELIOT

Inasmuch as the Illinois-Northwestern game of November 21, 1959, will mark
the end of an eighteen-year career as head football coach for Ray Eliot at the
University of Illinois, it is appropriate that the Board of Trustees take public
note of the services which he has given as coach, teacher, alumnus, and public-
spirited citizen.

Ray Eliot is an example of what a young man can achieve if he has the
vision and the will. While supporting himself and winning varsity letters in
football and basketball at Illinois, he earned in 1932 the degree which he coveted,
and subsequently a master's degree at Columbia University.

In 1937 he was recalled to Illinois to join the staff of his former coach, the
late Robert C. Zuppke. He became head coach in 1942.

In the succeeding years he gained a national stature which has brought
acclaim to him and to his University.

His teams won Western Conference championships in 1946, 1951, and 1953,
and won with distinction Rose Bowl games in 1947 and 1952. He is the only
coach in the Conference to qualify three teams for Rose Bowl competition.

He was selected as a coach of the East-West and North-South post-season
games twice, and of the Blue-Gray game four times. He has been on football
clinic programs all over the nation, and has served his country as director of
football clinics in Japan and twice in Europe at the request of the Armed
Services.

He has been a trustee and president of the American Football Coaches
Association; a member of the N.C.A.A. Football Rules Committee and a mem-
ber of the committee which drew up the Association's Code of Ethics; Illinois
State Chairman of the National Football Hall of Fame and a charter member of
the Hall of Fame and Foundation; a board member of the American Association of Health, Physical Education, and Recreation; and an honorary member of the Illinois High School Coaches Association for twenty-two years. He has been a valued member of the University academic faculty since 1937, and is currently Associate Professor of Physical Education.

Throughout his career he has been in demand as a public speaker for school, civic, and other organization programs all over the country.

As a public-spirited citizen he was Champaign County Chairman of the Cerebral Palsy Association for three years, and was State Chairman of the Heart Fund Campaign in 1959.

Although professional football teams and several universities have sought him, with attractive inducements, he has shown his devotion to Illinois by steadfastly refusing to leave.

Fifteen of his former players are now engaged in coaching in major institutions of higher education, and hundreds in secondary schools of the nation. His players have not only looked to him for guidance during their college days, but also as they continued in the business and professional world. He has instilled in them principles of conduct which have marked them on the playing field as well as in their careers.

Coaches throughout the nation have given him high praise for his imaginative, creative football, and for his inspirational leadership, and have called him one of the finest strategists in the game.

In all his actions, both on and off the football field, he has gained respect and admiration as one who observes the finest concepts of sportsmanship, as an exemplification of the spirit of athletics at Illinois, and for his influence on the game and the young men he has coached.

While his career in active coaching is drawing to a close, it is gratifying to know that he will continue with the University in an administrative capacity, and that the University will therefore continue to benefit from the services of one of the best known and highly regarded figures in intercollegiate athletics.

In recognition of the distinguished service which Ray Eliot has given, therefore

Be It Resolved by the University of Illinois Board of Trustees that this tribute to him be made public,

And That the Board direct that this tribute and resolution be incorporated in the minutes of this meeting to become a part of the official record,

And That a suitable copy be forwarded to him as a permanent record of its gratitude and of the esteem and affection in which he is held.

Chicago, Illinois

On the 18th Day of November, 1959, and the 92nd Year of the University.

On motion of Mrs. Watkins, this resolution was unanimously adopted.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence; (5) change in sabbatical leave of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ALIMCHANDANI, H. R., Research Assistant in Animal Science (S), one year from February 1, 1960, $5300 (10-24-50).

ALLEN, MRS. JESSIE V., Instructor in Mathematics, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, $450 a month (10-12-59).

BARBATO, IRIS M., Research Associate in Psychiatry (Medicine), eleven months from October 1, 1959, $7000 a year, supersedes (10-20-59).
Barnes, Ted J., Assistant Professor of Speech, October 1, 1959-August 31, 1961, to render service during each academic year, $6200 a year, supersedes (10-14-59).

Bateman, Mrs. Felice D., Assistant Professor of Mathematics, 2/3 time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, $355.50 a month (10-12-59).

Berman, David, Instructor in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1959, without salary (9-11-59).

Bickelhaupt, Roy E., Research Associate in Ceramic Engineering (S), nine months from December 1, 1959, $9000 a year (10-30-59).

Bicoff, Juan P., Clinical Instructor in Pediatrics (Medicine), eleven months from October 1, 1959, without salary (10-20-59).

Bijvoet, Paul, Research Associate in Pharmacology (Medicine), ten months from November 1, 1959, $7700 a year (10-31-59).

Birke, Joachim W. E., Assistant in the Language Laboratory (College of Liberal Arts and Sciences), nine months from September 16, 1959, $3600 (10-12-59).

Brennan, William C., Clinical Instructor in Surgery (Medicine), one year from September 1, 1959, without salary (9-29-59).

Brooks, Mrs. Mary C., Research Assistant in the State Water Survey, nine months from October 1, 1959, $5500 a year (10-20-59).

Brown, Roger K., Instructor in Education, July 6, 1959-July 12, 1959, $186.11; this is an additional appointment (10-24-59).

Brown, Thomas H., Research Associate in Chemistry, one year from September 1, 1959, $5880 (10-12-59).

Brower, Eric G., Clinical Instructor in Biochemistry, Department of Psychiatry (Medicine), July 1, 1959-August 31, 1960, without salary (9-11-59).

Buss, Truman C., Jr., Assistant Professor of General Engineering (Chicago Undergraduate Division), academic year beginning September 1, 1959, $7000 (10-7-59).

Cheifetz, David, Clinical Assistant Professor of Psychology, Department of Psychiatry (Medicine), one year from September 1, 1959, without salary (10-20-59).

Chen, Cheng-Lin, Research Assistant Professor in the Coordinated Science Laboratory (C), eleven months from October 1, 1959, $8500 a year, supersedes (11-3-59).

Coleman, Richard D., Instructor in Biological Chemistry (Medicine), one year from September 1, 1959, without salary (10-12-59).

Dale, Thomas D., Jr., Clinical Assistant in Medicine (Medicine), September 16, 1959-August 31, 1960, without salary (9-29-59).

Danner, Robert W., Assistant in Physical Education (Chicago Undergraduate Division), September 16, 1959-January 31, 1960, $2300 (10-24-59).

Davies, Alan J., Clinical Instructor in Surgery (Medicine), one year from September 1, 1959, without salary (10-2-59).

De la Torre, Luis, Instructor in Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy), six months from January 1, 1960, $466.66 a month (10-20-59).

Deni, Norman E., Assistant in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1959, without salary (9-12-59).

Dickerson, Richard E., Assistant Professor of Physical Chemistry (College of Liberal Arts and Sciences and Graduate College), one year from September 1, 1959, $7500, supersedes (10-19-59).

Dickett, Gust W., Assistant in Commerce and Business Administration (Chicago Undergraduate Division), November 1, 1959-June 15, 1960, $444.44 a month (11-3-59).

Dimick, Dean F., Clinical Instructor in Medicine (Medicine), eleven months from October 1, 1959, without salary (10-20-59).

Dowd, Carol C., Assistant in Occupational Therapy (Medicine), September 21, 1959-August 31, 1960, $500 a year (10-27-59).


Elstein, Arthur S., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eleven months from October 1, 1959, without salary (10-20-59).

FATHERREE, LEROY L., Lecturer in Public Health (Medicine), with rank of Assistant Professor, one year from September 1, 1959, without salary; this is in addition to his salaried appointment (10-14-59).

FIEDLER, FRED E., Associate Professor of Psychology, August 31, 1959-September 15, 1959, $450; this is an additional appointment (11-3-59).

FORAN, JOHN E., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1959, without salary (10-31-59).

FORSON, LEONA R., Clinical Instructor in Ophthalmology (Medicine), one year from September 1, 1959, without salary (9-12-59).

FOX, RONALD E., Clinical Instructor in Medicine (Medicine), one year from September 1, 1959, without salary (9-11-59).

FRANKMANN, MRS. JUDITH P., Research Associate in Psychology, ½ time, nine months from October 1, 1959, $2500 (10-21-59).

FREUND, ERIC C., Instructor in the Bureau of Community Planning, nine months from December 1, 1959, $2700 a year (10-31-59).

GARRON, DAVID C., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eleven months from October 1, 1959, without salary (10-20-59).

GARWIN, EDWARD L., Research Assistant Professor of Physics (C), September 28, 1959-August 31, 1960, $7500 a year, supersedes (10-12-59).

GAULT, IRVING G., Clinical Instructor in Full and Removable Partial Dentures and Prosthodontist to Cleft Palate Training Program (Dentistry), one year from September 1, 1959, without salary (9-11-59).

GILLETTE, HOWARD E., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), one year from September 1, 1959, without salary (9-11-59).

HAAS, RICHARD E., Instructor in Radiology (Medicine), eleven months from October 1, 1959, without salary (10-12-59).

JACOBSON, MARVIN, Research Associate in Applied Materia Medica and Therapeutics (Dentistry), one year from September 1, 1959, without salary (9-11-59).

JEFFAY, ANA IDALIA, Research Associate in Applied Materia Medica and Therapeutics (Dentistry), ½ time, ten months from November 1, 1959, $2600 a year (10-31-59).

JOHNSON, OLAF K., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) and in Surgery (Medicine), one year from September 1, 1959, without salary (9-17-59).


KIMOVEC, FRANC, Assistant in Radiology (Medicine), ½ time, nine months from October 1, 1959, $2700 (10-20-59).

LAUTERSTEIN, AUBREY N., Research Associate in Pedodontics (Dentistry), without salary, and Pedodontist to the Cleft Palate Training Program (Division of Services for Crippled Children), ½ time, $3000, one year from September 1, 1959 (10-20-59).

LEARY, JOHN S. H., Assistant in Radiology (Medicine), September 15, 1959-August 31, 1960, without salary, supersedes (9-29-59).

LEFKE, LOUIS W., Research Assistant in Civil Engineering (S), November 1, 1959-June 15, 1960, $422.22 a month (10-31-59).

LEKAN, EUGENE C., Assistant in Oral Surgery, Department of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1959, without salary (9-11-59).

LEVY, LUCRETIA, Instructor in Mathematics, ½ time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, $3000 a year (10-12-59).

LIU, RUEY-WEN, Instructor in Electrical Engineering (C), ½ time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, $600; this is in addition to his appointment as General Electric Company Fellow in Electrical Engineering (10-27-59).


MARTIN, MILICENT V., Instructor in Home Economics (C), to render service during the academic year, September 1, 1959-February 29, 1960, $500 a month, and from March 1, 1960-August 31, 1960, $433.33 a month, supersedes (10-27-59).

MAZUR, BOLESŁAW, Research Associate in Crowns and Fixed Partial Dentures (Dentistry), eleven months from October 1, 1959, $6000 a year (10-12-59).

MURRAY, ELLIOTT C., Assistant in Psychiatry (Medicine), one year from September 1, 1959, without salary (9-28-59).

NALBANDOV, MRS. OLGA G., Research Associate in Entomology, ½ time, nine months from October 1, 1959, $2250 (10-20-59).

NORA, JOSEPH R., Clinical Instructor in Medicine (Medicine), ten months from November 1, 1959, without salary (9-11-59).


Nuki, KLAUS, Research Assistant in Oral Pathology (Dentistry), one year from September 1, 1959, $2800 (10-2-59).

OLIVER, RICHARD M., Clinical Associate in Dermatology (Medicine), eleven months from October 1, 1959, without salary (10-31-59).

OVERSTREET, ROBERT J., Clinical Instructor in Surgery (Medicine), one year from September 1, 1959, without salary (9-28-59).

PARK, ELDON E., Assistant Dean of Men, eleven months from October 1, 1959, $5500 a year, supersedes (10-12-59).

PERTSCHONOK, DANIEL, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), one year from September 1, 1959, without salary (10-31-59).

PETERSON, ARTHUR W., JR., Assistant in Anesthesiology, Department of Surgery (Medicine), nine months from October 1, 1959, without salary (9-28-59).
PRETTO, JOHN I., Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (9-29-59).

PURCELL, FRANCIS P., Consultant in the School of Social Work, with rank of Associate Professor, one year from September 1, 1959, $9750, supersedes (10-27-59).

RANSFORD, RALPH E., Instructor in Anatomy (Medicine), ½ time, nine months from October 1, 1959, $1320 (10-31-59).

REINER, IRMA, Assistant Professor of Mathematics, ½ time, to render service during the first semester of the academic year, September 1, 1959-February 29, 1960, $3500 a year (10-12-59).

ROSE, WALTER D., Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C), September 1-15, 1959, $566.67; this is in addition to his present appointment (11-3-59).

SCARAMELLA, LOUIS F., Assistant in Otolaryngology (Medicine), one year from September 1, 1959, without salary (9-28-59).

SCARDINO, ANTHONY M., Clinical Assistant in Medicine (Medicine), one year from September 1, 1959, without salary (9-28-59).

SCHMIDT, FRED, Research Assistant in Entomology, one month from August 16, 1959, $400 (10-14-59).

SEN, ARUN K., Clinical Assistant Professor of Anesthesiology, Department of Surgery (Medicine), one year from September 1, 1959, without salary (9-17-59).

SFAFER, SID J., Clinical Assistant Professor of Orthopaedic Surgery and Preventive Medicine (Medicine), and Orthopaedist in the Respiratory Center, 15/100 time, seven months from December 1, 1959, $770, supersedes (10-29-59).

SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S), ¼ time, October 5, 1959-December 31, 1959, $500 a month (10-14-59).

SHARP, JOHN T., Clinical Assistant Professor of Medicine (Medicine), ten months from November 1, 1959, without salary (9-28-59).


STOSE, JOHN W., Assistant in Otolaryngology (Medicine), one year from September 1, 1959, without salary (9-28-59).

TALETT, GEORGE A., Lecturer in Sociology, one year from September 1, 1959, $6200 (10-12-59).

TALETTI, DAN A., Clinical Instructor in Anesthesiology, Department of Surgery (Medicine), eleven months from October 1, 1959, without salary (9-29-59).

VIDEKA, MICHAEL A., Instructor in Radiology (Dentistry), ½ time, eleven months from October 1, 1959, $2800 a year, supersedes (10-20-59).

WIECZOREK, MARIL, Registered Pharmacist in Hospital Pharmacy (Pharmacy), eleven months from October 1, 1959, $6000 a year (10-12-59).

WIGDERSON, I., Instructor in Education, ten months from September 1, 1959, $6000, supersedes (10-14-59).
WILKINS, CHARLES T., Instructor in English, academic year from September 1, 1959, $5200 (10-2-59).

WITHERS, INA, Research Assistant in Chemistry, eleven months from October 1, 1959, $4400 a year (10-28-59).

WORTHY, CLAIRM., Professor of Military Science and Tactics and Head of the Department, indefinite tenure beginning September 15, 1959, without salary (10-2-59).

YUSKEN, JOHN W., Research Associate in Radiology (Medicine), eleven months from October 1, 1959, $7000 a year (10-20-59).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)


ALBRECHT, SHIRLEY K., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-8-59).

APPLEBAUM, MYRNA B., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-8-59).

BERQUIST, ELAINE V. S., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-8-59).

BLAHA, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1959, $1800 (10-15-59).

BORTOFF, ALEXANDER, Postdoctoral Fellow in Physiology, eight months from October 1, 1959, $4000 (10-20-59).

BOYTS, HAROLD (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).

BROWN, LOUIS E., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $2000 (10-6-59).


DE SA, D. J., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1959, $1800 (10-1-59).

DILL, JONATHAN L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-8-59).

ECKLUND, ROBERT E., United States Public Health Service Postdoctoral Fellow (Trainee) in Medicine (Chicago Professional Colleges), eight months from November 1, 1959, $4500, supersedes (10-22-59).

FERRIER, DONNA J., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).


HAYES, HAROLD B., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1959, $1800 (9-30-59).

HENDRICKSON, HERMAN S., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1959, $1800 (10-1-59).

HENG, JANE, United States Public Health Service Postdoctoral Fellow (Trainee) in Neuropharmacology (Chicago Professional Colleges), eleven months from October 1, 1959, $4500 a year (10-6-59).

HOLTZMAN, MARILYN G., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).

HOMAN, VIRGINIA L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $2000 (10-6-59).
Lepper, Margaret L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $2000 (10-6-59).
Lewis, Antonia, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-8-59).
Martin, Caroline C., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-8-59).
Miller, Faye, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1959, $1800 (10-15-59).
Monroe, Sonya V., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).
Morris, Trevor R., Postdoctoral Fellow in Animal Science, one year from October 15, 1959, $3600, supersedes (10-27-59).
Natusch, Lois, United States Public Health Service Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).
Pearson, Robert E., American Cyanamid Company Fellow in Chemistry, nine months from October 1, 1959, $1800, supersedes (10-14-59).
Porter, Joanne, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $2000 (10-6-59).
Redmond, William, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges), eleven months from October 1, 1959, $2100 (10-15-59).
Ryepstat, Susan B., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).
Teague, Robert, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).
Tillman, Naomi, Special Fellow in Social Work, September 16, 1959-January 31, 1960, $900; this is in addition to her one-quarter time assistantship (10-7-59).
Weiss, Donna, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $2000 (10-6-59).
Whitman, John M., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, $2400 (10-15-59).
Wilkinson, Janet L., National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $1800 (10-6-59).
Wright, William V., United States Public Health Service Fellow (Trainee) in Food Technology, eight months from January 1, 1960, $183.33 a month (10-5-59).
ZABORSKY, JAMES, National Institute for Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1959, $2000 (10-6-59).

ZALIS, ORESTE, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from July 1, 1959, $2400 (10-15-59).

RESIGNATIONS

ARTHUR, MARIA H., Research Assistant in Medicine (Medicine) — resignation effective October 9, 1959.

BROWN, THOMAS H., Research Associate in Chemistry — resignation effective October 1, 1959.

CHAN, SHU-PARK, Fellow in Electrical Engineering — resignation effective October 14, 1959.

COHEN, JOSEPH A., Clinical Instructor in Medicine (Medicine) — resignation effective September 1, 1959.

EDWARDS, ROBERT H., Instructor in Pathology (Medicine) — resignation effective September 15, 1959.

ENGELING, JANET, Assistant in Occupational Therapy (Medicine) — resignation effective October 7, 1959.

GANTZ, RALPH L., Assistant Professor of Crop Extension in Agronomy — resignation effective November 1, 1959.

HARLAN, J. ALLEN, Associate Professor of Management — resignation effective September 1, 1959.

HOERLEIN, ALVIN B., Professor of Veterinary Research (Agricultural Experiment Station) and of Veterinary Pathology and Hygiene (College of Veterinary Medicine) — resignation effective December 1, 1959.

NOMURA, MASAYASU, Research Associate in Microbiology — resignation effective November 1, 1959.

PROBST, DORIS J., Assistant Reference Librarian, with rank of Instructor — resignation effective November 1, 1959.

SHRIFTER, HAROLD B., Clinical Assistant in Medicine (Medicine) — resignation effective October 1, 1959.

SHROFF, FRANK R., Visiting Associate Professor of Oral Pathology (Dentistry) — resignation effective November 16, 1959.

SMITH, ROBERT, Research Assistant in Biological Chemistry (Medicine) — resignation effective September 30, 1959.

TAYLOR, C. BRUCE, Professor of Pathology (Medicine) — resignation effective September 15, 1959.

TRUEHEART, RICHARD E., Assistant Professor of Pathology (Medicine) — resignation effective October 1, 1959.

WUERMANN, DIETRICH, Research Associate in Chemistry — resignation effective November 1, 1959.

YANO, NORUMITSU, United States Public Health Service Fellow (Trainee) in Food Technology — resignation effective January 1, 1960.

LEAVES OF ABSENCE

GUSTAFSON, WESLEY A., Clinical Professor of Neurological Surgery (Medicine) —leave of absence, without pay, for one year beginning December 1, 1959.

REEF, CHARLES A., Associate Professor of Zoology, Department of Pharmacognosy and Pharmacology (Pharmacy) — leave of absence, without pay, for six months from January 1, 1960.

STEVENS, HELEN L., Assistant in Education (University High School) — leave of absence on account of illness from September 25, 1959, to November 8, 1959, and leave without pay from November 8, 1959, to February 1, 1960, so that she may apply for disability benefits from the University Retirement System of Illinois.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

DEYOE, GEORGE P., Professor of Agricultural Education — sabbatical leave of absence changed from the second semester of the current academic year to the period beginning December 21, 1959, and ending June 20, 1960.
JANUARY MEETING

On motion of Mrs. Watkins, the Board voted to hold its January, 1960, meeting in Chicago, at the Chicago Professional Colleges, on Wednesday, January 20, 1960, at an hour and place to be determined by the President and the Secretary of the Board.

DELEGATION FROM REGIONAL ASSOCIATION OF SOUTH COOK-WILL COUNTY MUNICIPALITIES

Mr. Karl Treen, Chairman of the Committee on Higher Education of the Regional Association of South Cook-Will County Municipalities, and nine other representatives\(^1\) of the area appeared before the Board and made presentations in support of the "Indian Boundary" area as a site for the relocation for the University’s Chicago Undergraduate Division. Mr. Treen was spokesman for the group and opened the presentation. Each of the others spoke briefly in support of this site. Copies of prepared statements from which they spoke were filed with the Secretary of the Board for record.

At the conclusion of this presentation President Williamson thanked the group and stated that their presentation would be given due consideration.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA

Secretary

KENNEY E. WILLIAMSON

President

---

\(^{1}\)The group included: Robert Aulbach, President of the Association; E. Layton Flanagan, Architect; Robert Andree, Superintendent of Schools of Rich Township High School District 227; David F. Bond, Public Relations Department of Allis-Chalmers, representing Owen Higgins, General Manager of the Harvey works; Warren A. Logelin, Director of Public Relations of Acme Steel Company, representing Fred A. Gillies, Chairman of the Board; Lynn Brenne, Traffic Department, United Air Lines; J. Fred Zimmerman, Director of Personnel Services of Sinclair Laboratories; W. J. Owler, Superintendent of the American Brakeshoe Company; Maurino Richton, Attorney and State Representative; and Karl Treen, Insurance and Real Estate Broker.
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The December meeting of the Board of Trustees of the University of Illinois was held in the Directors' Room of the First National Bank of Chicago, 38 South Dearborn Street, Chicago, Illinois, on Wednesday, December 16, 1959, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, and Mr. Kenney E. Williamson. Mr. Howard W. Clement, Mr. Harold Pogue, and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
MEETINGS OF BOARD COMMITTEES

Meetings of the Committees on General Policy, Buildings and Grounds, and Nonacademic Personnel were held in the forenoon, prior to the Board meeting. Following these committee meetings, members of the Board and other University officials were guests of the officers of the First National Bank of Chicago at luncheon.

When the Board convened, on motion of Mr. Herrick, the Secretary was instructed to write to the officers of the Bank expressing appreciation of the Trustees for this hospitality.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHILIP BERNSTEIN</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>JOSEPH LEONARD BUBUL</td>
<td>Denver, Colorado</td>
<td>Indiana</td>
</tr>
<tr>
<td>WALTER MICHAEL BURY</td>
<td>Minneapolis, Minnesota</td>
<td>Michigan</td>
</tr>
<tr>
<td>ALEXANDER JOHN KUHN</td>
<td>Hinsdale</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>MICHAEL MANDEL MALTER</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>HOWARD GEORGE NELSON</td>
<td>Shorewood, Wisconsin</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>IRVIN MAURICE SHECHTER</td>
<td>St. Louis, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>CLAUDE CLYDE ZUBA</td>
<td>Chicago</td>
<td>District of Columbia</td>
</tr>
</tbody>
</table>

I concur.

On motion of Mr. Johnston, these certificates were awarded.

APPOINTMENTS TO THE FACULTY

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. PIETRO U. CAPURRO, Assistant Professor of Pathology, beginning December 1, 1959, at an annual salary of $12,000 (DY).
2. PALLIAKARANAI T. NARASIMHAN, Research Assistant Professor in the Department of Chemistry and Chemical Engineering, beginning November 9, 1959, at an annual salary of $6,000 (D).
3. HERBERT E. NATOF, Clinical Assistant Professor of Anesthesiology, in the Department of Surgery, beginning November 1, 1959, without salary (DY).
4. JACQUES OVADIA, Clinical Assistant Professor of Radiology, beginning November 1, 1959, without salary (DY).
5. H. J. ZWART, Visiting Associate Professor of Geology, for the academic year 1960-61, at a salary of $8,000 (G).

On motion of Mr. Hughes, these appointments were confirmed.

LEAVE OF ABSENCE FOR WILLIAM H. RICE

(3) Governor William G. Stratton has appointed William H. Rice, Administrative Assistant (Legislative Relations) in the President's Office, as Administrative Assistant on the Governor's staff for an indefinite period. The Governor had previously requested the University to release Mr. Rice for this service. He has accepted the assignment and requests a leave of absence from the University.

I agreed to release Mr. Rice and recommend that he be given leave without pay. Although his appointment on the Governor's staff is not for a definite
period, University leaves are usually given for specific periods and I therefore recommend that Mr. Rice's leave be for one year from January 1, 1960.

This will also require formal action by the Alumni Association at the next meeting of its Board of Directors which will be held on January 16, 1960. In the meantime, the officers of the Association have indicated their approval.

On motion of Mr. Swain, this recommendation was approved.

EMPLOYMENT OF CONSULTING LANDSCAPE ARCHITECT

(4) As the result of plant and tree losses due to epidemic diseases, ice storms, and the heat and drought of the summer of 1959, the appearance of the campus has suffered materially. Repair and replacement of trees and replanting, and the construction of new buildings during the next several years, will require additional planning and capital expenditures.

The administrative responsibilities within the Physical Plant Department have been reassigned and Mr. Robert S. Chamberlin, formerly Superintendent of Operations, will be in charge of a new division, Campus Development and Site Planning. Mr. Chamberlin is a professional landscape architect.

To secure objective professional advice on campus planning and development, the Director of the Physical Plant recommends the employment of the firm of Sasaki, Walker, and Associates, Inc., Watertown, Massachusetts, as consulting landscape architects on a per diem basis. Mr. Hideo Sasaki, head of the firm, is a graduate of the University of Illinois and is now Head of the Department of Landscape Architecture at Harvard. He is a landscape architect of proven competence with a national reputation especially in the field of campus development.

The estimated cost of Mr. Sasaki's services is approximately $4,600 per full year. Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

ENGINEERING SERVICES ON STORM SEWER IMPROVEMENTS

(5) The city of Champaign is planning storm drainage improvements in certain areas which will triple the flow of water in the Boneyard channel at Wright Street, and when drainage in all areas of the Champaign watershed is fully developed, the maximum flow at Wright Street will be increased nearly four times the present rate. This will necessitate improvement of the Boneyard area through the campus and adjoining University land to prevent inundation. The Urbana-Champaign Sanitary District will undertake improvement of the Boneyard channel from Race Street in Urbana as far west as Lincoln Avenue and perhaps to Gregory Place.

It is not practical to estimate the extent of the improvements of the Boneyard on University property or the cost without engineering studies, and such engineering work must be done rapidly if the University is to keep up with the schedule of local improvements.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the firm of Wilson and Anderson, Champaign, be employed to make preliminary engineering studies of the Boneyard channel improvements required from Wright Street to Gregory Place at a fee of $2,500, these services to include:

A detailed study of the route and at least two alternate designs for the Boneyard improvement from Wright Street to Gregory Place;

Study of the effect of such improvements on adjacent structures (bridges and building foundations) and determination of the extent of underpinning or replacements that will be necessary;

An analysis of the extent of utilities services adjacent to and crossing the channel to be re-routed; and

A report summarizing the study, making recommendations and giving estimates of the cost.

I concur and recommend that an appropriation of $2,500 be made from the General Reserve Fund for this purpose.

On motion of Mr. Swain, this recommendation was approved, and the requested appropriation was made by the following vote: Aye, Mr.
The Board of Trustees on April 14, 1959, approved a recommendation from its Committee on Buildings and Grounds that the University participate with the city of Urbana in the improvement of Green Street from Wright Street to Lincoln Avenue. The Board also authorized the employment of Clark, Daily, and Dietz, Consulting Engineers, Urbana, to make complete plans and specifications and detailed cost estimates covering the University's participation.

Preliminary general estimates prepared by the University and reported to the Committee on Buildings and Grounds indicated a total cost of the project from Wright Street to Lincoln Avenue, including alterations of the Illini Union Building drive, relocation of University-owned utilities, and construction of a bicycle path along the street, but excluding landscaping, to be $357,850, of which the University's share would be $321,600 based on property frontage. Detailed estimates subsequently developed by engineers, including an added factor, the cost of expansion of the Green Street and Lincoln Avenue intersection to accommodate traffic movements as required by the state of Illinois, indicate a total project cost of $418,800 of which University costs are estimated to be $298,292.73.

The Director of the Physical Plant has conducted negotiations with the city of Urbana officials regarding the division of costs. He and the Vice-President and Comptroller recommend that:

The cost of the project, exclusive of landscaping and relocation of University-owned utilities, from Wright Street to the intersection of Lincoln Avenue be distributed on the basis of property frontage. The University owns 73.36 per cent of the street frontage;

The cost of the intersection at Green Street and Lincoln Avenue to be divided equally;

The cost of alterations to the Illini Union Building drive and the bicycle path on the north side of Green Street be assumed by the University; and

The costs to be borne entirely by the University be paid during this biennium, and costs to be shared with the city of Urbana be paid approximately one-third during 1959-61 and one-half of the remainder in each of the succeeding biennia with interest to be paid on deferred installments.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute an agreement with the city of Urbana based on the division of costs and payments stipulated above, subject to release of funds by the Governor during the present biennium and the availability of funds in each succeeding biennium.

On motion of Mr. Harewood, this recommendation was approved by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton.

The Agricultural Experiment Station needs farm land for the Department of Horticulture to replace land which has been taken over for other University use.

Available land which will adequately meet the Department's needs is the H. N. Pell farm of 160 acres southeast of Urbana along what is commonly known as “Yankee Ridge.”

The farm is presently in the H. N. Pell estate and can not be sold by it because of the provisions of Mr. Pell's will which convey a life estate in the property to certain heirs. Counsel for the estate, however, has informed the University that the heirs are willing to sell, and that if the University undertakes to acquire this land by eminent domain they will not oppose the suit but will cooperate.
The Dean of the College of Agriculture and Director of the Agricultural Experiment Station and the Vice-President and Comptroller recommend that the University proceed to acquire the farm through its right of eminent domain. Since the University's appropriation for 1959-61 for land acquisitions has not been released by the Governor, it will be necessary to acquire the farm through the University of Illinois Foundation with funds borrowed from the First National Bank of Chicago.

The Committee on Buildings and Grounds has authorized University officers to proceed with the acquisition program and has authorized the Vice-President and Comptroller to negotiate with the Foundation and with the First National Bank of Chicago to secure the necessary funds.

I recommend that the Board approve this plan of acquisition and that the following resolution be adopted:

Resolution

Be It, and It Is Hereby Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the following described real estate situated in the County of Champaign in the State of Illinois, to-wit:

The Northwest Quarter (NW ¼) of Section Twenty-Eight (28) in Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian (3rd P.M.) in Urbana Township, in the County of Champaign and State of Illinois;

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for horticultural research, teaching, and demonstration activities and for related educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois to discharge its duty to the people of said State and for public use; that funds are available to said University of Illinois for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owners have refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continue to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land can not be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found, and Declared by this Board of Trustees of The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinafore set forth and because the compensation to be paid to the owners thereof for such land can not be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title, or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation
to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton.

APPROPRIATIONS BY ATHLETIC ASSOCIATION

(8) The Board of Directors of the Athletic Association has approved the following assignments of funds from its reserve, confirmation of which is requested.

Payment to the Alumni Association for services during 1958-59..................$ 3,000
Additional funds for Grants-in-Aid for the first semester....................... 20,000

On motion of Mr. Herrick, this assignment was confirmed.

ACCEPTANCE OF FEDERAL FUNDS FOR AIRPORT CONSTRUCTION

(9) The Board of Trustees on April 14, 1959, authorized an application to the Civil Aeronautics Administration, now the Federal Aviation Agency, for one-half the cost of enlarging the apron and constructing roads, walks, parking, and fencing at the University of Illinois Airport. The FAA has approved a grant of $97,523, no part of which, however, may be used for the parking lot improvement in which the FAA can not participate. The State Department of Aeronautics will provide $123,800 from its funds and the University will provide $11,774.23, nearly all of which is for engineering services.

The Director of the Institute of Aviation and the Vice-President and Comptroller recommend acceptance of the federal grant. In accordance with the Agency and Participation Agreement the University has with the State Department of Aeronautics, it is also recommended that the Board authorize the Department to award a construction contract for $218,132.37 to Parro Construction Corporation, the lowest bidder on this work, provided that no change orders will be issued without concurrence of the University.

I concur and recommend adoption of the following resolution:

Resolution Accepting, Adopting, and Authorizing Execution of Acceptance of Grant Offer of the Administrator of the Federal Aviation Agency, Constituting Grant Agreement Between the United States and the Board of Trustees of the University of Illinois

WHEREAS, the Administrator of the Federal Aviation Agency, for and in behalf of the United States, has extended to The Board of Trustees of the University of Illinois a formal Grant Offer, dated October 2, 1959, pursuant to the Project Application of The Board of Trustees of the University of Illinois, submitted to the Federal Aviation Agency, dated September 1, 1959, all as hereinafter set forth, and all relating to the development of the University of Illinois Airport; the same bearing FAA Project No. 9-11-026-6003; and

WHEREAS, pursuant to and for the purposes of carrying out the provisions of the Federal Airport Act (60 Stat. 170; Public Law 377, 79th Congress) it is necessary that said Grant Offer be duly and formally accepted by The Board of Trustees of the University of Illinois; and

WHEREAS, such Grant Offer and such Acceptance thereof, duly executed, together shall constitute the Grant Agreement between The Board of Trustees of the University of Illinois and the United States relating to said airport-development project; and

WHEREAS, the said Grant Offer is in the words, figures, and form following:
UNIVERSITY OF ILLINOIS

FEDERAL AVIATION AGENCY

GRANT AGREEMENT

PART I—OFFER

Date of Offer: Oct 2 1959
University of Illinois Airport
Project No. 9-11-026-6003
Contract Serial No. FA3-586

The Board of Trustees of the University of Illinois and

To: The Department of Aeronautics, State of Illinois

(herein referred to as the "Co-Sponsors")

FROM: The United States of America (acting through the Administrator of the

Federal Aviation Agency, herein referred to as the "Administrator")

WHEREAS, the Co-Sponsors have submitted to the Administrator a Project

Application dated September 1, 1959 for a grant of Federal funds for a project

for development of the University of Illinois Airport (herein called the "Air-

port"), together with plans and specifications for such project, which Project

Application, as approved by the Administrator, is hereby incorporated herein

and made a part hereof; and

WHEREAS, the Administrator has approved a project for the development

of the Airport (herein called the "Project") consisting of the following described

airport development:

Construct apron (approximately 17,500 square yards), entrance
road extension and terminal area sidewalks; install underground
electrical ducts; construct electrical manholes; relocate existing
circuits to field lighting; adjust existing manholes; fence.

(This work is in addition to the development included in Projects
No. 9-11-026-101 and 9-11-026-5802.)

all as more particularly described in the property map and plans and specifica-
tions incorporated in the said Project Application;

Now Therefore, pursuant to and for the purposes of carrying out the pro-
visions of the Federal Airport Act (60 Stat. 170; Pub. Law 277, 79th Congress),
and in consideration of (a) The Board of Trustees of the University of Illinois
adoption and ratification of the representations and assurances contained in
said Project Application and acceptance of this Offer by The Board of Trustees
of the University of Illinois and the State of Illinois, Department of Aero-

nautics as hereinafter provided and (b) the benefits to accrue to the United
States and the public from the accomplishment of the Project and the operation
and maintenance of the Airport, as herein provided, THE ADMINISTRATOR,
FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS
AND AGREES TO pay, as the United States' share of costs incurred in accom-
plishing the project, 50 per centum of all allowable project costs, subject to the
following terms and conditions:

1. The maximum obligation of the United States payable under this Offer
shall be $97,523.

2. The Co-Sponsors shall
(a) begin accomplishment of the Project within a reasonable time after
acceptance of this Offer, and
(b) carry out and complete the Project in accordance with the terms of
this Offer, and the Federal Airport Act and the Regulations promul-
gated, thereunder by the Administrator in effect on the date of this
Offer, which Act and Regulations are incorporated herein and made a
part hereof, and
(c) carry out and complete the Project in accordance with the plans and
specifications and property map incorporated herein as they may be
revised or modified with the approval of the Administrator or his duly
authorized representatives.

3. The Board of Trustees of the University of Illinois shall operate and main-
tain the Airport as provided in the Project Application incorporated herein.
4. The maximum amounts of building space which the Sponsor shall be
obligated to furnish civil agencies of the United States for the purposes and
on the terms and conditions stated in Paragraph 9 of Part III of the Project
Application is set forth in the attached Schedule of Maximum Rent-Free
Requirements, which is incorporated herein and made a part hereof.
5. Any misrepresentations or omission of a material fact by the Co-Sponsors
concerning the Project or the Co-Sponsors' authority or ability to carry out
the obligations assumed by the Co-Sponsors in accepting this Offer shall
terminate the obligation of the United States, and it is understood and agreed
by the Co-Sponsors in accepting this Offer that if a material fact has been
misrepresented or omitted by the Co-Sponsors, the Administrator on behalf
of the United States may recover all grant payments made.
6. The Administrator reserves the right to amend or withdraw this Offer at
any time prior to its acceptance by the Co-Sponsors.
7. This Offer shall expire and the United States shall not be obligated to pay
any of the allowable costs of the Project unless this Offer has been ac-
cepted by the Co-Sponsors within 60 days from the above date of Offer or
such longer time as may be prescribed by the Administrator in writing.
8. The Administrator in tendering this offer on behalf of the United States
recognizes the existence of an agency relationship between The Board of
Trustees, of the University of Illinois, as principal, and the Department
of Aeronautics, State of Illinois, as agent, created by the Agency and Partici-
pation Agreement entered into for and in behalf of The Board of Trustees,
of the University of Illinois on September 1, 1959 and for and in behalf of
the Department of Aeronautics, State of Illinois on September 1, 1959. The
Co-Sponsors agree that they will not amend, modify or terminate said
Agency and Participation Agreement without prior approval in writing of the
Administrator or his designated representative.
9. It is understood and agreed by and between the parties hereto that, notwith-
standing the fact that the plans and specifications include certain items cov-
ering the construction of service roads B and C (Plan Sheets No. 5 and 6)
and auto parking area (Plan Sheet No. 2), grading for auto parking area
and service roads B and C (Plan Sheet No. 10), and drainage in auto park-
ing area (Proposed Items 12 and 13), such items of work shall not be a part
of this project and the United States shall not pay, nor be obligated to pay,
for any of the costs pertaining thereto; it is further understood and agreed
that the Sponsor shall maintain cost records covering this project, including
separate cost records pertaining to the above referred items excluded from
Federal participation, which records shall be made available for inspection
and audit by the Administrator or his duly authorized representative or
employee to the end that the cost of the excluded items may be definitely
determined.
10. The terms "Administrator of Civil Aeronautics," "Administrator," "Civil
Aeronautics Administration," "Department of Commerce" or "CAA" where-
evver they appear in the Project Application, plans and specifications or in any
other documents constituting a part of this Agreement shall be deemed to
mean the Federal Aviation Agency or the Administrator thereof as the case
may be; any reference made in the Project Application to Section 303 of the
Civil Aeronautics Act of 1938 shall be deemed to mean Section 308 of the
Federal Aviation Act of 1958.

The Co-Sponsors' acceptance of this Offer and ratification and adoption of
the Project Application incorporated herein by The Board of Trustees of the
University of Illinois shall be evidenced by execution of this instrument by the
Co-Sponsors, as hereinafter provided, and said Offer and acceptance shall com-
prise a Grant Agreement, as provided by the Federal Airport Act, constituting
the obligations and rights of the United States and the Co-Sponsors, respectively,
with respect to the accomplishment of the Project and the operation and mainte-
nance of the Airport. Such Grant Agreement shall become effective upon the
Co-Sponsors' acceptance of this Offer and remain in full force and effect
throughout the useful life of the facilities developed under the Project but in
any event not to exceed twenty years from the date of said acceptance.
UNIVERSITY OF ILLINOIS

UNITED STATES OF AMERICA
THE ADMINISTRATOR OF THE FEDERAL AVIATION AGENCY

By.................................................................
Regional Administrator, Region III

PART II — ACCEPTANCE

The Board of Trustees of the University of Illinois does hereby ratify and adopt all statements, representations, warranties, covenants and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this ............................................. day of ........................................ 19........

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

(Seal)
Attest........................................................... By...........................................................
Title............................................................ Title...........................................................

CERTIFICATE OF CO-SPONSOR'S ATTORNEY

I, ..............................................................., acting as Attorney for The Board of Trustees of the University of Illinois, do hereby certify:

That I have examined the foregoing Grant Agreement and the proceedings taken by The Board of Trustees of the University of Illinois relating thereto and find that the acceptance thereof by the said The Board of Trustees of the University of Illinois has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of The Board of Trustees of the University of Illinois in accordance with the terms thereof.

Dated at ............................................. this ................ day of ................................. 19........

............................................................. Title...........................................................

The State of Illinois Department of Aeronautics does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this ............................................. day of ........................................ 19........

STATE OF ILLINOIS
DEPARTMENT OF AERONAUTICS

(Seal)
Attest........................................................... By...........................................................
Title............................................................ Title...........................................................

CERTIFICATE OF CO-SPONSOR'S ATTORNEY

I, ..............................................................., acting as Attorney for the State of Illinois, Department of Aeronautics, do hereby certify:

That I have examined the foregoing Grant Agreement and proceedings taken by the State of Illinois, Department of Aeronautics relating thereto and find that the acceptance thereof by the State of Illinois, Department of Aeronautics has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Illinois and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the State of Illinois, Department of Aeronautics in accordance with the terms thereof.

Dated at ............................................. this ................ day of ................................. 19........

............................................................. Title...........................................................
Now, Therefore, upon consideration of said Grant Offer and all of the terms, provisions, conditions, and exhibits therein and thereto, Be It, and It Is Hereby Resolved by the Board of Trustees of the University of Illinois, as follows:

I. That The Board of Trustees of the University of Illinois accept, and it does hereby accept the Grant Offer extended to it by the Administrator of the Federal Aviation Agency, for and in behalf of the United States, in the words, figures, and form as hereinabove set forth, and that it shall enter into a Grant Agreement with the United States by causing the Acceptance thereof, in the words, figures and form as hereinabove set forth, to be duly executed in its name and for and in its behalf.

2. That to accomplish the foregoing, H. O. Farber, Comptroller, be and he is hereby authorized and directed to execute, for and in behalf of The Board of Trustees of the University of Illinois, the said Acceptance of the said Grant Offer, and that A. J. Janata, Secretary, be and he is hereby authorized and directed to attest said execution and to impress thereon the Official Seal of The Board of Trustees of the University of Illinois.

3. That the Project Application, dated September 1, 1959, executed and submitted to the Federal Aviation Agency by The Board of Trustees of the University of Illinois, relating to FAA Project No. 9-11-026-6003, including all the statements, representations, warranties, covenants, and agreements contained therein, be and the same are hereby ratified and adopted.

4. That the Agency and Participation Agreement attached thereto and by reference made a part thereof, entered into on the 1st day of September, 1959, by The Board of Trustees of the University of Illinois and the State of Illinois, Department of Aeronautics, be and the same is hereby confirmed and ratified.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton.

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(10) The Committee on Nonrecurring Appropriations has reviewed a long list of requests and recommends assignments of funds from the General Reserve for the following items which the Committee has judged are most urgent:

1. Department of Home Economics, construction of demonstration kitchen for wheelchair and other handicapped persons.................. $3,300.00
2. Department of Agricultural Engineering, rewiring and additional electrical capacity for Agricultural Engineering Building........... 6,000.00
3. Department of Animal Science, pick-up truck for Sheep Division..... 2,500.00
4. Department of Business Education, typewriter replacement........... 3,852.50
5. Department of Electrical Engineering, purchase of equipment for instruction............................................. 26,700.00
6. College of Liberal Arts and Sciences, renovation of apartment building at 1207 West Oregon Street, Urbana, for staff offices and laboratories.......................................................... 25,000.00
7. Department of Chemistry and Chemical Engineering, remodeling in Noyes Laboratory.................................................. 90,000.00
8. Remodeling in Lincoln Hall to provide additional offices and laboratory rooms...................................................... 31,700.00
9. College of Fine and Applied Arts, equipment for Krannert Art Museum and moving into new facilities......................... 22,500.00
10. Library, renovation of lighting in Undergraduate Library at Urbana.......................................................... 11,000.00
11. Department of Physiology, moving into Burrill Hall...................... 26,000.00
12. Department of Microbiology, moving into Burrill Hall................ 6,000.00
13. Physical Plant Department, lowering approximately 2,000 lineal feet of water main on St. Mary's Road east of the water tank sufficiently to protect line from freezing and traffic damage........... 8,000.00
14. Armed Forces:
   Repairing firing range.......................................................... 500.00
   Slate for blackboard.......................................................... 135.00
18. Chicago Farmers: renewal of scholarships in agriculture. ........ 500.00
19. Mr. Warren E. Compton, St. Louis, Missouri: for the Bertha L. Compton Memorial Scholarship. ........................................... 500.00
20. Consolidation Coal Company, Library, Pennsylvania: scholarship in chemical engineering, academic year 1959-60. ........ 500.00
21. Various donors: to the Department of Ceramic Engineering for scholarships. ................................................................. 3,536.00
22. Corn Products Refining Company, Chicago: scholarships in engineering and physical science, academic year 1958-59. 2,400.00
23. Corning Glass Works Foundation, Corning, New York: scholarships in ceramic engineering. .................................................. 250.00
24. Dad's Association of the University of Illinois: scholarships. .............................................. 1,500.00
25. George W. Doak Memorial Scholarship Fund: scholarships in vocational agriculture. ................................................. 155.00
26. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship for a senior student in aeronautical, electrical, or mechanical engineering, academic year 1959-60. 750.00
27. The Dow Chemical Company, Midland, Michigan: renewal of scholarship in metallurgy, academic year 1959-60. 500.00
28. Federal Land Bank, St. Louis, Missouri: two scholarships ($500 each) in agriculture for freshmen students, academic year 1959-60. 1,000.00
29. Forrest L. Forsythe, Chicago: for the Robert Wade Forsythe Scholarship, academic year 1959-60. 300.00
30. Foundry Educational Foundation, Cleveland, Ohio: scholarships in engineering ......................................................... 1,000.00
31. Fribourg Foundation, Inc., New York, New York: two scholarships ($500 each) in grain marketing, academic year 1958-59. 1,000.00
32. Fusite Corporation, Cincinnati, Ohio: scholarships in ceramic engineering. ................................................................. 500.00
33. General Motors Corporation, Detroit, Michigan: scholarship awards under the General Motors College Scholarship Program, academic year 1958-59. 13,500.00
34. Globe-Union Foundation: for the Ceramic Engineering Scholarship Fund ................................................................. 500.00
35. A. P. Green Fire Brick Company: scholarships in ceramic engineering. ................................................................. 500.00
36. Harshaw Chemical Foundation: for the Ceramic Engineering Scholarship Fund ................................................................. 500.00
37. Illinois Association for the Crippled, Inc., Chicago: scholarship in occupational therapy. .................................................. 500.00
38. Illinois Congress of Parents and Teachers: two scholarships, one for any field of teacher training ($1,000) and one for preparation to teach exceptional children ($2,500). 5,500.00
39. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy ..................................................... 2,503.18
40. Illinois Mining Institute, Urbana, Illinois: scholarships in mining engineering ............................................................. 1,500.00
41. Illinois State Federation of Labor, Chicago: two general scholarships ($500 each). .......................................................... 1,000.00
43. David Kinley Educational Foundation, Barrington, Illinois: scholarship in the College of Commerce and Business Administration. 1,500.00
44. Kroger Company, Cincinnati, Ohio: six scholarships ($250 each) in agriculture and home economics. 1,500.00
45. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children. 6,500.00
Central Lions Club, Chicago .................................................. $500.00
Logan Square Lions Club, Chicago ........................................ 500.00
Lakeview Lions Club, Chicago ................................................ 500.00
Uptown Lions Club, Chicago .................................................. 500.00
Oak Park Lions Club, Oak Park ............................................. 500.00
On motion of Mr. Harewood, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One Eaton model D.G. absorption dynamometer, water cooled, eddy-current type, 1200/1450 r.p.m. complete, plus scale checking arms, electronic control, automatic water control valve, chronotachometer, tachometer drive, and special operator's panel | Agricultural Engineering | Dynamic Division, Eaton Manufacturing Co., Riverside | $14 224 00 f.o.b. Urbana

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One model WF17 16mm. Fastax camera, 100 ft. capacity, with 50mm. f/2.0 Raptar lens for motion pictures and 50mm. f/2.0 Raptar oscillographic taking lens, viewfinder, reflex finder, timing light, cut-off switch, case, cords, plugs, WF 142-13mm. f/1.8 lens and WF 155-40 power magnifying microscope eyepiece | Administration | General Atomic Division, General Dynamics Corp., San Diego, Calif. | $1 500 00 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One movable boral-sheet curtain system for use in the thermal column of the TRIGA Mark II training and research reactor | Physiology (Medicine) | Nuclear-Chicago Corp., Des Plaines | $2 850 00 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One automatic sample changer, one printing timer and accessories | Engineering | General Electric Co., Chicago | $3 500 00 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One electrophorator, high-voltage type, for the electrophoretic separation of molecules on paper up to 20,000 volts over migration path of 1 meter | Microbiology | Gibson Medical Electronics, Middleton, Wis. | $4 893 25 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One analyzer, amino acid, for rapid automatic quantitative analysis and recording of data for unknown mixtures of amino acids and related compounds | Microbiology | Beckman Instruments, Inc., Spinco Division, Chicago | $12 684 97 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
Three selected RCA 6810A and four selected RCA 7046 photomultiplier tubes | Physics | Radio Corp. of America, Lancaster, Pa. | $2 582 40 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One Minneapolis-Honeywell model 1108 direct recording Visicorder oscillograph, 24-channel, complete, less galvanometers | Physics | Minneapolis-Honeywell Regulator Co., Peoria | $4 688 75 f.o.b. Urbana

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One induction heating equipment, 10 kw, output, dual frequency power oscillator designed to deliver 250 to 600 K and also 3-5 mc, with multi-turn induction heating coil for specimens 4 in.-6 in. long and .050 in. diameter, 250 volts, 60-cycle | Physics | Factory Standards Laboratory, Inc., Chicago | $5 060 00 f.o.b. Urbana

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One Grass Instrument Co. six-channel, model 5 polygraph recording unit complete with six driver amplifiers, six oscilloscopes, and six preamplifiers | Psychology | Grass Instrument Co., Quincy, Mass. | $3 655 00 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One television model 105-A1 video transmission test signal generator complete with case | Television-Motion Pictures | General Electric Co., Chicago | $3 000 00 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
Three type 5820 RCA image orthicon tubes | Television-Motion Pictures | Baptist Electronic Supply, Chicago | $3 175 20 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
One lot laboratory glassware and supplies | General Chemical Stores | Chicago Apparatus Co., Chicago | $20 452 54 f.o.b. delivered

**Item** | **Department** | **Vendor** | **Cost**
---|---|---|---
Examination books, 8 1/2 in. x 11 in., horizontal ruling, one-third spacing, 16 lb. No. 4 sulphite bond paper stock: 200,000 sixteen-page books; 200,000 eight-page books; 100,000 four-page books | Office Supply Stores | Morton Printing Co., Pontiac | $6 174 00 f.o.b. Urbana
### UNIVERSITY OF ILLINOIS

#### 1959

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Item</th>
<th>Department</th>
<th>Item</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>15,000 lbs. soft white lead paste, federal specifications TT-W-251-B, Type C, in 100 lbs. bags</td>
<td>Physical Plant</td>
<td>26 dozen frankfurter roll pans</td>
<td>Housing Division</td>
<td>26 dozen hamburger roll pans</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fire and extended coverage insurance subject to 80 per cent coinsurance on a five-year prepaid basis covering the Central Food Stores Building at an insurable value of $895,000 and its contents at an insurable value of $210,000 with total estimated premium of $7,731.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>One chromatograph, gas type, silicon and copper columns, sampling valve, liquid sampler, fraction collection system, recorder, for use on 115 volts 60-cycle current</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Microbiology</td>
<td>One spectrophotometer, 200 µm to 2500 µm, monochromator with quartz optics, optical bench, power supply for 110 volts 60 cycle, fluorescent attachment and standard accessories</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>One leak detector, helium, mass spectrometer, type</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>One sniffer kit</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>One sensitivity calibrator</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>750 boxes (eighty pieces per box) Group C asphalt tile 9 x 9 x 3/4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Approximately 945 sheets miscellaneous plywood as required for the period January 1, 1960, through June 30, 1960</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Printing eight issues (26,000 copies each) of Illinois Alumni News</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Printing two issues (95,000 copies each) of Illinois Alumni News</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>$78,971.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>727.00</td>
<td>November 14, 1959</td>
</tr>
<tr>
<td>36,000.00</td>
<td>October 1, 1959</td>
</tr>
<tr>
<td>10,249.00</td>
<td>September 16, 1959</td>
</tr>
<tr>
<td>520,500.00</td>
<td>November 3, 1959</td>
</tr>
<tr>
<td>599,500.00</td>
<td>October 30, 1959</td>
</tr>
</tbody>
</table>

On motion of Mr. Harewood, these purchases were authorized.

### COMPTROLLER'S REPORT OF CONTRACTS

(14) The Comptroller's report of contracts executed during the period November 1 to 30, 1959:
<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States of America Federal Aviation Agency</td>
<td>Lease of 1714 sq. ft. of space on the University of Illinois Airport new tower building</td>
<td>$3,256.60 annually</td>
<td>October 12, 1959</td>
</tr>
<tr>
<td>John Deere Flow Co.</td>
<td>Lease of one No. 10 corn attachment with attaching parts</td>
<td>148.34 annually</td>
<td>October 16, 1959</td>
</tr>
<tr>
<td>Eversman Manufacturing Co.</td>
<td>Lease of one model No. 329D land leveler with attachment, one No. PD6 ditcher and panbreaker</td>
<td>157.47 annually</td>
<td>November 2, 1959</td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>Rental of farm machinery—three items: $49.94 to $551.22</td>
<td>795.81 annually</td>
<td>November, 1959</td>
</tr>
</tbody>
</table>

### Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battle Creek Equipment Co.</td>
<td>Changes induced in various physical fitness measures by dynamic exercisers for conditioning purposes</td>
<td>$1,200.00</td>
<td>September 1, 1959</td>
</tr>
<tr>
<td>Merck &amp; Co., Inc.</td>
<td>Growth stimulants for swine</td>
<td>3,000.00</td>
<td>October 12, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 19(604)-3481</td>
<td>Electromagnetic wave interaction techniques</td>
<td>45,844.93</td>
<td>November 13, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 19(604)-4040</td>
<td>Analysis of severe thunderstorms</td>
<td>40,283.00</td>
<td>September 16, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 33(600)-11519</td>
<td>Concrete strips and slabs reinforced with continuous steel plate</td>
<td>5,000.00</td>
<td>October 2, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-5155</td>
<td>Brittle transition in metals</td>
<td>54,219.00</td>
<td>September 18, 1959</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-63</td>
<td>Transistor-RC network synthesis</td>
<td>21,579.00</td>
<td>October 13, 1959</td>
</tr>
<tr>
<td>United States Army DA-49-007-MD-544</td>
<td>Nutritive value of major nutrients of irradiated food</td>
<td>9,443.00</td>
<td>November 6, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-67-Project No. 2</td>
<td>Nutritional biochemistry on the metabolism of vitamins and amino acids</td>
<td>10,000.00</td>
<td>November 11, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-67-Project No. 12</td>
<td>Metabolism of amino acids labeled with radioactive carbon</td>
<td>5,500.00</td>
<td>November 11, 1959</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-677</td>
<td>Basic research relating to atomic energy</td>
<td>10,000.00</td>
<td>November 11, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(92)</td>
<td>Development of radio wave direction-finding techniques</td>
<td>50,000.00</td>
<td>August 31, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(92)</td>
<td>Properties and kinetics of heat resistant enzymes</td>
<td>37,004.00</td>
<td>October 13, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(15)</td>
<td>Design and development of selected computer components</td>
<td>17,000.00</td>
<td>October 5, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(18)</td>
<td>Variety of topics in number theory</td>
<td>15,398.00</td>
<td>August 15, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(25)</td>
<td>Chemical behavior of subgrain boundaries in metals</td>
<td>15,000.00</td>
<td>August 14, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-1834(26)</td>
<td>Plastic deformation of solids</td>
<td>17,506.00</td>
<td>August 30, 1959</td>
</tr>
<tr>
<td>United States Navy Nonr-2947(01)(X)</td>
<td>Unstable fracture in steels</td>
<td>30,000.00</td>
<td>August 14, 1959</td>
</tr>
<tr>
<td>United States Navy Nobs-73060(1716)</td>
<td>Pressure vessel design with reference to the reinforcement of openings in shells and plates</td>
<td>40,000.00</td>
<td>October 23, 1959</td>
</tr>
</tbody>
</table>

### Adjustments Made in 1959-60 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harry F. Fisher (Plastering)</td>
<td>Nineteen items: $196.73 deduct to $750.00</td>
<td>$1,411.16</td>
<td>October and November, 1959</td>
</tr>
</tbody>
</table>

This report was received for record.
REPORT OF GIFTS AND FUNDS RECEIVED FROM OUTSIDE SOURCES

(15) Following is a report of gifts, grants, and contract funds received by the University from outside sources during the fiscal year July 1, 1958, through June 30, 1959. This report includes funds from private donors and funds received from governmental agencies and covers all payments received during the fiscal year. In many cases a period of several months elapses between the time an offer is received and accepted and final payment is made.

In a number of cases, grants and gifts were previously reported to the Board when the offers were received, and likewise the Comptroller's monthly reports include numerous research contracts for which funds have not been received. These are being included here in order to present a complete report of all funds received from outside sources during the fiscal period.

The contracts have all been properly executed by the Secretary and the Comptroller of the Board. All gifts and grants reported here have been accepted and duly acknowledged by the President or other appropriate University officer with an expression of appreciation on behalf of the University and the Board of Trustees.

Colleges and Schools at Urbana-Champaign

Undergraduate Scholarships, Prizes, and Other Financial Aids

1. The Alcoa Foundation, Pittsburgh, Pennsylvania: two scholarships in ceramic engineering, academic year 1959-60........... $625 00
2. Mr. Robert Allerton, Kola, Kauai, Hawaii: continuation of Allerton American Traveling Scholarships in Architecture........ 800 00
3. The Allstate Foundation, Skokie, Illinois: scholarships and expenses for extramural classes for driver education teachers conducted by the Extension Division............................. 2500 00
5. American Society for Metals Foundation for Education and Research, Cleveland, Ohio: continuation of scholarship in metallurgical engineering, academic year 1958-59........... 500 00
7. Various donors: for the Howard C. Arnold Memorial Scholarship Fund
      Mrs. Noble Arnold.................................................. $25 00
      Helen C. Christenson........................................... 5 00
      Edna P. McDonald.............................................. 25 00
      E. B. Shuck..................................................... 15 00
      Kathleen C. Zingone........................................... 15 00
8. Mr. F. R. Baier, Chicago: for the Dean Thomas Arkle Clark Memorial Scholarship Fund................................. 500 00
9. Barber-Colman Foundation, Rockford, Illinois: scholarships in engineering.................................................... 4200 00
10. Bendix Products Division: for the Ceramic Engineering Scholarship Fund...................................................... 500 00
11. The California Company, New Orleans, Louisiana: scholarship in geology, academic year 1959-60.......................... 750 00
12. The Campus Chest, a University of Illinois undergraduate fundraising organization: scholarships........................1500 00
13. Carrier Corporation, Syracuse, New York: renewal of scholarship in engineering............................................ 750 00
16. Friends and newspaper colleagues of Donald E. Chamberlain: for the Donald E. Chamberlain Journalism Scholarship........ 2439 60
17. Chemstrand Corporation, Decatur, Alabama: scholarship in chemical engineering, academic year 1958-59.................... 500 00
18. Chicago Farmers: renewal of scholarships in agriculture........ 500 00
19. Mr. Warren E. Compton, St. Louis, Missouri: for the Bertha L. Compton Memorial Scholarship.......................... 50 00
20. Consolidation Coal Company, Library, Pennsylvania: scholarship in chemical engineering, academic year 1959-60............. 500 00
21. Various donors: to the Department of Ceramic Engineering for scholarships......................................................... 3 536 00
22. Corn Products Refining Company, Chicago: scholarships in engineering and physical science, academic year 1958-59........ 2 400 00
23. Corning Glass Works Foundation, Corning, New York: scholarships in ceramic engineering..................................... 250 00
24. Dad's Association of the University of Illinois: scholarships....................................................... 1 500 00
25. George W. Doak Memorial Scholarship Fund: scholarships in vocational agriculture.......................................... 155 00
26. Douglas Aircraft Company, Inc., Santa Monica, California: scholarship for a senior student in aeronautical, electrical, or mechanical engineering, academic year 1959-60........ 750 00
27. The Dow Chemical Company, Midland, Michigan: renewal of scholarship in metallurgy, academic year 1959-60.................. 500 00
28. Federal Land Bank, St. Louis, Missouri: two scholarships ($500 each) in agriculture for freshmen students, academic year 1959-60........ 1 000 00
29. Forrest L. Forsythe, Chicago: for the Robert Wade Forsythe Scholarship, academic year 1959-60............................ 300 00
30. Foundry Educational Foundation, Cleveland, Ohio: scholarships in engineering .......... 1 000 00
31. Fribourg Foundation, Inc., New York, New York: two scholarships ($500 each) in grain marketing, academic year 1958-59........ 1 000 00
32. Fusite Corporation, Cincinnati, Ohio: scholarships in ceramic engineering............................................................. 500 00
33. General Motors Corporation, Detroit, Michigan: scholarship awards under the General Motors College Scholarship Program, academic year 1958-59.............................................. 13 500 00
34. Globe-Union Foundation: for the Ceramic Engineering Scholarship Fund .... 500 00
35. A. P. Green Fire Brick Company: scholarships in ceramic engineering................................................................. 500 00
36. Harshaw Chemical Foundation: for the Ceramic Engineering Scholarship Fund 500 00
37. Illinois Association for the Crippled, Inc., Chicago: scholarship in occupational therapy................................. 500 00
38. Illinois Congress of Parents and Teachers: two scholarships, one for any field of teacher training ($1,000) and one for preparation to teach exceptional children ($2,500)................. 5 500 00
39. Illinois Federation of Women's Clubs, Chicago: scholarships in occupational therapy ............................................. 2 503 18
40. Illinois Mining Institute, Urbana, Illinois: scholarships in mining engineering...................................................... 1 500 00
41. Illinois State Federation of Labor, Chicago: two general scholarships ($500 each).............................................. 1 000 00
43. David Kinley Educational Foundation, Barrington, Illinois: scholarship in the College of Commerce and Business Administration........ 1 500 00
44. Kroger Company, Cincinnati, Ohio: six scholarships ($250 each) in agriculture and home economics.......................... 1 500 00
45. Lions Clubs in the Chicago area: scholarships for students training to teach handicapped children......................... 6 500 00
Central Lions Club, Chicago.......................... $500 00
Logan Square Lions Club, Chicago.................. 500 00
Lakeview Lions Club, Chicago.................. 500 00
Uptown Lions Club, Chicago.................. 500 00
Oak Park Lions Club, Oak Park.................. 500 00
Lyons Lions Club, Lyons.................................................. 500.00
Forest Lions Club, Forest Park................................. 500.00
District I-A Lions International................................. 500.00
District I-B Lions International............................... 250.00
Mayfair Lions Club, Chicago........................................ 250.00
Higgins Norwood Lions Club, Chicago........................... 250.00
Southeast Lions Club, Chicago..................................... 250.00
Berwyn Lions Club, Berwyn........................................ 250.00
North Center Lions Club, Chicago................................. 250.00
Humboldt Park Lions Club, Chicago.............................. 250.00
Morgan Park Lions Club, Chicago................................. 250.00
Lawndale Lions Club, Chicago...................................... 250.00
Riverdale Dolton Lions Club, Riverdale......................... 250.00

The Magnavox Company, Fort Wayne, Indiana: scholarships in engineering, academic year 1958-59.................. 3,000.00

Men's Residence Halls Association of the University of Illinois: to establish a scholarship to be known as the "Calvin S. Sifferd-MRHA Scholarship" to be awarded annually to students who reside in the Men's Residence Halls........................................ 300.00

Mississippi Valley Structural Steel Company, St. Louis, Missouri: scholarships in architectural engineering and civil engineering, academic year 1958-59............................ 1,400.00

Monsanto Chemical Company, St. Louis, Missouri: scholarships in chemical engineering........................................ 500.00

Colonel Robert H. Morse Foundation, Chicago: six scholarships in engineering, academic year 1958-59.......................... 3,000.00

Mother's Association of the University of Illinois: scholarships.. 1,200.00

Motorola, Inc., Chicago: renewal of two scholarships ($500 each) in art, academic years 1958-59 and 1959-60......................... 2,000.00

National Aluminate Corporation, Chicago: scholarships in engineering, academic year 1958-59................................. 1,000.00

National Merit Scholarship Corporation, Evanston, Illinois: scholarships.................................................. 2,600.00

Nonacademic Employees' Council of the University of Illinois, Urbana: scholarship for a son or daughter of a nonacademic employee on the Urbana campus......................... 250.00

Estate of LaVerne Noyes: scholarships............................ 3,124.96

For many years the University has been a beneficiary of the estate of LaVerne Noyes. LaVerne Noyes of Chicago died July 24, 1919. The trust assets have been distributed to the income beneficiaries so that the University now has its share of the principal as well as the income from it. The amount reported here represents the gain in value of the securities turned over to the University.

Old Ben Coal Company, Chicago: two scholarships in mining engineering, academic year 1958-59............................... 1,000.00

Owens-Corning Fiberglas Corporation, Toledo, Ohio: scholarships in engineering, academic year 1958-59............................... 1,500.00

Owens-Illinois Glass Company, Toledo, Ohio: scholarship in engineering, academic year 1958-59............................... 1,850.00

Pennsylvania Glass Sand Corporation, Pittsburgh, Pennsylvania: scholarship in ceramic engineering............................. 750.00

Pi Kappa Lambda Music Fraternity: for the F. B. Stiven Memorial Scholarship in music.................................................. 600.00

Mr. Austin Pickard, Antioch, Illinois: for the Ceramic Engineering Scholarship Fund.................................................. 25.00


Ralston Purina Company, St. Louis, Missouri: scholarship in agriculture, academic year 1958-59................................. 500.00

Rock Island Mother's Association, Rock Island, Illinois: scholarship, academic year 1958-59................................. 150.00

Mr. Harold Ropp: for the Ceramic Engineering Scholarship Fund
67. Estates of Gretchen Johanna Schilling and Paul Charles Schilling. The bequests of these estates were reported to the Board of Trustees on March 11 and May 29, 1958. To be used to aid worthy, indigent students. Since the bequests indicated no other restrictions, the Board authorized placing one-half of the proceeds in an endowment fund, the income to be used for scholarships, and the other half to be used for student loans. This item is the scholarship endowment.

68. The Scully-Jones Foundation, Chicago: scholarships in mechanical and industrial engineering, academic year 1959-60. 300 00

69. Sears-Roebuck Foundation, Chicago: scholarships in agriculture ($3,625) and home economics ($800), academic year 1958-59. 4 425 00

70. Mr. R. K. Sherrill: scholarships in ceramic engineering. 200 00

Annual stipends for five Alfred P. Sloan National Scholars for a two-year period beginning with academic year 1959-60. 3,500 00

72. Square D Company, Detroit, Michigan: two scholarships ($400 each) in engineering. 800 00

73. Student Organizations of the University of Illinois: scholarships. 2,000 00

74. Texaco, Inc., a Delaware Corporation: two scholarships in engineering, academic year 1958-59. 550 00

75. Various donors: to establish the Raymond Torr Memorial Scholarship in Journalism (Mr. Torr was Public Relations Director of the National Fund for Medical Education). 1,610 00

76. Union Carbide Educational Fund, New York, New York: four scholarships each in chemical engineering and mechanical engineering, academic year 1958-59. 3,200 00

77. United States Rubber Company, New York, New York: scholarships, academic year 1959-60. 1,500 00

78. Universal Oil Products Company, Des Plaines: renewal of scholarships in chemical engineering, academic year 1959-60. 1,000 00

79. Various donors: for the Undergraduate Scholarship Fund. 172 79
Chicago Bridge and Iron Company, Chicago: 100 00
Thomas Martin, Seattle, Washington: 25 00
Student Organizations: 47 79

80. Vitreous Steel Products Company: for the Ceramic Engineering Scholarship Fund. 500 00


82. Westinghouse Electric Corporation, Baltimore, Maryland: for the Westinghouse Air Arm scholarship awards, academic year 1958-59. 1,500 00

83. Estate of Colonel Leigh F. J. Zerbee: scholarships in civil engineering and military science (the bequest to the University made in Colonel Zerbee's will was reported to the Board on May 16, 1959). 59,325 63

84. Zeta Tau Alpha Foundation, Evanston, Illinois: for a scholarship in honor of Shirley K. Strout to a woman student in Journalism. 250 00

85. Alschuler Philanthropic Fund, Inc., Chicago: to the Department of Architecture for an award to a student in architecture. 25 00

86. Alfred Benesch and Associates, Chicago: For the A. L. Thomas Award for junior civil engineering students. $1,000 00
For the Ira O. Baker Awards for senior civil engineering students. 1,000 00

87. Edison Electrical Institute, New York, New York: prizes in architecture. 100 00

88. Dr. Arthur L. Ennis, Decatur, Illinois: for the Dr. and Mrs. Arthur L. Ennis Student Loan Fund. 400 00

89. Estate of Mrs. Alma Escher: for the Gertrude Escher Loan Fund (the bequest of Mrs. Alma Escher was reported to the Board on March 11, 1958). 111,480 88
<table>
<thead>
<tr>
<th>No.</th>
<th>Donor/Institution</th>
<th>Purpose/Details</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>90</td>
<td>French Government</td>
<td>to the Department of French to assist outstanding students in their studies of French</td>
<td>200.00</td>
</tr>
<tr>
<td>91</td>
<td>Illinois Citizenship Clearing House</td>
<td>to the Institute of Government and Public Affairs (the Illinois Citizenship Clearing House was established in March, 1956, as a part of the national program to promote the interest of college students and graduates in participation in the activities of political parties of their choice)</td>
<td>2,514.22</td>
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<td>92</td>
<td>Kappa Tau Alpha, national honorary society in journalism</td>
<td>for expenses for an annual journalism banquet</td>
<td>135.00</td>
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<tr>
<td>93</td>
<td>Kivett and Myers and McCallum, Kansas City, Missouri</td>
<td>for an award to a student in architecture</td>
<td>100.00</td>
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<tr>
<td>94</td>
<td>Lawyers Title Insurance Company, Richmond, Virginia</td>
<td>for the Company's annual award to a senior law student for excellence in scholarship</td>
<td>100.00</td>
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<tr>
<td>95</td>
<td>Mrs. Edith B. May, Port Washington, New York</td>
<td>to establish the David T. May Student Loan Fund</td>
<td>4,083.76</td>
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<tr>
<td>96</td>
<td>St. Louis Union Trust Company, St. Louis, Missouri</td>
<td>for the Robert R. Hudelson Student Fund account</td>
<td>150.00</td>
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<tr>
<td>97</td>
<td>Mrs. H. I. Sargent, Portland, Oregon</td>
<td>for the Elsie Anderson Memorial Loan Fund</td>
<td>10.00</td>
</tr>
<tr>
<td>98</td>
<td>Estates of Gretchen Johanna Schilling and Paul Charles Schilling</td>
<td>The bequests of these estates were reported to the Board of Trustees on March 11 and May 29, 1958, to be used to assist worthy, indigent students. Since the bequests indicated no other restrictions, the Board authorized placing one-half of the proceeds in an endowment fund, the income to be used for scholarships, and the other half to be used as student loans. This item is the student loan fund</td>
<td>51,699.76</td>
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<tr>
<td>99</td>
<td>Star Course, University of Illinois</td>
<td>to the School of Music for awards to students participating in its activities</td>
<td>1,000.00</td>
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<tr>
<td>100</td>
<td>Various donors</td>
<td>to the Dean of Women for the Women Students Aid Fund</td>
<td>3,850.41</td>
</tr>
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<td>101</td>
<td>American Accounting Association</td>
<td>to the Department of Accountancy for publishing an academic bulletin</td>
<td>300.00</td>
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<td>102</td>
<td>American Dairy Association of Illinois, Inc., Chicago</td>
<td>to the Department of Agricultural Economics for employment of an information specialist in the Extension Service in the field of dairy marketing</td>
<td>5,000.00</td>
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<tr>
<td>103</td>
<td>American Mathematical Society</td>
<td>to the Department of Mathematics to contribute to the cost of publishing a Journal of Mathematics</td>
<td>2,000.00</td>
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<tr>
<td>104</td>
<td>The Glidden Company, Cleveland, Ohio</td>
<td>to the Department of Chemistry and Chemical Engineering for the Glidden Company Lecture in Chemistry</td>
<td>500.00</td>
</tr>
<tr>
<td>105</td>
<td>Illinois Dairy Products Association, Inc.</td>
<td>to the Department of Dairy Science for a study of the quality factors affecting the marketing of milk and cream for processing</td>
<td>4,565.02</td>
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<td>106</td>
<td>Institute of Life Insurance, New York</td>
<td>for a summer workshop in Education in Family Finance</td>
<td>49,527.34</td>
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<td>107</td>
<td>W. K. Kellogg Foundation, Battle Creek, Michigan</td>
<td>For operating costs of the International Conference of Agricultural Economists</td>
<td>$3,583.34</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For the National Association of Educational Broadcasters in support of educational broadcasting</td>
<td>45,944.00</td>
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<tr>
<td>108</td>
<td>Midwest Television, Inc., Champaign, Illinois</td>
<td>to continue the development of agricultural and consumer-information television programs</td>
<td>3,000.00</td>
</tr>
<tr>
<td>109</td>
<td>Perkins and Will, Chicago</td>
<td>a grant to the Department of Architecture</td>
<td>1,000.00</td>
</tr>
<tr>
<td>110</td>
<td>Westinghouse Educational Foundation, Pittsburgh, Pennsylvania</td>
<td>to the Department of Mining and Metallurgical Engineering for purchase of equipment in connection with a new course in metallurgy developed for electrical engineers</td>
<td>3,000.00</td>
</tr>
</tbody>
</table>
134. The Firestone Tire and Rubber Company, Akron, Ohio: renewal for educational expenses ........................................ 100.00
132. Mr. James Webb Young: to establish the James Webb Young Education in Advertising Fund .................................. 250.00
131. Various donors: for 4-H Club Work ............................................... 3,520.00
129. E. I. Du Pont de Nemours and Company, Wilmington, Delaware MRs .. 10
128. The Dow Chemical Company, Midland, Michigan: renewal of two fellowships in chemistry, academic year 1958-59 .............. 2,000.00
127. Continental Oil Company, Ponca City, Oklahoma: fellowship in chemical engineering, academic year 1958-59 .................... 500.00
126. Convair, San Diego, California: fellowship in electrical engineering, academic year 1958-59 ...................................... 500.00
125. Alfred Benesch and Associates, Chicago: fellowship in civil engineering in honor of Professor Emeritus Thomas C. Shedd ............. 2,000.00
124. American Cyanamid Company, New York: renewal of fellowship in chemistry, academic years 1958-59 and 1959-60 ........... 5,536.00
123. American Dairy Association: fellowship in the Department of Food Technology, academic year 1958-59 ............................. 1,500.00
121. Bendix Aviation Corporation, Detroit, Michigan: renewal of fellowship in engineering, academic year 1958-59 ...................... 3,000.00
120. Abbott Laboratories Fund, North Chicago: renewal of Roger Adams Fellowship in Chemistry, academic year 1950-60 .............. $2,300.00
119. American Cyanamid Company, New York: renewal of fellowship in civil engineering, academic year 1958-59 ........................... 1,500.00
118. Allied Chemical and Dye Corporation ........................................ 5,072.00
117. Barrett Division, New York, New York, renewal of fellowship in chemistry, academic year 1958-59 ............................... $2,536.00
116. Nitrogen Division, Hopewell, Virginia, renewal of fellowship in chemistry, academic year 1958-59 .............................. 2,536.00
114. American Dairy Association: fellowship in the Department of Food Technology, academic year 1958-59 ............................. 1,500.00
112. Bendix Aviation Corporation, Detroit, Michigan: renewal of fellowship in chemistry, academic year 1950-60 ...................... $2,300.00
111. American Cyanamid Company, New York: renewal of fellowship in chemistry, academic years 1958-59 and 1959-60 ........... 5,536.00
110. Barrett Division, New York, New York, renewal of fellowship in chemistry, academic year 1958-59 ............................... $2,536.00
109. Nitrogen Division, Hopewell, Virginia, renewal of fellowship in chemistry, academic year 1958-59 .............................. 2,536.00

Funds for Graduate Fellowships and Research
114. Abbott Laboratories Fund, North Chicago: renewal of Roger Adams Fellowship in Chemistry, academic year 1950-60 .............. $2,300.00
115. Allied Chemical and Dye Corporation ........................................ 5,072.00
117. American Dairy Association: fellowship in the Department of Food Technology, academic year 1958-59 ............................. 1,500.00
118. Automotive Safety Foundation, Washington, D.C.: renewal of fellowship in civil engineering, academic year 1958-59 ............ 2,000.00
119. Bendix Aviation Corporation, Detroit, Michigan: renewal of fellowship in engineering, academic year 1958-59 ...................... 3,000.00
120. Alfred Benesch and Associates, Chicago: fellowship in civil engineering in honor of Professor Emeritus Thomas C. Shedd ............. 2,000.00
121. The California Company, New Orleans, Louisiana: renewal of fellowship in geology, academic year 1958-59 .............................. 3,536.00
122. Campbell Soup Company, Camden, New Jersey: fellowship in plant sciences, academic year 1959-60 ................................... 3,500.00
123. Collins Radio Company, Cedar Rapids, Iowa: fellowship in electrical engineering ......................................................... 1,500.00
124. Consolidation Coal Company, Library, Pennsylvania: fellowship in chemical engineering, academic year 1959-60 .................... 2,450.00
125. Continental Oil Company, Ponca City, Oklahoma: fellowship in mathematics, academic year 1958-59 ................................. 2,500.00
126. Convair, San Diego, California: fellowship in physics, academic year 1958-59 ............................................................... 3,300.00
128. The Dow Chemical Company, Midland, Michigan: renewal of two fellowships in chemistry ($2,500) and chemical engineering ($2,500), academic year 1959-60 ........................................... 5,000.00
129. Drug and Chemical Industries Activities Committee of Illinois: fellowship in chemistry, academic year 1959-60 ...................... 1,000.00
130. E. I. Du Pont de Nemours and Company, Wilmington, Delaware: Postgraduate teaching assistantship in chemistry ............ 10,311.00
131. Eastman Kodak Company, Rochester, New York: fellowship in electrical engineering, academic year 1958-59 ...................... 2,000.00
132. Esso Research and Engineering Company, Linden, New Jersey: renewal of fellowship in civil engineering, academic year 1958-59 ........ 3,950.00
133. Ethyl Corporation, Ferndale, Detroit, Michigan: renewal of fellowship in chemistry and chemical engineering, academic year 1958-59 ........................................................... 2,586.00
134. The Firestone Tire and Rubber Company, Akron, Ohio: renewal of fellowship in chemistry, academic year 1958-59 ................... 2,036.00

Total, Undergraduate Scholarships, Prizes, and Other Financial Aids ........................................................................ $392,849.82

December 16
135. The Ford Foundation, New York, New York: 74,707 00
   Fellowship in psychology: 6,657 00
   Two predoctoral fellowships in business administration: 7,050 00
   Postdoctoral fellowship for a study of the education of
two exceptional children, academic year 1958-59: 15,000 00
   Fellowship-intern program in the College of Engineering: 46,000 00

136. General Electric Educational and Charitable Fund, Schenectady,
    New York: 12,955 00
   Fellowship in economics, academic year 1958-59: 2,030 00
   Fellowship in ceramic engineering, academic year 1958-59: 2,686 00
   Fellowship in chemistry, academic year 1958-59: 2,011 00
   Fellowship in electrical engineering, academic year
   1958-59: 2,636 00
   Fellowship in physics, academic year 1958-59: 2,080 00

137. Grubb-Petersen Advertising Agency, Champaign, Illinois: to the
    Department of Advertising to supplement the income of a graduate
    assistant in advertising: 250 00

138. Hammond Lead Products, Inc., Hammond, Indiana: renewal of
    fellowship in ceramic engineering, academic year 1958-59: 2,000 00

139. Hull House Association: fellowship in the School of Social Work

140. Illinois Clay Products Company, Joliet, Illinois: fellowship in geology,
    academic year 1958-59: 4,000 00

141. Illinois Consumer Finance Association, Chicago: fellowship in
    marketing: 1,000 00

142. Illinois Production Credit Association: fellowship in agricultural
    economics, academic year 1958-59: 3,000 00

143. Inland Steel-Ryerson Foundation, Inc., Chicago: renewal of fellow-
    ship in mining and metallurgical engineering, academic year
    1958-59: 3,600 00

144. International Business Machines Corporation, Poughkeepsie, New
    York: Fellowship in data processing: $2,000 00
    Fellowship in physical chemistry: 2,350 00

    ship in mathematics, academic year 1958-59: 4,000 00

146. Johnson and Johnson, New Brunswick, New Jersey: renewal of
    Roger Adams Fellowship in Organic Chemistry, academic year
    1958-59: 2,300 00

147. Lead Industries Association, New York, New York: two fellowships
    ($3,000 each) in ceramic engineering: 6,000 00

148. Eli Lilly and Company, Indianapolis, Indiana: renewal of fellow-
    ship in chemistry and chemical engineering, academic year 1959-60

149. Linde Air Products Foundation, Cleveland, Ohio: renewal of fellow-
    ship in chemical engineering, academic year 1959-60: 3,000 00

150. Minneapolis-Honeywell Regulator Company, Philadelphia, Pennsyl-
    vania: fellowship in geology, academic year 1959-60: 2,500 00

151. Minnesota Mining and Manufacturing Company, St. Paul, Minne-
    sota: renewal of fellowships in chemistry and chemical engineer-
    ing, academic year 1959-60: 4,000 00

152. Monsanto Chemical Company, St. Louis, Missouri: two fellow-
    ships, one in organic chemistry and one in chemistry (other than
    organic) or chemical engineering ($2,650 each), and a summer
    session fellowship in chemistry ($650): 5,950 00

153. Motorola, Inc., Chicago: renewal of Paul V. Galvin Fellowship in
    electrical engineering, academic year 1958-59: 2,500 00

154. National Distillers and Chemical Corporation, New York, New
    York: two fellowships, one each in chemistry and chemical engineer-
    ing, academic year 1959-60: 4,400 00

155. National Lead Company: 4,400 00
    Titanium Alloy Manufacturing Division, Niagara Falls,
    New York: renewal of fellowship in ceramic engineering,
    academic year 1959-60: $2,000 00
    Baroid Division, Houston, Texas: renewal of fellowship
    in geology, academic year 1959-60: 2,400 00
156. Edward Orton, Jr. Ceramic Foundation, Columbus, Ohio: renewal of two fellowships in ceramic engineering, academic year 1958-59... 3 600 00
157. Owens-Corning Fiberglas Corporation, Newark, Ohio: renewal of fellowship in ceramic engineering, academic year 1958-59... 1 700 00
158. Parke-Davis and Company, Detroit, Michigan: renewal of fellowship in biochemistry, academic year 1959-60... 2 250 00
159. Charles Pfizer and Company, Brooklyn, New York... 11 200 00
Fellowship in organic chemistry, academic year 1959-60. $6 200 00
Fellowship in biochemistry, academic year 1959-60... 5 000 00
160. Phillips Petroleum Company, Bartlesville, Oklahoma: renewal of fellowship in chemistry, academic year 1959-60... 2 500 00
161. The Procter and Gamble Company, Cincinnati, Ohio: renewal of fellowship in chemistry, academic year 1959-60... 3 550 00
162. Radio Corporation of America, New York, New York: renewal of fellowship in electrical engineering, academic year 1958-59... 3 386 00
163. Raymond Concrete Pile Company, New York, New York: the Raymond Concrete Pile Company Fellowship, Memorial to A. E. Cummings, academic year 1958-59... 2 100 00
164. Raytheon Manufacturing Company, Waltham, Massachusetts: fellowship in physics, academic year 1958-59... 2 850 00
165. Research Corporation, New York, New York: renewal of fellowship in biochemistry, academic year 1959-60... 5 000 00
166. The Rockefeller Foundation, New York, New York: fellowship in microbiology... 1 279 00
167. Rohm and Haas Company, Philadelphia, Pennsylvania: renewal of fellowship in chemistry... 3 000 00
168. Shell Companies Foundation, Inc., New York, New York: renewal of fellowship in chemical engineering, academic year 1958-59... 2 426 00
169. Shell Companies Foundation, Inc., New York, New York: renewal of fellowship in geology, academic year 1958-59... 2 736 00
170. Sinclair Research Laboratories, Inc., New York, New York: renewal of fellowship in organic chemistry, academic year 1959-60... 2 500 00
171. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: fellowship in chemistry and chemical engineering, academic year 1959-60... 3 186 00
172. Sperry Gyroscope Company, Great Neck, New York: renewal of fellowship in mechanical engineering, academic year 1959-60... 2 500 00
173. Standard Oil Company of California, San Francisco, California: renewal of fellowship in chemistry, academic year 1959-60... 2 800 00
174. Standard Oil Company, Cleveland, Ohio: renewal of Sohio Fellowship in chemistry and chemical engineering, academic year 1958-59... 2 750 00
175. Standard Oil Foundation, Inc., Chicago: renewal of fellowship in chemistry, academic year 1959-60... 3 000 00
176. Sun Oil Company, Philadelphia, Pennsylvania: fellowship in organic chemistry, academic year 1958-59... 3 336 00
177. Television Shares Management Corporation, Chicago: renewal of fellowship in electrical engineering, academic year 1958-59... 2 000 00
178. Texas Instruments, Inc., Dallas, Texas: renewal of fellowship in physics, academic year 1959-60... 2 666 00
179. Toms River-Cincinnati Chemical Corporation, Cincinnati, Ohio: renewal of fellowship in chemistry, academic year 1958-59... 2 336 00
180. The Toni Company, Chicago: for the Gillette-Toni Fellowship in chemistry and chemical engineering, academic year 1958-59... 4 000 00
181. The Trane Company, LaCrosse, Wisconsin: renewal of fellowship in mechanical engineering, academic year 1959-60... 2 000 00
182. Union Carbide Corporation: renewal of fellowships... 13 872 00
Fellowship in chemistry... $3 300 00
Fellowship in physics... 3 636 00
Fellowship in mining and metallurgical engineering... 3 300 00
Fellowship in chemical engineering... 6 636 00
183. United States Rubber Company, New York, New York: renewal of fellowship in chemistry... 3 300 00
184. United States Steel Foundation, Inc., New York, New York: fellowship in physics... 600 00
185. Universal Match Corporation, St. Louis, Missouri: renewal of fellowship in chemistry, academic year 1958-59 ................................. 2 500 00
186. The Upjohn Company, Kalamazoo, Michigan: fellowship in microbiology, academic year 1959-60 ........................................... 2 670 00
187. Victor Chemical Works, Chicago: renewal of fellowship in chemistry, academic year 1958-59 ...................................................... 2 200 00
188. Westinghouse Educational Foundation, Pittsburgh, Pennsylvania: fellowships in electrical engineering, $3,000 each, academic years 1958-59 and 1959-60 ........................................... 6 000 00
189. Woodrow Wilson National Fellowship Foundation, Princeton, New Jersey .......................................................... 32 000 00
To students genuinely interested in a teaching career for assistance beyond their first year of graduate work $24 000 00
To the Graduate College for strengthening its graduate program .................................................. 8 000 00
190. Zeta Phi Eta: fellowship in speech .................................................. 600 00
191. Abbott Laboratories, North Chicago: to the Department of Animal Science for studies on arsanicilic acid and erythromycin in swine 1 500 00
To the Department of Agronomy for a study of mobility and transformation of nitrogen compounds in soils and the efficiencies of the nitrogen compounds in crop production $ 2 500 00
To the Department of Animal Science for a study of ruminant nutrition .................................................. 2 500 00
192. American Cyanamid Company, Stamford, Connecticut: to the Department of Agricultural Engineering for a study of farm structures ........................................... 2 500 00
193. American Chemical Society, Washington, D.C .............................. 23 075 00
To the Department of Chemistry and Chemical Engineering for research on the effects of angle-strain $ 5 825 00
To the Department of Chemistry and Chemical Engineering for nuclear magnetic and electron spin resonance studies of hydrocarbons .................................................. 17 250 00
194. American Cyanamid Company, Stamford, Connecticut .......................... 4 000 00
To the Department of Botany for a study of plant tumors incited by virus (E4 and E4A) $12 647 00
To the Department of Microbiology for a study of viruses (E32 and E59A) .................................................. 18 632 24
To the Department of Zoology for a study of the action of nucleoprotein particles known as tumor agents and their similar counterparts sometimes called microsomes. 3 153 00
195. American Dairy Association ........................................... 8 500 00
To the Department of Food Technology for a cooperative study on the effect of milk protein to milk fat ration on fat utilization $ 2 500 00
To the Department of Food Technology to study the antiatherogenic effect of butterfat 6 000 00
196. American Farm Research Association: to the Department of Agronomy for a study of the chemistry of urea as a source of nitrogen in soils 2 000 00
197. American Food Laboratories, Brooklyn, New York: to the Department of Food Technology for a study of liquid stabilizers in high temperature processing of ice cream mixes 2 250 00
<p>| 200. | American Foundation for the Blind, Inc., New York: for tests involving speed of perception and efficiency of conceptualization on the basis of tactual stimulation. | $12,382.00 |
| 201. | American Steel Foundries Foundation, Chicago: to the Department of Mechanical Engineering for cast metals education. | $250.00 |
| 203. | An investigation of continuous reinforced concrete beams failing in shear. A study of welded wire fabric. | $14,000.00; $17,000.00 |
| 204. | American Potash Institute, Inc.: to the Department of Agronomy for a study of requirements for and biochemical function of potassium by crop plants. | $2,500.00 |
| 205. | American Society of Heating and Air Conditioning Engineers, Inc., New York, New York: to the Department of Mechanical Engineering for research on hot water venting. | $800.00 |
| 206. | American Society of Landscape Architects Committee on Research: to the Department of City Planning and Landscape Architecture for a study of the status of research relevant to the field of landscape architecture for guidance and preparation of research performance. | $1,110.00 |
| 207. | Archer-Daniels-Midland Foundation, Minneapolis, Minnesota: to the Department of Food Technology for studies on fats and oils. | $500.00 |
| 208. | To the Department of Animal Science for studies in the field of animal nutrition. To the Department of Animal Science for studies on the metabolism of labeled Dynafac. To the Department of Food Technology for a study of the factors which affect the stability of highly unsaturated fatty acids. | $4,000.00; $1,000.00; $6,000.00 |
| 209. | Association of American Railroads: to the Department of Civil Engineering. | $9,500.00 |
| 210. | A study of load distribution. A study of roadbed stabilization. A study of the performance of filter material in subdrains. | $6,000.00; $500.00; $3,000.00 |
| 211. | The Babcock and Wilcox Company, New York, New York: to the College of Engineering for engineering and technical education. | $1,400.00 |
| 210. | Battle Creek Equipment Company: to the Department of Physical Education for Men for a study of trim machines. | $1,200.00 |
| 211. | Bendix Aviation Corporation, South Bend, Indiana: to the Department of Ceramic Engineering for a study of thermal diffusivity and elastic moduli of ceramic-metal combinations at elevated temperatures. | $10,740.12 |
| 212. | Boeing Airplane Company: to the Department of Electrical Engineering for research on antennas. | $15,140.99 |
| 213. | The California Company, New Orleans, Louisiana: to the Department of Civil Engineering for fundamental research. | $750.00 |
| 214. | California Spray-Chemical Corporation: to the Department of Plant Pathology for a study on diseases of apples and grapes. | $300.00 |
| 215. | Cargill Foundation, Minneapolis, Minnesota: to the Department of Agronomy for studies on rock phosphates. | $750.00 |
| 216. | Carnegie Corporation, New York: to the Department of Mathematics. Development of new high school mathematics program.$141,900.00 Development of new elementary school arithmetic program. | $209,450.00; $67,550.00 |
| 217. | Chicago Association of Commerce and Industry and the Illinois Division of Industrial Planning and Development: to the Department of Geography for a study of Chicago Industrial Expansion. | $3,925.00 |</p>
<table>
<thead>
<tr>
<th>Grant Number</th>
<th>Grant Title</th>
<th>Recipient</th>
<th>Department</th>
<th>Project Details</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>218</td>
<td>Commercial Solvents Corporation: to the Department of Animal Science for a study of vitamins and growth factors in swine nutrition</td>
<td>Commercial Solvents Corporation</td>
<td>Department of Animal Science</td>
<td>Research on vitamins and growth factors in swine nutrition</td>
<td>3,000.00</td>
</tr>
<tr>
<td>219</td>
<td>Commonwealth Edison Company, Chicago: to the College of Agriculture for studies on advancing the efficient, safe, and economic use of electricity on Illinois farms</td>
<td>Commonwealth Edison Company</td>
<td>Department of Agriculture</td>
<td>Research on electricity use in agriculture</td>
<td>3,500.00</td>
</tr>
<tr>
<td>220</td>
<td>Consolidated Electrodynamics Corporation, Pasadena, California: to the Department of Ceramic Engineering for research in the area of hermetic seals and electrical properties of special glasses</td>
<td>Consolidated Electrodynamics Corporation</td>
<td>Department of Ceramic Engineering</td>
<td>Research on hermetic seals and electrical properties</td>
<td>3,500.00</td>
</tr>
<tr>
<td>221</td>
<td>Consumers Union, Mt. Vernon, New York: to the Bureau of Economic and Business Research for conducting three monthly surveys of Consumers' membership</td>
<td>Consumers Union</td>
<td>Bureau of Economic and Business Research</td>
<td>Conducting monthly surveys</td>
<td>2,781.00</td>
</tr>
<tr>
<td>222</td>
<td>Container Corporation of America, Chicago: to the Department of Art for work in the area of product design</td>
<td>Container Corporation of America</td>
<td>Department of Art</td>
<td>Work in product design</td>
<td>500.00</td>
</tr>
<tr>
<td>223</td>
<td>Various donors: to the University High School for research in non-verbal awareness, using animals</td>
<td>Various donors</td>
<td>University High School</td>
<td>Research on non-verbal awareness</td>
<td>1,000.00</td>
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<tr>
<td>224</td>
<td>Corn Industries Research Foundation, Inc., Washington, D.C.: to the Department of Food Technology for studies on use of corn products coating for control of shrink on red meat during cooling and storage</td>
<td>Corn Industries Research Foundation</td>
<td>Department of Food Technology</td>
<td>Research on corn products coating</td>
<td>6,354.00</td>
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<tr>
<td>225</td>
<td>Corn Products Refining Company, Chicago: to the Department of Animal Science for a study of carbohydrates and unidentified growth factors for the baby pig</td>
<td>Corn Products Refining Company</td>
<td>Department of Animal Science</td>
<td>Research on carbohydrates and growth factors</td>
<td>1,500.00</td>
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<tr>
<td>226</td>
<td>Creole Petroleum Corporation, New York, New York: to the Department of Civil Engineering for research in soil mechanics</td>
<td>Creole Petroleum Corporation</td>
<td>Department of Civil Engineering</td>
<td>Research in soil mechanics</td>
<td>13,000.00</td>
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<tr>
<td>227</td>
<td>Crop-Hail Insurance Actuarial Association: to the State Water Survey for a study of hail storms</td>
<td>Crop-Hail Insurance Actuarial Association</td>
<td>State Water Survey</td>
<td>Research on hail storms</td>
<td>10,000.00</td>
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<td>228</td>
<td>Curtiss Improved Stud Service, Inc., Cary, Illinois: to the Department of Dairy Science for studies in artificial insemination</td>
<td>Curtiss Improved Stud Service</td>
<td>Department of Dairy Science</td>
<td>Research on artificial insemination</td>
<td>2,500.00</td>
</tr>
<tr>
<td>229</td>
<td>Davison Chemical Company: to the Department of Agronomy for field evaluations of monodicalcium phosphate</td>
<td>Davison Chemical Company</td>
<td>Department of Agronomy</td>
<td>Field evaluations of monodicalcium phosphate</td>
<td>1,000.00</td>
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<tr>
<td>230</td>
<td>DeLaval Separator Company, Chicago: to the Department of Food Technology for studies on ice cream mix</td>
<td>DeLaval Separator Company</td>
<td>Department of Food Technology</td>
<td>Research on ice cream mix</td>
<td>500.00</td>
</tr>
<tr>
<td>231</td>
<td>E. I. Du Pont de Nemours and Company, Wilmington, Delaware: to the Department of Chemistry and Chemical Engineering for fundamental research</td>
<td>E. I. Du Pont de Nemours and Company</td>
<td>Department of Chemistry and Chemical Engineering</td>
<td>Fundamental research</td>
<td>20,000.00</td>
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<tr>
<td>232</td>
<td>The Engineering Foundation: to the Department of Civil Engineering for studies of alloy steels, fatigue data, and structural joints</td>
<td>The Engineering Foundation</td>
<td>Department of Civil Engineering</td>
<td>Research on alloy steels and structural joints</td>
<td>26,750.00</td>
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<td>233</td>
<td>Exercycle Corporation: to the Department of Physical Education for Men for research</td>
<td>Exercycle Corporation</td>
<td>Department of Physical Education</td>
<td>Research on physical education</td>
<td>2,500.00</td>
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<tr>
<td>234</td>
<td>The Farm Foundation: to the Department of Agricultural Economics to conduct the legal economics symposium</td>
<td>The Farm Foundation</td>
<td>Department of Agricultural Economics</td>
<td>Legal economics symposium</td>
<td>234.76</td>
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<td>235</td>
<td>Flint, Eaton, and Company: to the Department of Physiology for research on iron metabolism</td>
<td>Flint, Eaton, and Company</td>
<td>Department of Physiology</td>
<td>Research on iron metabolism</td>
<td>2,610.50</td>
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<tr>
<td>236</td>
<td>The Ford Foundation, New York, New York: to the Department of Sociology for research on the effectiveness of the federal correctional system</td>
<td>The Ford Foundation</td>
<td>Department of Sociology</td>
<td>Research on correctional systems</td>
<td>73,485.00</td>
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<tr>
<td>237</td>
<td>To the Bureau of Economic and Business Research for a study of family savings</td>
<td>Bureau of Economic and Business Research</td>
<td>Department of Sociology</td>
<td>Research on family savings</td>
<td>35,000.00</td>
</tr>
<tr>
<td>238</td>
<td>To the University Press for the support of scholarly publications in the humanities and the social sciences</td>
<td>University Press</td>
<td>Department of Sociology</td>
<td>Support for scholarly publications</td>
<td>5,600.00</td>
</tr>
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1116  BOARD OF TRUSTEES  [December 16

<table>
<thead>
<tr>
<th>Number</th>
<th>Organization</th>
<th>Department Funded</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>239.</td>
<td>Foundry Educational Foundation</td>
<td>Department of Mechanical Engineering</td>
<td>Fundamental research</td>
<td>250 00</td>
</tr>
<tr>
<td>240.</td>
<td>Granite City Steel Company</td>
<td>Department of Agricultural Engineering</td>
<td>Study of methods for providing optimum environment for sows and pigs under farm farrowing conditions</td>
<td>2 500 00</td>
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<tr>
<td>241.</td>
<td>The Greater Joliet Committee, Inc.</td>
<td>Department of Architecture</td>
<td>Study for the redevelopment of Joliet's central business district</td>
<td>1 000 00</td>
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<td>242.</td>
<td>Griffin Wheel Company</td>
<td>Department of Ceramic Engineering</td>
<td>Steel casting refractories</td>
<td>22 202 32</td>
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<td>243.</td>
<td>L. S. Heath and Sons, Inc.</td>
<td>Department of Marketing</td>
<td>Class study project</td>
<td>400 00</td>
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<tr>
<td>244.</td>
<td>Hercules Powder Company, Inc.</td>
<td>Department of Chemistry and Chemical Engineering</td>
<td>Teaching and research requirements</td>
<td>4 000 00</td>
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<tr>
<td>245.</td>
<td>Hoffman-La Roche, Inc.</td>
<td>Department of Animal Science</td>
<td>Biotin metabolism</td>
<td>3 418 00</td>
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<tr>
<td>247.</td>
<td>Illinois Curriculum Program, Inc.</td>
<td>College of Education</td>
<td>Staff Utilization Program</td>
<td>4 000 00</td>
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<tr>
<td>248.</td>
<td>Illinois Dairy Products Association, Inc.</td>
<td>Department of Dairy Science</td>
<td>Cream quality research</td>
<td>6 214 48</td>
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<tr>
<td>249.</td>
<td>Illinois Farm Supply Company</td>
<td>Department of Agricultural Engineering</td>
<td>Tractor maintenance</td>
<td>1 000 00</td>
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<tr>
<td>250.</td>
<td>Illinois Heart Association</td>
<td>Department of Food Technology</td>
<td>Dietary cholesterol</td>
<td>8 000 00</td>
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<tr>
<td>251.</td>
<td>Illinois Liquid Fertilizer Association</td>
<td>Department of Agronomy</td>
<td>Study of liquid and dry fertilizers in field trials</td>
<td>500 00</td>
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<tr>
<td>252.</td>
<td>Illinois Seed Producers Association, Inc.</td>
<td>Department of Agronomy</td>
<td>Corn research</td>
<td>9 000 00</td>
</tr>
<tr>
<td>253.</td>
<td>Illinois State Turkey Growers Association, Inc</td>
<td>Department of Veterinary Research</td>
<td>Study of diseases of turkeys</td>
<td>1 436 50</td>
</tr>
<tr>
<td>254.</td>
<td>Institute of Boiler and Radiator Manufacturers</td>
<td>Department of Mechanical Engineering</td>
<td>Steam and water heating</td>
<td>35 500 00</td>
</tr>
<tr>
<td>255.</td>
<td>International Minerals and Chemical Corporation of Chicago</td>
<td>Department of Food Technology</td>
<td>Purchase of equipment needed in research and teaching</td>
<td>135 00</td>
</tr>
<tr>
<td>256.</td>
<td>Iowa State University, Ames, Iowa</td>
<td>Department of Electrical Engineering</td>
<td>Research</td>
<td>8 112 00</td>
</tr>
<tr>
<td>257.</td>
<td>State University of Iowa, Iowa City, Iowa</td>
<td>Department of Electrical Engineering</td>
<td>Research being done in the Biophysical Research Laboratory</td>
<td>14 800 00</td>
</tr>
<tr>
<td>258.</td>
<td>Kewanee Machinery and Conveyor Company</td>
<td>Department of Agricultural Engineering</td>
<td>Elevators for filling vertical silos</td>
<td>1 500 00</td>
</tr>
<tr>
<td>259.</td>
<td>Kretschmer Wheat Germ Corporation, Carrollton, Michigan</td>
<td>College of Physical Education</td>
<td>Wheat germ oil research</td>
<td>5 400 00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Department of Food Technology</td>
<td>Studies on fats and oils</td>
<td>4 000 00</td>
</tr>
</tbody>
</table>
260. Kinney and Company, Inc.: to the Department of Physiology for research on iron metabolism ........................................ 2 610 50
261. Lumber Dealers Research Council: to the Small Homes Council-Building Research Council for research on roof panels ........ 2 132 76
262. Malting Barley Improvement Association, Milwaukee, Wisconsin: to the Department of Agronomy for barley variety testing .... 300 00
263. McDonnell Aircraft Corporation: to the Department of Civil Engineering for research ........................................ 16 992 00
264. Mayflower Warehousemen's Association, Indianapolis, Indiana: to the Bureau of Business Management for a study of salesmen compensation plans ........................................ 3 450 00
265. Merck and Company, Inc., Rahway, New Jersey ........................................ 5 000 00
To the Department of Animal Science for studies on unidentified factors in nutrition ........................................ $ 2 000 00
To the Department of Animal Science for a study of growth stimulants in swine ........................................ 3 000 00
266. Metropolitan Sanitary District of Greater Chicago: to the Department of Agronomy for a field study of the substitution value of sludge for nitrogen and phosphorous ........................................ 8 000 00
267. Midwest Agricultural Limestone Institute: to the Department of Agronomy for a study of soil management .................. 500 00
268. Midwest Dried Milk Company, Dundee, Illinois: to the Department of Animal Science for whey evaluation .................. 2 600 00
269. Midwest Pharmaceutical Advertising Club, Chicago: to the Department of Marketing for employment of a research assistant ... 1 500 00
270. Mr. C. Philip Miller, Chicago: to add to the Sinnissippi Forest Trust Fund in support of forestry research ...................... 2 850 48
271. Mink Farmers' Research Foundation, Inc., Milwaukee, Wisconsin: to the College of Veterinary Medicine for studies on virus enteritis in mink ........................................ 5 500 00
272. Monsanto Chemical Company, St. Louis, Missouri: to the Department of Plant Pathology for studies on the fungicidal action of chemical compounds ........................................ $ 500 00
To the Department of Agronomy for studies of the herbicidal action of chemical compounds .......................... 2 000 00
273. Moorman Manufacturing Company: to the Department of Animal Science for studies of poultry nutrition and pig rations ........ 5 200 00
274. Mark L. Morris Animal Foundation: to the Department of Veterinary Research for a study of lead poisoning in the dog ...... 2 875 00
275. Muscular Dystrophy Association of America, Inc.: to the Department of Animal Science for research .......................... 6 750 00
276. National Academy of Sciences: to the Department of Animal Science for research ........................................ 382 83
277. National Association of Secondary School Principals: to the University High School for experimental work in teaching of biology, French, and chemistry ........................................ $10 000 00
To the College of Education for secretarial assistance in the Staff Utilization Program ........................................ 1 571 52
278. National Lead Company: to the Department of Chemistry and Chemical Engineering for research .......................... 6 182 00
279. National Lime Association, Washington, D.C.: to the Department of Geology to study by X-ray diffraction and other methods the reactions in the clay mineral and other mineral components of various types of soils when treated with lime for the purpose of stabilization for road surfaces ........................................ 6 500 00
280. National Livestock and Meat Board: To the Department of Food Technology for a study of biological utilization of fatty acid isomers ........................................ 8 500 00
281. Division of National Missions of the Board of Missions of the Methodist Church of Philadelphia, Pennsylvania: an assistantship in rural sociology ........................................ 2 500 00
To the Department of Animal Science for studies on biotin: $4,550.00
To the Radiocarbon Laboratory, Graduate College, for research on radioactive Vitamin A: $6,752.00
283. National Warm Air Heating and Air Conditioning Association: to the Department of Mechanical Engineering for a study of heating, ventilating, and air conditioning as related to warm air furnace heating: $38,612.04
284. Naugatuck Chemical Company, Naugatuck, Connecticut: to the Department of Agronomy for studies on weed research: $2,000.00
286. Paraffin Research Council: to the Department of Food Technology for research on ice cream cartons: $500.00
287. Charles Pfizer and Company, Inc., Brooklyn, New York: to the Department of Animal Science for a study of vitamins in swine nutrition: $2,000.00
To the Department of Chemistry and Chemical Engineering for research on steroids: $7,327.00
288. The Procter and Gamble Company, Cincinnati, Ohio: to the Department of Chemistry and Chemical Engineering for studies of egg yolk lipids ($6,000) and wheat lipids ($6,000): $12,000.00
289. Portland Cement Association: to the Department of Agricultural Engineering for a study of lightweight reinforced concrete rigid frames for farm structures: $2,500.00
290. Pure Milk Association, Chicago: to the Department of Agricultural Economics for studies of the milk market in northern Illinois: $1,000.00
291. Quaker Oats Company, Chicago: to the Department of Agronomy for a study of oat hybrids: $2,000.00
292. Village of Rantoul: to the Bureau of Business Management for a study of fiscal and control system of an incorporated village providing municipal services and operating the public utilities for water and water-conditioning and electric power: $4,000.00
293. Refrigeration Research Foundation, Chicago: to the Department of Food Technology for studies on the effects of refrigerated storage on properties of dairy products: $4,000.00
294. Joseph and Helen Regenstein Foundation, Chicago: to the State Natural History Survey for research in agriculture: $2,500.00
295. Reinforced Concrete Research Council: to the Department of Civil Engineering for a study of floor slabs: $37,500.00
To the Department of Theoretical and Applied Mechanics for a study of slab columns: $7,500.00
296. Research Corporation, New York, New York: to the Department of Chemistry and Chemical Engineering: $9,990.18
A study of metal halide addition compounds: $6,500.00
A study of planar triphenylmethyl radicals and carbonium ions: $2,500.00
Support of research on synthesis of electronically unstable organic structures protected by large substituents: cyclopropanone and cyclopentadienone: $3,000.00
A study of photochemical reactions in biological systems: $3,849.18
297. The Rockefeller Foundation, New York, New York: $60,339.24
To the Department of Entomology for research: $24,088.54
To the Department of Chemistry and Chemical Engineering for research in the division of biochemistry: $10,000.00
To the Department of Agronomy for research on maize polyploids: $8,971.89
To the Department of Dairy Science for research: $17,278.81
298. Rohm and Haas Company, Philadelphia, Pennsylvania: $5,600.00
To the Department of Plant Pathology for studies on
fungicides for fruit diseases ........................................ $ 600 00
To the Department of Chemistry and Chemical Engineering for research ........................................ 5 000 00

299. Royal McBee Corporation: to the College of Education for a study of elementary typing ..................... 6 922 20
300. Shell Chemical Corporation: to the State Natural History Survey for research on insecticides .............. 2 500 00
301. Alfred P. Sloan Foundation, Inc., New York, New York: to the Department of Chemistry and Chemical Engineering for research ........................................ $48 000 00
To the Department of Physics for research .................... 57 700 00
302. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: to the Department of Veterinary Research for a study of nematicidal compounds ........................................ 6 000 00
303. Socony Mobil Oil Company, Inc., Paulsboro, New Jersey: to the Department of Chemistry and Chemical Engineering for research on metal coordination complexes ........................................ 4 000 00
304. Soft Phosphate Research Institute, Ocala, Florida: to the Department of Animal Science for a study of phosphate in swine nutrition ........................................ 1 000 00
305. Southern Illinois Breeding Association: to the Department of Dairy Science for research in artificial breeding ........................................ 1 835 30
306. Stauffer Chemical Company, Mountain View, California: to the Department of Agronomy for studies on herbicides ........................................ 800 00
307. Stevenson, Jordan, and Harrison, Inc., New York, New York: to the Institute for Mechanical Engineering for an investigation in the development of standard time ........................................ 3 400 00
308. Tee Pak Foundation: to the Department of Food Technology for research on meat deterioration .............. 3 500 00
309. Texaco, Inc., a Delaware corporation: to the Department of Agricultural Engineering for a study on methods and machines for more efficient application of anhydrous ammonia, aqua ammonia, and slurries of dry and liquid nutrients ........................................ $ 3 500 00
To the Department of Agronomy for a study of the toxicity to corn of corrosion inhibitors in nitrogen solutions ........................................ 1 000 00
310. United Cerebral Palsy Research and Educational Foundation: to the Institute for Research on Exceptional Children for a study of revision and restandardization of language ability test for young cerebral palsied children ........................................ 29 619 00
311. United States Industrial Chemicals Company: to the Department of Agronomy for research in soil chemistry ........................................ 3 000 00
312. United States Steel Foundation, Inc., New York, New York: to the Department of Agronomy for research on fertilizers ........................................ 4 500 00
313. The Upjohn Company, Kalamazoo, Michigan: to the Department of Agronomy for studies on new chemicals for the control of crabgrass and other lawn weeds ........................................ $ 1 000 00
To the Department of Plant Pathology for studies on new antibiotics ........................................ 8 000 00
314. Various donors: to the Department of Civil Engineering for research ........................................ 10 000 00
G. and W. H. Carson, Inc. ........................................ $ 4 000 00
Marblehead Lime Company, Chicago ................................ 2 500 00
Pozzolan Products Company, Inc., Chicago .......................... 3 500 00
315. Velsicol Chemical Corporation, Chicago: to the Department of Zoology for research on the toxicology of insecticides ........................................ 2 500 00
316. VioBin Corporation, Monticello, Illinois: to the Department of Animal Science for studies on the function and the metabolism of octacosonal in animal nutrition ........................................ $ 5 300 00
To the Department of Physical Education for Men for research on physical fitness ........................................ 6 000 00
317. Hiram Walker and Sons, Inc.; to the Department of Animal Science for research on nutritive properties of dried distillers' solubles in swine nutrition ($720) and on nutritive value of fermentation products ($1,000) .................................................. 1 720 00

318. Welding Research Council: to the Department of Civil Engineering for research on welding procedure ................................................................................. 5 000 00

319. Wisconsin-Minnesota Cooperative Bull Stud Group, Shawano, Wisconsin: to the Department of Dairy Science for research ........................................ 10 000 00

Total, Funds for Graduate Fellowships and Research ................................ $1 765 684 36

Educational Grants Fund

The Board of Trustees has established this fund and has authorized the President to make assignments from it for nonrecurring educational purposes. The income is from unrestricted grants from business and industrial corporations to the University in recognition of the educational costs involved in accepting fellowships and scholarships, and of the service expense in administration of research grants.

320. From the following:
Campbell Soup Company, Camden, New Jersey ..................... $ 3 500 00
The Commonwealth Fund, New York, New York ..................... 500 00
Carle C. Conway Foundation ........................................... 300 00
Corn Products Refining Company, Chicago ....................... 2 800 00
Cresco Foundation, New York, New York .......................... 500 00
General Electric Educational and Charitable Fund ................ 6 000 00
General Motors Corporation, Detroit, Michigan .................. 1 000 00
The Glidden Company, Cleveland, Ohio ............................ 60 00
The Hunt Foundation, Pittsburgh, Pennsylvania .................. 125 00
International Business Machines Corporation, Poughkeepsie, New York .................... 2 000 00
International Nickel Company, Inc., New York, New York ...... 500 00
Owens-Corning Fiberglas Corporation, Toledo, Ohio ............ 750 00
Owens-Illinois Glass Company, Toledo, Ohio ..................... 450 00
Radio Corporation of America, Princeton, New Jersey .......... 100 00
Rockefeller Foundation, New York, New York .................... 7 000 00

Total, Educational Grants Fund ........................................... $24 665 00

Gifts for Educational and Research Buildings and Facilities

321. Moorman Manufacturing Company, Quincy, Illinois: for buildings, equipment, and other facilities for animal breeding research .................................................. $100 000 00

322. Hiram Walker and Sons, Inc., Detroit, Michigan: Executive Development building project .................................................. 10 000 00

Total, Gifts for Educational and Research Buildings and Facilities ................................................................. $110 000 00

Research Contracts with United States Government

323. Air Force .................................................. $1 296 249 42
324. Army Ordnance ........................................... 245 550 51
325. Army Quartermaster Corps ...................................... 20 005 09
326. Army Signal Corps ........................................ 491 068 68
327. Army Surgeon General ........................................ 83 826 45
328. Atomic Energy Commission .................................... 1 154 945 64
329. Army Institute ............................................ 1 491 25
331. Department of Agriculture ..................................... 66 534 85
332. Department of Health, Education, and Welfare ............. 115 571 68
333. Department of State ......................................... 370 60
334. Engineering Center .......................................... 47 575 00
335. Fifth Army ................................................. 1 200 43
336. International Cooperation Administration .................... 446 498 67
337. National Academy of Sciences ................................... 22 359 18
<table>
<thead>
<tr>
<th>Contracting Agency</th>
<th>Estimated Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Advisory Committee for Aeronautics</td>
<td>10 955 77</td>
</tr>
<tr>
<td>National Science Foundation</td>
<td>3 337 600 67</td>
</tr>
<tr>
<td>Naval Training Center</td>
<td>31 363 29</td>
</tr>
<tr>
<td>Navy Bureau of Ships</td>
<td>251 074 07</td>
</tr>
<tr>
<td>Navy Ordnance</td>
<td>7 506 82</td>
</tr>
<tr>
<td>Office of Naval Research</td>
<td>1 169 814 25</td>
</tr>
<tr>
<td>Office of Vocational Rehabilitation</td>
<td>1 700 00</td>
</tr>
<tr>
<td>Public Health Service</td>
<td>1 098 146 00</td>
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<tr>
<td>Tennessee Valley Authority</td>
<td>2 525 82</td>
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</table>

**Total, Research Contracts with United States Government:** $924 408 83

**Research and Public Service Contracts with State of Illinois Agencies**

<table>
<thead>
<tr>
<th>Agency</th>
<th>Estimated Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Superintendent of Public Instruction</td>
<td>$ 23 196 59</td>
</tr>
<tr>
<td>State Department of Public Welfare</td>
<td>110 520 00</td>
</tr>
<tr>
<td>State Department of Public Works and Buildings, Division of Highways</td>
<td>187 650 00</td>
</tr>
<tr>
<td>State Housing Board</td>
<td>7 000 00</td>
</tr>
<tr>
<td>Department of Registration and Education</td>
<td>49 836 13</td>
</tr>
<tr>
<td>Department of Public Safety</td>
<td>50 669 59</td>
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</tbody>
</table>

**Total, Research and Public Service Contracts with State of Illinois Agencies, Champaign-Urbana:** $128 872 37

**Gifts of Equipment, Library Materials, and Works of Art**

<table>
<thead>
<tr>
<th>Donor and Description</th>
<th>Estimated Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mrs. Helen Sousa Abert, New York, New York:</td>
<td>$3,500</td>
</tr>
<tr>
<td>to the University of Illinois Bands, an antique ship from the trophy collection of her father, John Philip Sousa.</td>
<td></td>
</tr>
<tr>
<td>Mr. and Mrs. Phillip A. Bruno, New York, New York: to the College of Fine and Applied Arts, a contemporary French painting “Composition,” by Pierre Lagage (estimated value $600).</td>
<td></td>
</tr>
<tr>
<td>Carbide and Carbon Chemicals Company, South Charleston, West Virginia: to the Department of Mechanical Engineering, equipment (estimated value $2,205).</td>
<td></td>
</tr>
<tr>
<td>Coleman Company, Wichita, Kansas: to the Department of Recreation, eighteen items of camping equipment (estimated value $140).</td>
<td></td>
</tr>
<tr>
<td>Mr. and Mrs. Herman E. Cooper, New York, New York: to the College of Fine and Applied Arts, a painting “River Landscape with Fisherman,” by Johan Jongkind (estimated value $3,500).</td>
<td></td>
</tr>
<tr>
<td>Mrs. Louise Ewing Dexter, Carmel Valley, California: to the College of Fine and Applied Arts, a portrait of Edmund Dexter by Eastman Johnson (estimated value $3,500).</td>
<td></td>
</tr>
<tr>
<td>Mr. Irving Dilliard, St. Louis, Missouri: to the University Library, an autographed copy of a Mauldin cartoon.</td>
<td></td>
</tr>
<tr>
<td>Dr. Lloyd Morey, Urbana, Illinois: to the School of Music, a collection of pipe organ music.</td>
<td></td>
</tr>
<tr>
<td>Mr. and Mrs. Morrie A. Moss, Memphis, Tennessee: to the College of Fine and Applied Arts, three paintings — “Portrait of Lady Dorothy Godolin,” by Cornels Janssen van Ceulen; “Portrait of a Cavalier,” by Philip de Koninck; and “La Mare aux Fees,” by Narcisse Virgile de la Pena Diaz (estimated values $8,000, $8,000, and $3,750).</td>
<td></td>
</tr>
<tr>
<td>The National Silo Association of Louisville, Kentucky: to the Department of Agricultural Engineering, four farm size upright silos.</td>
<td></td>
</tr>
<tr>
<td>Mr. I. A. Seren, Schiller Park, Illinois: to the Department of Animal Science, a horse.</td>
<td></td>
</tr>
<tr>
<td>The Texas Company, Lawrenceville, Illinois: to the Department of Chemistry and Chemical Engineering, a low-temperature fractionating apparatus.</td>
<td></td>
</tr>
</tbody>
</table>
366. Union Carbide Chemicals Company, South Charleston, West Virginia: to the Department of Mechanical Engineering, equipment (estimated value $515).

367. Motorola, Inc., Chicago: to the Department of Mechanical Engineering, a color Motorola television set (estimated value $700).

368. The Wagner Casting Company, Decatur, Illinois: to the Department of Mechanical Engineering, a Milwaukee swing head molding machine, No. 193-5A (estimated value $1,700).

369. Weston Instruments, Chicago: to the Measurement Program in the College of Engineering, Weston instruments (estimated value $384.60).

Total, Colleges and Schools at Urbana-Champaign...........$11 745 880 38

Chicago Colleges

Scholarships, Prizes, and Other Financial Aids

370. American Foundation for Pharmaceutical Education: scholarships in pharmacy ...........................................$ 400 00

371. Miss Bertha Berkelhammer: for the annual Doctor Ralph C. Berkelhammer Scholarship .................................. 100 00

372. The Ford Hopkins Drug Company: scholarship in pharmacy ................................................................. 400 00

373. Foundry Educational Foundation, Cleveland, Ohio: scholarships in engineering (Chicago Undergraduate Division) ................................................................. 575 00

374. Galler Drug Company: scholarships in pharmacy ................................................................. 800 00

375. Illinois Rexall Club of Riverside, Illinois: two scholarships in pharmacy ................................................................. 400 00

376. Dr. Lester D. Kaplin, an alumnus of the College of Dentistry: prizes to students in the graduating class excelling in dentistry.................................................. 50 00

377. Dr. Felix P. Mooney, Bristol, Pennsylvania: scholarship in medicine, academic year 1958-59 ................................................................. 500 00

378. Sargent's Drug Store: scholarship in pharmacy ................................................................. 400 00

379. The Stineway Drug Company: scholarship in pharmacy ................................................................. 400 00

380. Various donors: to the Michael Henry Streicher Memorial Fund to establish a scholarship in the College of Medicine (the late Dr. Streicher was a member of the faculty of the College of Medicine) 12 050 00

381. Estate of Rachelle S. Yarros: for the Rachelle S. Yarros Scholarship in medicine................................................................. 6 468 00

382. American Medical Educational Foundation: an unrestricted grant to the College of Medicine ................................................................. 9 392 50

383. Anonymous donors: to the Pediatric Drug Fund for the purpose of paying for medication for nephrotic children.................................................. 1 792 00

384. Class of 1944: for student and faculty recreation ................................................................. 150 00

385. Employees of the Federal Reserve Bank of Chicago: to the Respiratory Center for polio patients recreation and rehabilitation ................................................................. 1 500 00

386. Foundry Educational Foundation, Cleveland, Ohio: to the Chicago Undergraduate Division for foundry education ................................................................. 250 00

387. Mrs. Raeene Goldstein: to the Center for Handicapped Children for assistance for children suffering from cerebral palsy ................................................................. 1 500 00

388. Kellogg Foundation, Battle Creek, Michigan: to assist in the development of a teacher-education program in dentistry ................................................................. 36 800 00

389. Dr. Abraham F. Lash, Clinical Professor of Obstetrics and Gynecology: to the Library Gift Fund in memory of Dr. Channing W. Barrett, a former member of the College of Medicine faculty ................................................................. 90 00

390. Florence Manaster Multiple Sclerosis Foundation: for the development of an instructional program in public health ................................................................. 2 000 00

391. National Fund for Medical Education, Inc.: for an educational program in medicine ................................................................. 55 620 00

392. Friends of the late Dr. Alfred A. Schiller: for the Alfred A. Schiller Memorial Lectureship Fund. (Dr. Schiller was Assistant Professor of Physiology in the College of Medicine until his death on April 21, 1955. Income from this fund will be used to bring to the College of Medicine young men to speak to staff and students.
The fund is under the Dean of the College of Medicine; a faculty committee will select the lecturers.)

<table>
<thead>
<tr>
<th>Fund Description</th>
<th>Amount (in $)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund for Occupational Therapy Gift Fund</td>
<td>3,057</td>
</tr>
<tr>
<td>Fund for Orthopaedic Gift Fund</td>
<td>1,610</td>
</tr>
<tr>
<td>Fund for College of Medicine Otolaryngologic Fund for educational expenditures</td>
<td>16,455</td>
</tr>
<tr>
<td>Funds for Fellowships and Research</td>
<td></td>
</tr>
<tr>
<td>Abbott Laboratories, North Chicago: summer session fellowship.</td>
<td>600</td>
</tr>
<tr>
<td>American Cancer Society: fellowship in pharmacology</td>
<td>500</td>
</tr>
<tr>
<td>Samuel Higby Camp Foundation: fellowship in orthopaedic surgery</td>
<td>1,500</td>
</tr>
<tr>
<td>Lederle Laboratories, Pearl River, New York: two summer session fellowships</td>
<td>1,200</td>
</tr>
<tr>
<td>Tobacco Industry Research Committee: fellowship in microbiology</td>
<td>500</td>
</tr>
<tr>
<td>Wallace Laboratories, Inc., New Brunswick, New Jersey: two summer session fellowships</td>
<td>1,200</td>
</tr>
<tr>
<td>Abbott Laboratories, North Chicago: for the purpose of developing experimental programs in the field of cancer</td>
<td>82,437.78</td>
</tr>
<tr>
<td>American Cancer Society, Inc., New York: to the Department of Pharmacology for the study of metabolism of plasma proteins in tumor-bearing rats</td>
<td>25,140</td>
</tr>
<tr>
<td>American Cancer Society, Inc., New York: to the Department of Surgery for the screening of various cancer chemotherapeutic agents by tissue culture to find an effective agent(s) against the patient's own tumor</td>
<td>16,715</td>
</tr>
</tbody>
</table>

Total, Chicago Colleges: $153,045.18
To the Department of Surgery for research on the effect of ablation or inhibition of adrenal glands, hypophysis, and the hypothalamus upon the decreased resistance to experimental tumors ........................................ 9 253 00
To the Department of Surgery for a survey of spontaneous regression of cancer ........................................ 4 020 00
To the Department of Biological Chemistry for studies on the specificity of glycolytic pathway enzymes ............ 9 549 78
To the Department of Pathology for a study of reversibility in experimentally induced carcinoma ......................... 6 616 00
To the Department of Obstetrics and Gynecology to support research in simplification of diagnostic curettage .... 2 644 00

405. American Cyanamid Company, Lederle Laboratories Division: to the Department of Medicine for investigative work in infectious diseases ................................................................. 10 000 00

406. American Medical Association ........................................ 750 00
To the Department of Medicine for an assay of luteinizing hormone in humans ........................................... 500 00
To the Department of Surgery for research in relation to biopsy to pulmonary metastases .............................. 250 00

407. Anonymous donor: to the Department of Otolaryngology for research in audiology ........................................ 10 00

408. Arthritis and Rheumatism Foundation ...................... 13 587 00
To the Department of Medicine for a study of renal lesions through serial kidney biopsies ....................... $1 000 00
To the Department of Medicine for research on purine metabolism ...................................................... 3 587 00
To the Department of Medicine for research in serial kidney biopsies in rheumatic disorders and related conditions .................................................................................................................. 9 000 00

409. Asthmatic Children's Aid ........................................ 8 100 00
To the Department of Medicine for studies in bronchial asthma and pulmonary emphysema .................... $7 500 00
Summer student research assistantship ........................................................................................................ 600 00

410. Mr. Walter Barker, Santa Fe, New Mexico: to the Department of Neurology and Neurological Surgery for research ................................................................................................................. 1 000 00

411. Baxter Laboratories, Inc., Chicago: to the Department of Microbiology for an evaluation of potential chemotherapeutic agents .......................................................... 1 010 00

412. Bristol Laboratories, Inc.: to the Department of Pediatrics for a study of the effect of Kanamycin on urinary tract infections in children ......................................................... 1 700 00

413. Burroughs-Wellcome and Company: to the Department of Preventive Medicine for the evaluation of a new therapeutic agent in migraine headache ........................................ 4 000 00

414. Chicago Heart Association ........................................ 10 000 00
To the Department of Preventive Medicine for research in personality behavior and vasopressor mechanisms, ... 4 500 00
To the Department of Surgery for a study of vascular grafts ........................................................................ 5 500 00

415. University of Chicago: to the Department of Medical Social Service of the College of Medicine ................. 8 483 82

416. Jane Coffin Childs Fund of Yale University: to the Department of Pharmacology for research on interconversion of intermediates of carbohydrate metabolism and amino acids in tumors and other tissues .................................................. 10 000 00

417. Columbia-Geneva Steel, a division of the United States Steel Corporation: to the Department of Pedodontics for a study of tooth development .............................................. 11 150 00

418. John N. Crouse Dental Endowment Fund: to the College of Dentistry for longitudinal studies of the dental health status of young adult males (dental students) ....................... 1 700 00
1959]

Dome Chemicals, Inc., New York: to the Department of Dermatology for research ........................................... 500 00

Downers Grove United Fund: to the Department of Orthopaedics for research in muscle dystrophy and atrophies in the handicapped child .................................................. 700 00

Dr. H. L. Drunasky: to the Department of Surgery Cardiovascular Gift Fund, for research in vascular surgery .......... 500 00

Duke Laboratories, Inc., South Norwalk, Connecticut: to the Department of Dermatology for research .................. 900 00

Easter Seal Research Foundation, National Society for Crippled Children and Adults, Inc.: to the Department of Pediodontics for studies on tooth ring analysis of handicapped children ........ 4 140 00

Dr. Ward Eastman, Peoria, Illinois: to the Department of Surgery for the Ward Eastman and James Hurlbut Gift Fund, for research .............................................................. 100 00

Eaton Laboratories, Norwich, New York: to the Department of Medicine for toxicity and efficacy studies on NF-260 .......................................................... 2 500 00

To the Department of Medicine for a study of antibacterial therapy of infectious diseases .................................. 500 00

Eureka United Fund Appeal: to the Department of Medicine for cardiovascular disease research ................... 1 033 35

Evanston Drama Club: to the Department of Orthopaedic Surgery for research .................................................. 500 00

Geigy Pharmaceuticals, Ardsley, New York: to the Department of Pharmacology for a study on the action of autonomic drugs on the central nervous system .................................. 15 000 00

Mrs. Gerald G. Grant, Glencoe, Illinois: to the Lida Hough Watts Memorial Fund for research in hematology ........ 20 00

Illinois Federation of Women's Clubs: to the Department of Surgery for cancer research ................................. 1 112 28

Illinois Heart Association: to the Department of Medicine for a study on hepatic and myocardial factors in the production of digitalis toxicity ..................................................... 3 000 00

Imperial Chemical Industries Limited, Cheshire, England: to the College of Medicine for research in Neurology-Neurological Surgery-Epilepsy .................................................. 2 520 00

Dr. Brownell R. Jamison, an alumnus of the College of Dentistry: to the Department of Orthodontics for research .... 100 00

Johnson and Johnson, New Brunswick, New Jersey: to the Department of Surgery for the study of the experimental use of pre-digested bovine arteries as vascular grafts .......................... 6 000 00

Dr. Lawrence G. Khedroo, College of Medicine: to the Department of Anatomy for research ............................. 750 00

Miss Grace Kunkel: to the Department of Surgery for the Ruth Kunkel Memorial Fund for cancer research .............. 300 00

Lakeland Foundation, Chicago: to the Department of Clinical Science for a study to attempt to isolate the growth stimulating and inhibiting agents from the liver or intestinal mucosa ........ 13 200 00

Leukemia Research Foundation, Inc.: to the Department of Biological Chemistry for research on phosphonic acid analogs of nucleoside phosphates .............................................. 6 625 00

Dr. Charles Lightfoot, Department of Otolaryngology: for research in audiology .............................................. 261 25

Life Insurance Medical Research Fund: to the Department of Biological Chemistry for a study of the biochemical basis for the difference in virulence of the smooth and matt variants of Group A streptococci ......................................................... 8 250 00

Mr. Allen M. Loeb, Chicago: to the College of Medicine for cardiovascular research ........................................ 2 000 00

Mead Johnson and Company, Evansville, Indiana: to the Department of Pediatrics for a study of aminoaciduria in childhood .... 2 875 00
443. Merck, Sharp, and Dohme Research Laboratories: to the Department of Surgery (Anesthesiology) for an analgesia study........ 3 000 00
444. National Association for Mental Health, Inc.: to the Department of Psychiatry for research on schizophrenia......................... 4 525 00
445. National Foundation for Infantile Paralysis, New York........ 5 609 17 For the operation of the Poliomyelitis Respiratory and Rehabilitation Center ........................................... $42 602 17 To the Department of Preventive Medicine for a urinary mucoprotein study........................................... 14 207 00
446. National Multiple Sclerosis Society: to the Department of Neurology and Neurological Surgery for a study of the role of pyrimidine nucleosides and related substances in lipid and proteolipid metabolism of glia cells and neurons in the living brain at rest and during activity.......................................................... 11 500 00
447. Nephrosis Foundation, Chicago: to the Department of Pediatrics for research on electrophoretic patterns in nephrotic syndrome.... 4 164 00
448. Mr. George S. Oberne: for the Alva M. Oberne Cancer Research Fund.............................................................. 375 00
449. Mrs. Irene Panko, Ottawa, Illinois: for the Mary Lloyd Somatoprosthesis Fund .......................................................... 20 00
450. Charles Pfizer and Company, Brooklyn, New York: to the Department of Biological Chemistry for research on metabolism of glucosamine................................................................. 5 863 00
451. Roanoke (Illinois) Area United Fund........................................ To the Department of Medicine for studies of cardiac contractility in heart disease........................................... $3 500 00
To the Department of Surgery for cancer research.................. 1 200 00
452. Sandoz Pharmaceuticals, Hanover, New Jersey.................... 11 500 00 To the Department of Preventive Medicine for research on clinical evaluation with atropine-like drugs...................... $10 000 00
To the Department of Pharmacology for research.................. 1 500 00
453. Schweppes Foundation, Chicago: to the Department of Surgery for an investigation of the characteristics of human cells recovered from the blood stream when grown in tissue culture........... 5 000 00
454. G. D. Searle and Company, Chicago........................................ 12 050 14 To the Department of Medicine for a study of antiasthmatic drugs ................................................................. $3 800 00
To the Department of Medicine for a study of the metabolic effects of mineralocorticoid antagonists.......................... 8 250 14
455. Smith, Kline, and French Laboratories, Philadelphia, Pennsylvania: to the Department of Surgery (Anesthesiology) for basic research problems................................................................. 1 000 00
456. E. R. Squibb and Company: to the Department of Medicine for a clinical evaluation of Flumethazide............................. 500 00
457. Teagle Foundation, Inc., New York, New York: to the Department of Psychiatry for research on paralysis agitans........ 8 000 00
458. Tuberculosis Institute of Chicago and Cook County: to the Department of Medicine to study the progression of chronic pulmonary fibrosis, emphysema, and bronchiectasis by means of pulmonary function tests................................................................. 6 382 00
459. United Cerebral Palsy Research and Educational Foundation, Inc. To the College of Dentistry for tooth ring analysis in children with cerebral palsy.................................................. $2 500 00
To the Department of Pedodontics for a study of dental treatment of children with cerebral palsy as part of the graduate teaching and research program in pedodontics.................. 2 500 00
460. The Upjohn Company, Kalamazoo, Michigan: to the Department of Surgery for a study of steroids.................................. 6 250 00
461. Various donors: to the College of Medicine for research........ 4 687 19 Anonymous donors ................................................................. $70 00 Community Chest of DeKalb, Illinois................................. 1 617 19
462. Various donors: to the Department of Pediatrics for research... 388 00
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>463</td>
<td>Various donors: to the Department of Surgery for cancer research</td>
<td>$805.00</td>
</tr>
<tr>
<td></td>
<td>Anonymous donors</td>
<td>$50.00</td>
</tr>
<tr>
<td></td>
<td>Mr. Edward Atlas, Chicago</td>
<td>$110.00</td>
</tr>
<tr>
<td></td>
<td>Friends and relatives of Mr. Wallace Furnas</td>
<td>$60.00</td>
</tr>
<tr>
<td></td>
<td>Friends and relatives of Mrs. Pearl R. Kennett</td>
<td>$105.00</td>
</tr>
<tr>
<td></td>
<td>Mrs. Carl A. Sorling, Springfield, Illinois</td>
<td>$100.00</td>
</tr>
<tr>
<td>464</td>
<td>Various donors: to the Department of Surgery for vascular research</td>
<td>$11,959.67</td>
</tr>
<tr>
<td>465</td>
<td>Various donors: to the Department of Surgery's Miscellaneous Donors Fund for research</td>
<td>$2,325.00</td>
</tr>
<tr>
<td></td>
<td>Dr. Harry Brandman</td>
<td>$250.00</td>
</tr>
<tr>
<td></td>
<td>Dr. Warren H. Cole, Department of Surgery</td>
<td>$680.00</td>
</tr>
<tr>
<td></td>
<td>Dr. George Crile, Cleveland, Ohio</td>
<td>$20.00</td>
</tr>
<tr>
<td></td>
<td>Mrs. Florence B. Duffey, Glen Ellyn, Illinois</td>
<td>$150.00</td>
</tr>
<tr>
<td></td>
<td>Dr. O. C. Julian, Department of Surgery</td>
<td>$900.00</td>
</tr>
<tr>
<td></td>
<td>Dr. G. O. McDonald, Department of Surgery</td>
<td>$50.00</td>
</tr>
<tr>
<td></td>
<td>Dr. William Reguardh, Decatur, Illinois</td>
<td>$500.00</td>
</tr>
<tr>
<td>466</td>
<td>Various donors: to the Department of Clinical Science for research</td>
<td>$51.50</td>
</tr>
<tr>
<td>467</td>
<td>Various donors: to the Division of Services for Crippled Children</td>
<td>$56,305.55</td>
</tr>
<tr>
<td>468</td>
<td>Warner-Lambert Research Institute of New Jersey: to the Department of Medicine for an investigation of the drug Colymycin</td>
<td>$2,500.00</td>
</tr>
<tr>
<td>469</td>
<td>Mrs. Howard L. Willett, Chicago: to the Department of Medicine for research on arthritis</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>470</td>
<td>Wilmette United Fund: to the Department of Surgery for cancer research</td>
<td>$4,000.00</td>
</tr>
<tr>
<td></td>
<td>To the Respiratory Center for research and rehabilitation programs</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>471</td>
<td>Winthrop-Stearns, Inc., New York, New York: to the Department of Surgery (Anesthesiology) for research in cardiovascular and respiratory functions during anesthesia</td>
<td>$450.00</td>
</tr>
<tr>
<td>472</td>
<td>Wyeth Laboratories: to the Department of Surgery (Anesthesiology) for basic research problems</td>
<td>$3,500.00</td>
</tr>
<tr>
<td></td>
<td>Total, Funds for Fellowships and Research</td>
<td>$482,975.70</td>
</tr>
</tbody>
</table>

Research Contracts with United States Government:

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>473</td>
<td>Air Force</td>
<td>$2,437.23</td>
</tr>
<tr>
<td>474</td>
<td>Army Chemical Corps</td>
<td>$7,493.45</td>
</tr>
<tr>
<td>475</td>
<td>Army Surgeon General</td>
<td>$75,360.95</td>
</tr>
<tr>
<td>476</td>
<td>Atomic Energy Commission</td>
<td>$44,937.00</td>
</tr>
<tr>
<td>477</td>
<td>National Science Foundation</td>
<td>$30,302.35</td>
</tr>
<tr>
<td>478</td>
<td>Office of Naval Research</td>
<td>$27,191.15</td>
</tr>
<tr>
<td>479</td>
<td>Office of Vocational Rehabilitation</td>
<td>$6,230.00</td>
</tr>
<tr>
<td>480</td>
<td>Public Health Service</td>
<td>$1,515,676.56</td>
</tr>
</tbody>
</table>

Total, Research Contracts with United States Government: $1,709,598.69

Research and Public Service Contracts with State of Illinois Agencies:

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>481</td>
<td>State Department of Public Health</td>
<td>$124,517.36</td>
</tr>
</tbody>
</table>

Gifts of Equipment, Library Materials, and Works of Art:

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>482</td>
<td>Chicago Doll Collector's Club: to the Department of Occupational Therapy, four bedside radios</td>
<td></td>
</tr>
<tr>
<td>483</td>
<td>Employees of the Chicago Business Office: to the Department of Orthopaedics, an electric portable phonograph</td>
<td></td>
</tr>
<tr>
<td>484</td>
<td>Kenilworth Girls Club: to the Pediatrics Ward, two strollers</td>
<td></td>
</tr>
<tr>
<td>485</td>
<td>Doctor Robert B. Lewy: to the Department of Otolaryngology for a self-retaining laryngoscope holder</td>
<td></td>
</tr>
<tr>
<td>486</td>
<td>WLS-Prairie Farmer Station: to the Research and Educational Hospitals, a Colson wheelchair (valued at $100.00) and an emergency oxygen unit (valued at $58.10)</td>
<td></td>
</tr>
</tbody>
</table>

Total: $124,517.36
487. Women's Auxiliary of the Will County Pharmaceutical Association: for the women students' lounge in the College of Pharmacy, a four-drawer letter file (valued at $80).

   Total, Chicago Colleges ............................................. $2,470.130.93

Gifts to the University of Illinois Foundation

488. Illini Achievement Fund ............................................. $148,042.49
489. Other Gifts for Current Purposes ................................... 39,821.34
490. Endowment Funds ..................................................... 60,090.96
491. Gifts for Plant Purposes ............................................. 55,555.57

   Total, Gifts to the University of Illinois Foundation .......... $304,416.36

Summary

Funds from Private Donors

   Total for Urbana-Champaign ........................................ $2,392,599.18
   Total for Chicago Colleges ......................................... 636,620.88
   Total ................................................................. $3,028,620.06

Funds from Contracts with the United States Government

   Total for Urbana-Champaign ........................................ $8,924,409.83
   Total for Chicago Colleges ......................................... 1,709,599.69
   Total ................................................................. $10,634,009.52

Funds from Contracts with State of Illinois Agencies

   Total for Urbana-Champaign ........................................ $428,872.37
   Total for Chicago Colleges ......................................... 124,517.36
   Total ................................................................. $553,389.73

Gifts to the University of Illinois Foundation .......................... $304,416.36

   Grand Total ......................................................... $14,520,433.67

This report was received for record.

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS
ADVISORY COMMITTEE

(16) The Director of the Institute of Labor and Industrial Relations recommends the following appointments to the Institute's Advisory Committee for a term of three years beginning as of September 1, 1959, to fill vacancies.

Management

RAY C. DICKERSON, President, Felmley-Dickerson Company, Urbana, Illinois

Labor relations in the construction industry are old and well established. However, recent legislation will require modifications in established practices. The Institute will be called upon to do more work in this field, and a representative of the construction industry should be on the Advisory Committee. Mr. Dickerson is experienced in the industry in general and in the labor relations of that industry.

L. W. HESSE, Director of Industrial Relations, Keystone Steel and Wire Company, Peoria, Illinois

Mr. Hesse has had broad experience in management functions. He is now in charge of all industrial relations functions in his Company. He would bring experience in breadth and depth to the Committee.

Labor

THOMAS W. BURKE, International Vice-President, Building Service Employees International Union, Chicago, Illinois

Mr. Burke is an international officer of the Building Service Employees International Union. His office is in Chicago. He knows well and supports the extension work of the Institute.

HARRY T. VIREX, Sub-District Director of District 32, United Steelworkers of America, 1228 West Fifth Street, Sterling, Illinois

Mr. Viren is Sub-District Director of District 32, United Steelworkers of America. The Institute carries on many classes and conferences with the Steelworkers union. Mr. Viren knows this work well and is interested in it.
Public

Benjamin C. Willis, Superintendent of Chicago Public Schools, Chicago, Illinois

Mr. Willis has been Superintendent of the Chicago schools system since 1953. Before that he served as Superintendent of the Buffalo, New York, schools and in the Maryland school system. He has indicated interest in industrial relations both as a subject matter for study in the schools and as an administrative matter of major importance.

Russell W. Ballard, Director, Hull House, Chicago, Illinois

Mr. Ballard has been Director of Hull House since 1943. Before that he served as Superintendent of Illinois Training Schools for Boys at St. Charles, Illinois, and as Director of the Lake County, Indiana Welfare Department. While he is not directly involved in industrial relations work, his broad experience in social work provides an excellent resource to be drawn upon for any consideration of the increasing extension of industrial relations into the field of community affairs.

Charles Alsip, Director, Region Five, Federal Mediation and Conciliation Service, Chicago, Illinois

Mr. Alsip has been on the staff of the Federal Mediation and Conciliation Service for eighteen years. For the past five years he has served as Director of Region Five which involves Illinois, Indiana, Wisconsin, Minnesota, Upper Michigan, North Dakota, and South Dakota. He is an experienced government practitioner in the difficult sphere of industrial disputes. He can give valuable advice and counsel to the Institute in both the industrial dispute and public policy areas of our work.

I concur.

On motion of Mr. Johnston, these appointments were approved.

Remodeling of Property at 1201 West Stoughton Street

(17) The Director of the Engineering Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that the property at 1201 West Stoughton Street be improved to provide temporary space for the Department of Mining and Metallurgical Engineering. The remodeling costs, representing deferred maintenance costs, will not exceed $8,000 and can be provided from indirect costs received under contracts for research for which the building will be used.

I concur and recommend that this assignment from indirect costs be approved.

On motion of Mr. Swain, this appropriation was made by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton.

Report of Committee on General Policy on Site Selection for the Chicago Undergraduate Division

Mr. Johnston, for the Committee on General Policy, presented the following report:

Since the receipt of the report by Real Estate Research Corporation in October, 1958, the University of Illinois and its Trustees have done everything within their power to arrive at a firm decision on site selection for the Chicago Undergraduate Division.

In every action, the guiding factors have been (1) to proceed primarily on the basis of the needs of commuting students in the Chicago area for the services of the State University, and (2) to meet a time schedule for increased enrollments, as projected by experts in the field and to relieve an unsatisfactory situation at Navy Pier.

The Real Estate Research Corporation report submitted to the Board of Trustees at its meeting on October 23, 1958, stated that subject to availability and cost, four sites were acceptable. Only one of the four sites—that at Riverside—could be acquired without the cooperation of other agencies. The University and the Trustees accepted this report.

Based on Mayor Richard J. Daley's statement on February 23, 1959, that the
city of Chicago would be willing to defray any extraordinary costs which would arise out of selection of a site within the city of Chicago, the University has worked in full cooperation with the City to proceed with its planning.

Subsequently, the Trustees were advised that Northerly Island, one of the four, could not be made available.

While on other occasions the University and the Trustees have acted favorably toward both the Riverside and Garfield Park locations, the Board has always expressed a willingness to consider the Rail Terminal site, should it meet time, availability, and cost requirements.

However, since no negotiable proposals from either the Rail Terminal Authority or the city of Chicago have been received in regard to the Rail Terminal site, its availability to meet the University's time schedule, or as to its cost, the University has proceeded with its planning for use of the Garfield Park site.

Based on the information which is presently available, the Garfield Park site appears to be the only site on which construction can be completed by the fall of 1963 for occupancy of a new campus and the transfer of the program now being offered at Navy Pier. Even on this site prompt action will be required by the city of Chicago and the Chicago Park District if this time schedule is to be realized.

When the University and the Trustees receive specific information from the city of Chicago or the Rail Terminal Authority concerning the availability and the cost of the Rail Terminal site, such information will be given careful and prompt consideration.

On motion of Mr. Harewood, this report was approved.

REPRESENTATIVES OF MIDWEST COMMUNITY COUNCIL OF CHICAGO

Mr. F. Adrian Robson, Executive Director of the Midwest Community Council, and two other Council representatives, the Reverend Shelvin J. Hall, President of the Council and Pastor of the Friendship Baptist Church, and the Reverend J. Burton Mark, Assistant to the President of Northern Baptist Theological Seminary, Chicago, appeared before the Board and spoke briefly in support of the selection of Garfield Park as a site for the relocation of the Chicago Undergraduate Division.

A TELEGRAM SENT TO GOVERNOR WILLIAM G. STRATTON

A telegram sent to Governor William G. Stratton by Mr. Edward J. Rosewell, representing thirty-nine organizations in Chicago and supporting the Governor's endorsement of Garfield Park site, was read and a copy was filed with the Secretary of the Board.

RECOMMENDATION OF COMMISSION TO VISIT AND EXAMINE STATE INSTITUTIONS

(18) The Subcommittee on Educational Institutions of the Legislative Commission to Visit and Examine State Institutions has made its annual visits to the University at Urbana-Champaign on November 2, and at the Chicago Professional Colleges and the Chicago Undergraduate Division on December 8 and 9, 1959.

Following its visit to the Chicago Undergraduate Division, the Commission adopted the following recommendation which is submitted for record.

Due to the conditions at Navy Pier, we strongly recommend that the Mayor of Chicago, the Chicago Park District, and the Board of Trustees of the University of Illinois take immediate action in the final decision of a site for the Chicago Undergraduate Division of the University of Illinois.

The Committee, on our visit to Navy Pier, feel that a state of acute emergency exists and that definite action must be forthcoming now. On the Committee visit they found that the physical buildings are not water proof and are entirely inadequate. As many as twenty-five professors are compelled to share offices in small rooms with no separating partitions.

It was pointed out to the Committee that the time element is of great importance and because of the anticipated increase in enrollment, a building site must
be selected immediately. We also found that the outstanding faculty is still maintaining a high morale, even though working under adverse conditions. In visiting with the students again the impact of the seriousness of a new site was pointed out to the Committee.

Even if a prompt decision is made on site selection, the earliest possible date that permanent facilities can be ready for the Chicago Undergraduate Division is the fall of 1963. This will result in the occupancy of seventeen years by the Chicago Undergraduate Division in temporary facilities.

This was received for record.

SECRETARY'S REPORTS
The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) cancellation of sabbatical leave of absence.

### APPOINTMENTS MADE BY THE PRESIDENT
(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Term</th>
<th>Salary</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbas, Harlow W.</td>
<td>Consultant in Electrical Engineering (C)</td>
<td>September 1, 1959 - September 1, 1960</td>
<td>$3000 (11-11-59)</td>
<td></td>
</tr>
<tr>
<td>Berry, Carl D., Jr.</td>
<td>Clinical Instructor in Urology, Department of</td>
<td>November 1, 1959 - November 30, 1960</td>
<td>$6000 (11-24-59)</td>
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<tr>
<td>Bitzer, Donald L.</td>
<td>Research Associate in the Coordinated</td>
<td>September 1, 1959 - September 1, 1960</td>
<td>$11,000 (11-30-59)</td>
<td></td>
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<tr>
<td>Brandley, Judith M.</td>
<td>Research Assistant in Chemistry</td>
<td>September 16, 1959 - September 1, 1960</td>
<td>$4460 (11-11-59)</td>
<td></td>
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<tr>
<td>Carter, Frank C.</td>
<td>Clinical Instructor in Medicine (Medicine)</td>
<td>October 1, 1959 - September 1, 1960</td>
<td>$447.50 (11-20-59)</td>
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<tr>
<td>Culbertson, Towley P.</td>
<td>Research Associate in Chemistry</td>
<td>September 1, 1959 - February 15, 1960</td>
<td>$447.50 (11-20-59)</td>
<td></td>
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<tr>
<td>Dharmarajan, Sangaiah</td>
<td>Research Associate in Theoretical and</td>
<td>December 4, 1959 - August 31, 1960</td>
<td>$3750 (11-20-59)</td>
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<tr>
<td>Evans, Frank F.</td>
<td>Clinical Instructor in Psychiatry (Medicine)</td>
<td>October 1, 1959 - September 1, 1960</td>
<td>$516.66 (11-20-59)</td>
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<tr>
<td>Glasky, Alvin J.</td>
<td>Instructor in Biological Chemistry (Medicine)</td>
<td>November 1, 1959 - September 1, 1960</td>
<td>$3000 (11-20-59)</td>
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<tr>
<td>Goldsmith, Henry J.</td>
<td>Research Associate in Medicine (Medicine)</td>
<td>October 1, 1959 - September 1, 1960</td>
<td>$3000 (11-20-59)</td>
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<tr>
<td>Hartsch, Arnold J.</td>
<td>Associate Professor of Foreign Languages</td>
<td>November 1, 1959 - September 1, 1960</td>
<td>$8850 (11-20-59)</td>
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<tr>
<td>Hinds, Frank C.</td>
<td>Research Associate in the Dixon Springs</td>
<td>December 1, 1959 - September 1, 1960</td>
<td>$6850 (11-20-59)</td>
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<tr>
<td>Houser, Thomas S.</td>
<td>Instructor in Radiology (Medicine)</td>
<td>November 15, 1959 - August 31, 1960</td>
<td>$7500 (11-20-59)</td>
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<tr>
<td>Hutchinson, James G.</td>
<td>Research Assistant in Sociology</td>
<td>November 1, 1959 - August 31, 1960</td>
<td>$6000 (11-20-59)</td>
<td></td>
</tr>
<tr>
<td>Jackson, David M.</td>
<td>Associate Professor of Education on indefinite tenure, and Principal of University High School on full time, September 18, 1959 - August 31, 1961, annual salary of $11,150, superseded (11-27-59).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Kien, Gerald A., Instructor in Pharmacology (Medicine), six months from January 1, 1960, $600 a month (11-24-59).

KLAIN, GEORGE, Assistant in Animal Science (S), two months from November 1, 1959, $366.67 a month (11-30-59).

Lewis, John M., Acting Superintendent of Dixon Springs Experiment Station and Assistant Professor of Agricultural Research (S), November 1, 1959-August 31, 1961, $9500 a year; for the convenience of the University he will also be furnished housing, supersedes (11-20-59).

Mackie, John, Research Assistant in Anatomy (Medicine), October 12, 1959-August 31, 1960, $4400 a year (11-20-59).

McCready, Richard E., Research Assistant in the State Water Survey, seven months from December 1, 1959, $500 a month (11-6-59).

Miller, Allen H., Research Associate in Physics (C), December 1, 1959-August 31, 1960, annual salary $6500, supersedes (12-1-59).

Miller, John E., Instructor in Architecture and Art (Chicago Undergraduate Division), 1/2 time, September 1, 1959-February 29, 1960, to render service during the first semester of the academic year, $250 a month (11-20-59).

Minumura, Shigeru, Research Associate in Chemical Engineering (S), one year from December 1, 1959, $6000 (11-6-59).

Morris, Trevor R., Research Associate in Animal Science (Genetics), 1/4 time, one year from October 15, 1959, $1400; this is in addition to his Postdoctoral Fellowship in Animal Science (11-17-59).


Page, David A., Associate Professor of Education (University High School) (College of Education and Graduate College), indefinite tenure from January 1, 1960, $12,000 a year, supersedes (11-24-59).

Perez, Justo J., Assistant in the Division of Anesthesiology, Department of Surgery (Medicine), eight months from November 1, 1959, without salary (11-6-59).

Rhead, Clifton C., Psychiatric Consultant to Health Service (Chicago Professional Colleges), 1/3 time, November 10, 1959-August 31, 1960, $3000 a year; this is in addition to his nonsalaried appointment in the Department of Psychiatry (Medicine) (11-24-59).

Robbins, Eugene F., Research Assistant in the Acromedical and Physical Environment Laboratory (Chicago Professional Colleges), ten months from November 1, 1959, $5000 a year (11-20-59).

Saporta, Jack, Instructor in Psychology, Department of Psychiatry (Medicine), ten months from November 1, 1959, $6000 a year, supersedes (11-20-59).

Schweiker, Jerry W., Instructor in Theoretical and Applied Mechanics (C) 1/2 time, to render service during the second semester of the academic year, March 1-August 31, 1960, $2850 a year, supersedes (11-20-59).

Spaeth, Ralph, Clinical Professor of Pediatrics (Medicine), 33/100 time, indefinite tenure from September 1, 1959, $3000 a year, supersedes (11-27-59).

Squire, James R., Assistant Professor of English (College of Liberal Arts and Sciences) 33/100 time, and Counselor on University Council on Teacher Education (College of Education) 17/100 time, two years from September 1, 1959, to render service during each academic year, $3450 a year, supersedes (11-6-59).

Swarts, Charles L., Clinical Instructor in Pediatrics (Medicine), 1/2 time, ten months from November 1, 1959, $1833 a year (11-24-59).


Terrill, Robert E., Assistant in English (Chicago Undergraduate Division), nine months from September 16, 1959, $4100, supersedes (11-17-59).

Thabet, Samir Khali, Research Associate in Chemistry, 1/2 time, nine months from September 16, 1959, $1500 (11-11-59).

Wend, Robert J., Professor of Agricultural Research and Extension and Adviser to Farm Manager, Tarai State Farm, Rudrapur, U. P. India, November 1, 1959-October 31, 1961, annual salary of $13,200; in addition, allowances and expenses will be paid as provided in the Standardized United States Govern-
ment Civilian Allowance Regulations (Foreign Service) as applied to services in India; and, Superintendent of Dixon Springs Experiment Station and Professor of Agricultural Research and Extension (S and E), indefinite tenure beginning November 1, 1961, annual salary of $12,000; for the convenience of the University he will also be furnished housing, supersedes (11-11-59).

WORKS, ERNEST, Research Associate in Sociology, one year from September 1, 1959, $7000, supersedes (11-11-59).

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)


BOWERS, KENNETH S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1959, $1800 (11-23-59).

CONRAD, H. EDWARD, Postdoctoral Fellow in Chemistry, ten months from September 1, 1959, $7300 a year (11-2-59).


RESignATIONS AND DECLINATIONS

BONTING, SJOERD B., Assistant Professor of Biological Chemistry (Medicine) — resignation effective January 1, 1960.

BURNETT, CAROLYN N., United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective October 1, 1959.

CHANDRASEKHARAPPA, GOWDARA, Assistant in Physical Medicine and Rehabilitation (Medicine) — resignation effective January 1, 1960.

CONRAD, H. EDWARD, Research Associate in Chemistry — resignation effective September 1, 1959.

GERSON, STANLEY J., United States Public Health Service Fellow (Trainee) in Dentistry (Chicago Professional Colleges) — resignation effective September 1, 1959.

GLUCKMAN, ROBERT, Clinical Assistant Professor of Psychiatry (Medicine) — resignation effective September 1, 1959.

JAMNICK, DARKO, Research Associate in Physics (C) — resignation effective December 1, 1959.

MCNAIR, LOUIS M., Instructor in the Institute of Aviation — resignation effective February 1, 1960.

MOSES, MRS. DOROTHY H., Research Assistant in Anatomy (Medicine) — resignation effective December 1, 1959.

WILLIAMS, RAYMONDA, Research Assistant in the Digital Computer Laboratory — declination effective October 1, 1959.

WISE, CATHERINE R., Clinical Instructor in Psychiatry (Medicine) — resignation effective September 1, 1959.

LEAVES OF ABSENCE

CHAPMAN, CARLETON A., Professor of Geology — leave of absence for quarter-time, without pay, from January 4 through March 10, 1960, so that he may accept an invitation from the University of Chicago to give a series of lectures during that period.

GANTT, MARGARET E., Research Associate in Medicine (Medicine) — leave of absence, without pay, from October 8 through November 7, 1959.

HETREED, FRANCIS W., Clinical Associate in Dermatology (Medicine) — leave of absence, without pay, one year from September 1, 1959.

MACRAE, EDITH K., Assistant Professor of Anatomy (Medicine) — leave of absence, without pay, from March 28 through June 11, 1960.

MORGENTHALER, GEORGE W., Associate Professor of Mathematics and Head of the Division (Chicago Undergraduate Division) — leave of absence, without pay, from March 1, 1960, through February 28, 1961.

ROSE, WALTER D., Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C) — leave of absence, without pay, from November 16, 1959, through January 15, 1960.
WEINMANN, JOSEPH P., Professor of Oral Pathology, Head of the Division, and Lecturer of Postgraduate Studies (Dentistry), and Professor of Pathology (Medicine) - leave of absence on account of illness covering the forty-day period of disability prior to the beginning of the current academic year.

CANCELLATION OF SABBATICAL LEAVE OF ABSENCE
McCLURE, LESLIE, Professor of Advertising — sabbatical leave of absence for the second semester of the academic year 1959-60 cancelled, without prejudice.

JANUARY AND FEBRUARY MEETINGS
The Board had previously voted to hold its January meeting at the Chicago Professional Colleges on Wednesday, January 20, 1960. It was the consensus of the Board that this meeting and the meetings of Board committees begin at 9:00 a.m.

On motion of Mrs. Watkins, the Board voted to hold its February meeting in Urbana, Illinois, on February 24, 1960, beginning at 10:00 a.m.

President Williamson called attention to the provisions in the By-Laws that the Board of Trustees shall hold the annual meeting on the second Tuesday of March, unless the date of the meeting be changed by the Board. The By-Laws of the Board of Trustees provide that "all meetings of the Board shall be held at the University at Urbana unless otherwise ordered by vote of the Board or by the President thereof. The members of the Board shall be notified by mail not later than five days previous to any meeting." President Williamson suggested that since the February meeting will be held so late in the month, the Board may wish to consider changing the date of the annual meeting from March 8, the second Tuesday, to a later date. Action on this was deferred.

EXECUTIVE SESSION
At this point, an executive session was requested, and on motion of Mrs. Watkins was so ordered, for consideration of the following business relating to property acquisitions.

PURCHASE OF PROPERTY AT 605 EAST DANIEL STREET
(19) The University's land acquisition program for the next ten years includes the property of the Cosmopolitan Club at 605 East Daniel Street, Champaign, as well as certain other adjacent properties. This consists of a lot 34 by 173 feet and a three-story and basement fourteen-room frame building which for many years has served as a home for student organizations.

The Cosmopolitan Club has offered to sell this property to the University. While there is a difference between the price asked and the evaluation placed on the property by the University, it can probably be resolved through negotiations. The Committee on Buildings and Grounds has voted to recommend acquisition of the property.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize securing an option for a consideration of $1,000 for purchase of this property at a price not to exceed $48,000, the option to run to July 31, 1960, with the provision that the option price will be part of the agreed purchase price if the option is exercised. Securing an option will allow University officials time to continue price negotiations and will prevent further commercial development in the area.

I concur and recommend an assignment of $1,000 from the General Reserve Fund for the purchase of this option.

On motion of Mr. Swain, this recommendation was approved, and the assignment of funds was made by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs.
ACQUISITION OF LAND FOR THE AIRPORT

(20) The Director of the Institute of Aviation and the Vice-President and Comptroller recommend the acquisition of approximately 128 acres of land north of the west portion of the Airport owned by Agnes S. Troutman, A. Russell Troutman, and Mae Troutman at a price of $1,050 an acre, the exact acreage to be determined by a survey to be made at the expense of the sellers. The land is described as:

The East Half of the Northeast fractional Quarter; the East Half of the West Half of the Northeast fractional Quarter; and the East 38.8 acres of the West Half of the Northeast fractional Quarter, excepting, however, the following described premises: Beginning at a point on the South line of said Northeast fractional Quarter 1286.2 feet West of the Southeast Corner of said Northeast fractional Quarter; thence West along said South line a distance of 1320 feet to the West line of that certain tract of land conveyed by Della Jutkins to A. E. Troutman, dated the 18th day of January, 1934, and recorded the 5th day of March, 1934, in Champaign County, Illinois, in Book 224 of Deeds, page 196; thence Northwesterly along the West line of said tract of land, making an angle of 92 degrees 37 minutes with the South line of said Northeast fractional Quarter, a distance of 1321.38 feet; thence Easterly along a line parallel with the South line of said Northeast fractional Quarter a distance of 1320 feet; thence Southeasterly 1321.38 feet to the Place of beginning, all of said premises being situated in Section 3, Township 18 North, Range 8 East of the Third Principal Meridian, in Champaign County, Illinois.

Approximately sixty-two acres of this farm are needed for extension of the north-south runway, and it is anticipated that the federal government will reimburse the University for one-half the cost of this acreage. The remainder of the farm may be sold, but in the meantime will be operated by the College of Agriculture for income-producing purposes.

The sellers have requested that the University acquire a farm in Vermilion County and exchange it for the property which they own. The Troutmans will pay the difference between the price of the Vermilion County land and the selling price of their farm.

Funds are not available in the state appropriations for the purchase of this land, but the First National Bank of Chicago has indicated that it will loan approximately $135,000 to the University of Illinois Foundation to acquire this property. An application will be submitted to the Federal Aviation Agency for $32,550 and a state capital appropriation will be requested for the balance in 1961.

The terms of the contract of purchase between the Foundation and the Troutmans and the lease with the University are set forth in resolutions which the Board of Directors of the Foundation will be asked to adopt at its next meeting. Copies of these resolutions are filed with the Secretary of the Board of Trustees for record.

I concur and recommend that the University of Illinois Foundation be requested to make the above purchase and exchange of land and to borrow approximately $135,000 from the First National Bank of Chicago, and that the Comptroller and the Secretary of the Board be authorized to execute the necessary agreements with the University of Illinois Foundation, subject to approval of the Legal Counsel.

On motion of Mr. Harewood, this recommendation was approved by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Pogue, Mr. Stratton; not voting, Mr. Johnston.

PURCHASE OF PROPERTY BY UNIVERSITY OF ILLINOIS FOUNDATION

(21) Mr. Avery Brundage is the owner of 129,873 shares of common stock of the LaSalle-Madison Hotel Corporation. The Corporation has an authorized com-
mon stock of 140,000 shares, of which 1,867 shares are held in the treasury of the Corporation and 138,133 shares are outstanding. The Corporation owns the building known as the LaSalle Hotel and owns all of the stock of the LaSalle Pharmacy Corporation, which owns and operates the pharmacy located in the LaSalle Hotel.

Mr. Brundage desires to assist the University of Illinois Foundation by making it possible for the Foundation to acquire an income-producing asset. He has offered to sell his stock in the Corporation to the University of Illinois Foundation for a sum not to exceed $8,000,000. The terms of purchase would be a down payment not to exceed $750,000 and the remainder in notes bearing interest at the rate of 2½ per cent. The Foundation would agree to pay to Mr. Brundage an annual sum of $400,000, of which the interest on the unpaid balance would be paid first, the remainder applying on the principal. Under the terms of this agreement, the loan would be paid off in approximately twenty-four years.

In addition to the minority stockholders, the Corporation has an outstanding mortgage loan in the amount of $2,650,000 at 5½ per cent interest, payable serially over a period of twenty-two years. Examination of the operating statements shows a relatively stable income, which will be adequate on the basis of past performance, to meet the obligations the Foundation would undertake.

In view of this offer to the Foundation, it is recommended that the Board of Trustees request that the Foundation, on behalf of the University, enter into this transaction with the understanding that when the Foundation has completely paid the obligations to Mr. Brundage, as well as to the holders of the mortgage, the property or the stock, whichever is then held by the Foundation, shall be transferred or conveyed to the Board of Trustees of the University of Illinois to be held in trust, said property or stock, or the income therefrom, to be used to advance the educational purposes of the University.

(During the discussion of this matter, Mr. Johnston asked to be excused because of another engagement.)

On motion of Mrs. Swain, this recommendation was approved by the following vote: Aye, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Clement, Mr. Johnston, Mr. Pogue, Mr. Stratton.

On motion of Mrs. Watkins, the Board adjourned.

A. J. Janata
Secretary

Kenney E. Williamson
President
MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

January 20, 1960

The January meeting of the Board of Trustees of the University of Illinois was held at the Chicago Professional Colleges, in the Chicago Illini Union Building, 715 South Wood Street, Chicago, Illinois, on Wednesday, January 20, 1960, beginning at 1:30 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Mr. Vernon L. Kretschmer, Director of Auxiliary Services; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

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COMMITTEE MEETINGS
Meetings of the Board Committees on General Policy, Buildings and Grounds, and Nonacademic Personnel were held in the forenoon, beginning at 9:00 a.m.

ADDRESS BY DOCTOR EDWARD F. LIS
During the luncheon recess, following Board committee meetings, Dr. Edward F. Lis, Associate Professor of Pediatrics and Director of the Division of Services for Crippled Children, addressed the Board, discussing the program and operations of the Division.

BUSINESS PRESENTED BY THE VICE-PRESIDENT AND PROVOST OF THE UNIVERSITY
In the absence of President David D. Henry, Vice-President and Provost Gordon N. Ray presented the following reports and recommendations.

APPOINTMENT OF ASSOCIATE DEAN OF ADMINISTRATION AT CHICAGO UNDERGRADUATE DIVISION
(1) Upon recommendation of the Executive Dean of the Chicago Undergraduate Division and after consultation with the Executive Dean's Advisory Council, I recommend the appointment of Arthur D. Pickett, Associate Professor of Biological Sciences, as Associate Dean of Administration of the Chicago Undergraduate Division beginning February 1, 1960, at a salary of $13,000 a year on a twelve-month service basis. He will retain his rank and indefinite tenure as Associate Professor of Biological Sciences.

This will be a new position, made necessary by the increasing administrative load at the Chicago Undergraduate Division.

On motion of Mrs. Watkins, this appointment was approved.

CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY
(2) Professor J. W. Swain, Chairman of the Department of History, will retire from active service at the end of the current academic year.

The Dean of the College of Liberal Arts and Sciences recommends the appointment of Professor Chester G. Starr as Acting Chairman of the Department for one year from September 1, 1960, and Professor Norman A. Graebner as Chairman of the Department for two years from September 1, 1961. The salaries will be determined when the budgets for 1960-61 and 1961-62 are submitted to the Board for approval.

These appointments are recommended after consultation with the Executive Committee of the Department. The Vice-President and Provost and the Dean of the Graduate College have also been consulted and concur.

Professor Graebner's appointment as Chairman is being deferred for one year on his request. During the past year or two he has assumed numerous responsibilities outside the Department of History, including special University service on committees and other assignments, which have interrupted his historical writings, and he desires time off to catch up before taking over the chairmanship. He will be an Associate Member of the Graduate College Center for Advanced Study during 1960-61.

I recommend approval.

On motion of Mr. Swain, these appointments were approved. The Secretary was instructed to send Professor Swain a letter expressing appreciation of the Board of Trustees for his many years of faithful and devoted service to the University.

APPOINTMENT OF PETER R. ELLIOTT AS HEAD FOOTBALL COACH
(3) The Board of Directors of the Athletic Association and the Director of Intercollegiate Athletics recommend the appointment of Peter R. Elliott, formerly
Head Football Coach at the University of California at Berkeley, as Head Football Coach at the University of Illinois effective January 1, 1960, at a salary of $18,000 a year.

The Dean of the College of Physical Education will also recommend his appointment as Associate Professor of Physical Education for Men effective September 1, 1960, and part of his salary thereafter will be paid from University funds for teaching services. In the meantime, Mr. Ray Eliot, who became Assistant Director of Athletics on January 1, 1960, and who is also Associate Professor of Physical Education for Men, will in that capacity complete his teaching assignment for the academic year 1959-60.

After consultation with all members of the Board of Trustees and securing their approval, the appointment was announced on December 22, 1959, and is now submitted with the President's recommendation for formal approval.

On motion of Mr. Herrick, seconded by Mr. Pogue, this appointment was approved.

**APPOINTMENTS TO THE FACULTY**

(4) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. **Paul J. Doebel**, Director of Housing, beginning January 1, 1960, at an annual salary of $11,000 (DY).
2. **Folke Dovring**, Professor of Agricultural Economics, beginning February 1, 1960, at an annual salary of $13,000 (AY).
3. **Robert W. Evans**, Administrative Assistant in the President's Office, for one year from January 1, 1960, at an annual salary of $9,000 (FY).
5. **William W. Hay**, Assistant Professor of Geology, beginning September 1, 1960, at an annual salary of $6,000 (D).
6. **Vernon L. Kretschmer**, Director of Auxiliary Services, beginning January 1, 1960, at an annual salary of $15,500 (DY).
7. **Vincent Massey**, Visiting Associate Professor of Chemistry and Chemical Engineering, for four and one-half months from March 16, 1960, at a salary of $5,000 (G).
8. **Hermann Mattenheimer**, Assistant Professor of Biological Chemistry, in the College of Medicine, beginning December 1, 1959, without salary (DY).
9. **Lloyd E. McCleary**, Associate Professor of Education, beginning February 1, 1960, at an annual salary of $9,000 (B).
10. **Arthur R. Robinson**, Associate Professor of Civil Engineering, beginning September 1, 1960, at an annual salary of $9,000 (B).
11. **Donald F. Schultz**, Research Assistant Professor of Biophysics, in the Department of Electrical Engineering, on one-half time, beginning July 1, 1960, at an annual salary of $7,000 (S) (BY59).
12. **Lida Jane Wille**, Consultant in the School of Social Work, with rank of Associate Professor, beginning February 1, 1960, at an annual salary of $10,000 (BY).

On motion of Mr. Swain, these appointments were confirmed.

**APPOINTMENT TO THE INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS ADVISORY COMMITTEE**

(5) The Director of the Institute of Labor and Industrial Relations recommends the appointment of Mr. John Meade, Vice-President and Director of Industrial Relations of Fansteel Metallurgical Corporation, North Chicago, Illinois, as a management representative on the Institute's Advisory Committee for a term of three years beginning September 1, 1959, to fill a vacancy on that Committee. Mr. Meade has had extensive government and industry experience in the field of industrial relations.

I concur.

On motion of Mr. Johnston, this appointment was approved.
AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(6) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law.

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>WILLIAM LOUIS FUETTERER</td>
<td>Chicago</td>
<td>Ohio</td>
</tr>
<tr>
<td>ROBERT R. HILL</td>
<td>St. Louis, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>THOMAS LELAND HOLTON</td>
<td>Wilmette</td>
<td>Texas</td>
</tr>
<tr>
<td>JOSEPH RICHMOND</td>
<td>Wilmette</td>
<td>Massachusetts</td>
</tr>
<tr>
<td>JAMES LOUIS WALKER</td>
<td>Indianapolis, Indiana</td>
<td>Indiana</td>
</tr>
</tbody>
</table>

On motion of Mr. Harewood, these certificates were awarded.

ADMISSION OF TRANSFER STUDENTS

(7) The three Senates recommend that the regulations governing the admission of students transferring from other colleges or universities be amended to read as follows, the change to become effective September 1, 1960:

A person who has attended another college or university of recognized standing is considered for admission to the University of Illinois on presenting (1) a transcript of his college record showing honorable dismissal from the institution from which he comes, and (2) an official statement of his preparatory school work.

General University requirements for admission by transfer in terms of the grading system of the University of Illinois, are as follows:

1. With more than forty semester hours of academic credit, a minimum of
   a. 3.0 (C) total average, including all courses passed or failed;
   b. 3.0 (C) averages for the applicant's last semester (with a minimum of the last twelve semester hours taken by a transfer student to be used in determining the last semester average; furthermore, if the last twelve semester hours bridge two or more semesters, quarters, or summer sessions of study, the entire semester, quarter, or summer session of study in which the twelfth hour falls should be included in the average); or approval of the applicant's petition by the dean of the college concerned, for his admission on probationary status.

2. With forty semester hours or less of academic credit, a minimum of
   a. 3.0 (C) average, except that a resident of Illinois whose scholastic average is below 3.0 but above 2.5 may, with the approval of the dean of the college concerned, be admitted on probationary status.
   b. A nonresident of Illinois whose scholastic average is less than 3.0 will not be admitted.

Special Admissions. A student who is not eligible on one of the plans described above may be admitted, with the approval of the Dean of Admissions and Records and the dean of the college he wishes to enter, providing he submits evidence which clearly establishes his qualifications to do satisfactory work in the curriculum in which he wishes to enroll.

On motion of Mr. Clement, this recommendation was approved.

REVISION OF REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF ENGINEERING

(8) The Urbana-Champaign Senate recommends that the specific requirements for admission of freshmen to the College of Engineering be revised to read as follows, effective for students enrolling in September, 1963, and thereafter:
In addition, applicants must meet the general requirements for admission to the University which are applicable to all students regardless of the college in which they enroll.

The increased subject matter requirements emphasize general education rather than specific preparation for engineering studies. Thus, biology as well as chemistry or physics may be presented to fulfill the science requirement. Social studies and foreign language requirements are added. The recent trend in engineering curricula to increase requirements in social sciences and humanities is reflected in an entrance requirement which will stimulate the prospective engineer also to include subjects in these areas and in language in his high school program.

Students who have only one unit of algebra and one unit of plane geometry may be admitted on condition that the deficiency is removed in the first year. No credit toward graduation will be allowed for mathematics courses taken to remove a deficiency in entrance requirements.

Required science must include two units from physics, chemistry, and biology. Botany and zoology may be substituted for biology. General science may not be used as a required subject.

Required language must be two units in one language. Languages which are acceptable are those normally taught at the University of Illinois and listed in the Undergraduate Study bulletin.

Students who are deficient in foreign language may be admitted on condition that the deficiency be removed in the first two years. No credit toward graduation will be allowed for language courses taken to remove a deficiency in entrance requirements.

Students transferring from other colleges shall not be excused from these entrance requirements unless they have demonstrated proficiency in the areas in which they are deficient.

I concur.

On motion of Mr. Swain, this recommendation was approved.

CURRICULUM IN GENERAL ENGINEERING

(9) The Urbana-Champaign Senate recommends a new curriculum in general engineering leading to the degree of Bachelor of Science effective for students entering in September, 1960. The major change is to require a total of 142 semester hours for a degree exclusive of the required military training and physical education. The main reason for this change is that the Engineering Council for Professional Development accreditation criteria limits the amount of time permissible for secondary fields of study to six hours in a four-year curriculum. The faculty of the College of Engineering is of the opinion that anything less than twelve hours in secondary field study would detract from the effectiveness of the program and to obtain the additional six hours requires an increase from 136 to 142 hours. It is unlikely that this additional six hours will be a handicap to students, since a large percentage of those in the College of Engineering already take more than eight semesters to complete degree requirements.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Johnston, this recommendation was approved. Mr. Herrick voted "no."
(10) The Urbana-Champaign Senate recommends a revision in the curriculum in mining and metallurgical engineering by adding a three-hour course in statistics (Mathematics 263) and changing a course in mining engineering (Mining Engineering 253) from four semester hours to three semester hours.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mrs. Watkins, this recommendation was approved.

(11) The Urbana-Champaign Senate recommends a revision of the curricula in mechanical engineering and industrial engineering by dropping the course Advanced Drafting for Mechanical Engineers (General Engineering 112) from the second semester of the second year, changing the social sciences or humanities electives from a total of ten semester hours to nine semester hours, and adding a three-hour course in engineering analysis and design in the fourth year.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Swain, this recommendation was approved.

(12) The Urbana-Champaign Senate recommends authorization of a new curriculum in crafts in the College of Fine and Applied Arts, the objective being to provide a strong basis of fine arts, a foundation of general education centered in the humanities and social sciences, and a solid technical program in two of the three most important crafts areas.

Submitted herewith are the details of this new curriculum, a copy of which is being filed with the Secretary of the Board for record.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I concur.

On motion of Mr. Swain, this recommendation was approved.

(13) Fifteen years ago the University of Illinois held slightly over $500,000 in loan funds, of which less than $100,000 was loaned to students and the balance was invested in government securities. During the intervening period, the total of such funds has increased to $744,000 all of which is now loaned or committed. At the present time there are insufficient funds to meet approved applications, and loans are being made solely from repayments on outstanding notes.

The University makes two types of loans: long-term loans, which are repaid in installments beginning four months after the student leaves school; and short-term loans, which are generally in amounts of less than $100, bear no interest, and are payable within the semester in which they are made. The sum of $39,000 has been assigned from certain loan funds, the terms of which are sufficiently liberal to permit them to be used for short-term purposes.

During the past semester the demand for short-term loans has continually exceeded available resources, and it has been necessary to temporarily assign cash from long-term funds for which the demand is also greater than the available resources. Without some assistance it will be necessary to refuse many applicants for short-term loans after the beginning of the second semester.

The University of Illinois Foundation holds a substantial cash balance in the Shaw Endowment Income account which may be used for educational purposes and is generally used for scholarships. These funds will not be needed until the first semester of 1960-61, and the Board of Directors of the Foundation has agreed to make a temporary grant of $20,000 from them to the University for short-term student loans during the second semester of 1959-60, to be repaid by Septem-
Although this is not a solution to the student loan problem, it will provide temporary relief.

The Vice-President and Comptroller and the Dean of Students recommend acceptance of this grant under the condition stated.

On motion of Mr. Hughes, this recommendation was approved.

**SALE OF SECURITIES RECEIVED FROM LAKELAND FOUNDATION**

Mr. F. B. Hubachek of the Lakeland Foundation has made a gift to the University of Illinois of one hundred and forty-seven shares of the common stock of the Household Finance Corporation with a request that the stock be sold and the proceeds credited to the Lakeland Foundation gift account to which Mr. Hubachek has made cash donations each year for a number of years. The Lakeland Foundation gift to the University was established several years ago to carry on a research program in the Department of Clinical Science of the College of Medicine.

Since the stock was given to the University by the Lakeland Foundation with the stipulation that it be sold, the following resolution should be adopted to authorize the sale of the stock. The stock had a value of $26.75 a share at the time of the gift on December 22, 1959.

**Resolution**

WHEREAS, the Board of Trustees of the University of Illinois is the owner of one hundred and forty-seven shares of the common stock of the Household Finance Corporation, and

WHEREAS, it is the decision of said Board of Trustees to sell and dispose of this stock,

Now, Therefore, Be It Resolved that this sale be completed and that A. J. Jauata, Secretary, and H. O. Farber, Comptroller, be authorized to execute all documents necessary to accomplish this.

On motion of Mr. Herrick, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**ELECTRICAL SERVICE FOR LAUNDRY BUILDING CHICAGO PROFESSIONAL COLLEGES**

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Commonwealth Edison Company, Chicago, for the installations necessary to supply electrical service to the new Laundry Building at the Chicago Professional Colleges at a cost of $3,153.

The work will include construction of a duct run from the Edison Company's manhole in the street to the property line, installation of cables from the manhole to the Laundry Building, setting of transformers, and cable work within the transformer vault.

Funds are available in the construction budget for the Laundry Building.

I concur.

On motion of Mr. Harewood, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**ENGINEERING SERVICES FOR EXTENSION OF UTILITIES TO ASSEMBLY HALL**

Provision was made in the state capital appropriations for 1959-61 for all utilities services to the Assembly Hall, including steam, electric, water, and storm and sanitary sewers. The funds are subject to release by the Governor and as a result of the "freeze order" on capital funds, all engineering work on utilities services was stopped. As it now appears that the University will not secure a release of funds in time to complete utilities by the time the building is constructed, an alternate method must be found to provide and finance temporary
utility services. Preliminary studies of alternate methods of providing utility services indicate that:

A temporary storm sewer, estimated to cost approximately $30,000, is the most critical and immediate need of the contractor. It is only a partial solution, and there may be periodic flooding and closing of the new Florida-Kirby underpass during periods of heavy rainfall.

An additional capital expenditure of approximately $165,000 will be necessary to finance the cost of construction of a temporary oil-fired heating plant and the extension of Illinois Power Company electric service to the site. These temporary services will, however, result in a net increased operating cost of approximately $84,000.

There is no temporary solution for water and sanitary sewer service, and the permanent facilities originally contemplated and estimated to cost approximately $38,000 will be required.

The Assembly Hall is being financed through a bond issue, and funds can be made available in the building construction account for the cost of the engineering services and the electric lines. The biennial operating budget includes funds for operating the Assembly Hall during 1960-61, but since the building will not be occupied before the fall of 1961, these funds can be used to finance the construction of the water mains, sewer, and heating plant.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that:

Sargent and Lundy, Consulting Engineers, Chicago, be employed on the engineering services required for the construction of a temporary oil-fired heating plant. The estimated cost of these services is $10,000.

Wilson and Anderson, Champaign, be employed to do the engineering work required for the water and sanitary sewer services. The estimated cost of these engineering services is approximately $3,800.

It is recommended that authorization of these two firms be by changes in the existing contracts with them previously authorized by the Board.

The Vice-President and Comptroller and the Secretary of the Board be authorized to execute a contract with the Illinois Power Company for extension of electrical service to the site at an estimated net cost of approximately $15,000.

Recommendations will be submitted for awards of contracts and assignments of funds for the construction of the temporary heating plant and the extension of storm and water sewer services when these services have been designed and bids have been taken.

The Committee on Buildings and Grounds has previously considered these recommendations and is prepared to support them.

I concur.

On motion of Mr. Swain, these recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, Mr. Herrick; absent, Mr. Stratton.

ENGINEERING SERVICES ON EXTENSION OF UTILITIES TO HOUSING AREAS

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend additions to an existing contract with Wilson and Anderson, Champaign, for engineering services, authorized by the Board on February 19, 1959, to include design for (a) extension of the Mathews Avenue sanitary sewer interceptor from Illinois Street to Florida Avenue; (b) a water main, lift station and force main, and a sanitary sewer to service the additional family housing to be constructed in the area between South Race Street and Orchard Avenue extended. The extension of the Mathews Avenue sanitary sewer interceptor will also serve the residence halls for women to be constructed south of Florida Avenue and west of Lincoln Avenue and eventually other buildings.

The estimated cost of these engineering services is $14,000 and will be paid from the proceeds of the bond issue to finance the construction of the family housing units already authorized by the Board. If funds in the state capital
appropriations to the University for 1959-61 are released, it is proposed to charge $9,500 of the cost of these engineering services to the appropriation for extension of utilities.

I concur.

On motion of Mr. Johnston, these contract changes were authorized.

LAND ACQUISITIONS

(18) The Director of the Physical Plant and the Vice-President and Comptroller submit the following public report of property purchases authorized by the Board and now completed:

<table>
<thead>
<tr>
<th>Address</th>
<th>Owner</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1003 West Green Street, Urbana</td>
<td>Myron Potter Rose</td>
<td>$40,000</td>
</tr>
<tr>
<td>1201 West Stoughton Street, Urbana</td>
<td>Alpha Kappa Alpha Sorority</td>
<td>17,000</td>
</tr>
<tr>
<td>1003 West Western Avenue, Urbana</td>
<td>Minnie Rose Nesmith</td>
<td>8,500</td>
</tr>
<tr>
<td>805 West Pennsylvania Avenue, Urbana</td>
<td>Sigma Alpha Mu Fraternity</td>
<td>85,000</td>
</tr>
<tr>
<td>502 East John Street, Champaign</td>
<td>Clarence W. and Myrtle Coventry</td>
<td>25,000</td>
</tr>
</tbody>
</table>

The property at 1003 West Green Street was purchased to provide part of the site for a residence hall for undergraduate men. The property at 805 West Pennsylvania Avenue was purchased to provide additional quarters needed by the College of Education. The other properties were purchased for future campus expansion.

This report was received for record.

PURCHASES

(19) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One FM transmitter and accessories</td>
<td>Aeromedical and Physical Environment Laboratory</td>
<td>Electro-Mechanical Research, Inc., Detroit, Mich.</td>
<td>$2,955.00</td>
</tr>
<tr>
<td>Drilling of 6 in. water well; installation of prime galvanized steel casing and a screen in bottom of well; approximate depth 450 ft.; on a University farm in DeKalb County</td>
<td>Agricultural Economics</td>
<td>George A. Schmidt &amp; Son, Rockford</td>
<td>2,501.70</td>
</tr>
<tr>
<td>Two underground turbine fuel storage tanks, capacity 10,000 gal. each, 10 ft. 6 in. diameter by 15 ft. 7 in. long</td>
<td>Institute of Aviation</td>
<td>Leader Iron Works, Inc., Decatur</td>
<td>2,850.00</td>
</tr>
<tr>
<td>One automatic superspeed refrigerated centrifuge</td>
<td>Institute of Aviation</td>
<td>Leader Iron Works, Inc., Decatur</td>
<td>2,850.00</td>
</tr>
<tr>
<td>Two Norelco No. 12045 basic diffraction apparatus, X-ray generator and control 60 kvp—50 ma adaptable for X-ray spectrograph</td>
<td>Biochemistry, Chicago Professional Colleges</td>
<td>Ivan Sorvall, Inc., Norwalk, Conn.</td>
<td>3,500.00</td>
</tr>
<tr>
<td>One No. 12112 copper target</td>
<td>Chemical Engineering</td>
<td>Phillips Electronics, Inc., Chicago</td>
<td>7,425.00</td>
</tr>
<tr>
<td>One No. 12113 molybdenum target</td>
<td>Chemical Engineering</td>
<td>Phillips Electronics, Inc., Chicago</td>
<td>7,425.00</td>
</tr>
<tr>
<td>Four window diffraction tubes</td>
<td>Chemical Engineering</td>
<td>Phillips Electronics, Inc., Chicago</td>
<td>7,425.00</td>
</tr>
<tr>
<td>One microdensitometer, double beam (intensity balancing) automatic, recording, with standard accessories</td>
<td>Chemical Engineering</td>
<td>National Instrument Laboratories, Inc., Washington, D.C.</td>
<td>6,594.50</td>
</tr>
<tr>
<td>Two Buerger precession cameras, modified for protein work, to include one goniometer for head per camera, and two extra goniometer heads; extra layer line screen holder and graduated arm; twenty-two layer line screens; four collimators; and one extra set of drive gears</td>
<td>Chemical Engineering</td>
<td>National Instrument Laboratories, Inc., Washington, D.C.</td>
<td>6,594.50</td>
</tr>
<tr>
<td>One Tektronix type 555 dual-beam oscilloscope with two type “L” pre-amplifiers, one type H510 viewing hood, and one type 500/35A scope-mobile</td>
<td>Digital Computer Laboratory</td>
<td>Tektronix, Inc., Park Ridge</td>
<td>5,165.93</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>---------------------------------------------------------------------</td>
<td>---------------------</td>
<td>-----------------------------</td>
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</tr>
<tr>
<td>One completely self-contained, general purpose magnetron modulator for use with all common magnetrons covering the range from 3.2 kmc to 35.0 kmc with peak outputs from 6 kw, to 120 kw.</td>
<td>Electrical Engineering</td>
<td>Narda Microwave Corp., Mineola, N.Y.</td>
<td>$4,850.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One Hughes model 100-2 &quot;memo-scope&quot; oscilloscope with HS-6 preamplifier, WB/DI/11 dual trace preamplifier, camera mount, and multi-tracer</td>
<td>Electrical Engineering</td>
<td>Hughes Products, Chicago</td>
<td>$3,916.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One photomicroscope, with tube head, rotating analyzer, collector tube, diaphragm insert, and complete with optics and built-in exposure device</td>
<td>Geology</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>$3,942.70 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>Additional equipment plus installation for expansion of Language Laboratory; seventeen Fold-A-Booths, two dual magnetic tape language recorder-players, fifteen magnetic disc language recorder-players, and seventeen sets dual headphones</td>
<td>Language Laboratory</td>
<td>Magnetic Recording Industries, New York, N.Y.</td>
<td>$5,715.25 f.o.b. delivered</td>
</tr>
<tr>
<td>One photomicroscope</td>
<td>Pathology</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>$2,599.00 delivered</td>
</tr>
<tr>
<td>One six-channel electroencephalograph and two channels for DC and strain gage amplification</td>
<td>Pharmacology</td>
<td>Grass Instrument Co., Quincy, Mass.</td>
<td>$4,620.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One spectrophotometer, quartz optics, built-in micro-scale from 200 mu to 2,500 mu, diaphragm insert, optical bench 75 cm, with monochromator, lamp housing, power supply unit, sample changer, indicator unit and accessories</td>
<td>Microbiology</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>$4,712.30 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One gas chromatograph and accessory equipment</td>
<td>Pharmacy - Chemistry</td>
<td>E. H. Sargent &amp; Co., Chicago</td>
<td>$5,013.00 delivered</td>
</tr>
<tr>
<td>One Varian V-4004 four-inch laboratory electromagnet with V-408-1 cylindrical pole caps</td>
<td>Physics</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>$4,454.50 f.o.b. delivered</td>
</tr>
<tr>
<td>One V-2301A power supply</td>
<td>Physics</td>
<td>Chase Brass &amp; Copper Co., Chicago</td>
<td>$2,688.85 f.o.b. delivered</td>
</tr>
<tr>
<td>One 18 in. x 4 ft. leaded half hard brass plate</td>
<td>Physics</td>
<td>Burns Machine Co., Ottawa</td>
<td>$3,400.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Fabricate Varian magnet turntable assembly</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>$10,788.38 f.o.b. delivered</td>
</tr>
<tr>
<td>Printing and binding 2,000 copies of Mass Communications, revised edition, edited by Wilbur Schramm, approximately 988 pages a copy</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>$4,261.94 f.o.b. delivered</td>
</tr>
<tr>
<td>Printing and binding 2,500 copies of Readings in the History of American Agriculture, edited by Wayne Raschmann, approximately 352 pages</td>
<td>University Press</td>
<td>Braun-Brumfield, Inc., Ann Arbor, Mich.</td>
<td>$4,497.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Printing and binding 2,500 copies of High School Mathematics, students' edition, compiled by the University of Illinois Committee on Mathematics</td>
<td>Department Stores</td>
<td>Decatur Paper House, Inc., Decatur</td>
<td>$14,245.00 f.o.b. delivered</td>
</tr>
<tr>
<td>89 pieces of office and lounge furniture, including desks, side arm chairs, side chairs, telephone cabinets, bookcases, lounge chairs, card tables, files, sofas, end tables, corner tables, smokers</td>
<td>Department Stores</td>
<td>Decatur Paper House, Inc., Decatur</td>
<td>$40,544.50 f.o.b. delivered</td>
</tr>
<tr>
<td>One offset duplicating machine</td>
<td>Enamel book paper:</td>
<td>800 reams 25 in. x 38 in., 70-lb.</td>
<td>$2,765.50 delivered</td>
</tr>
<tr>
<td>Enamel book paper:</td>
<td>800 reams 25 in. x 38 in., 70-lb.</td>
<td>100 reams 22 ½ in. x 35 in., 58-lb.</td>
<td>$14,245.00 f.o.b. delivered</td>
</tr>
<tr>
<td>100 reams 25 in. x 28 ½ in., 53-lb.</td>
<td>100 reams 28 in. x 42 in., 87-lb.</td>
<td>66,200 reams 16-lb. white No. 4 sulphite mimeograph bond paper</td>
<td>$40,544.50 f.o.b. delivered</td>
</tr>
</tbody>
</table>
### UNIVERSITY OF ILLINOIS

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>126,000 brown Kraft open end, gummed flap, clasped and catalog envelopes in weights and sizes as specified</td>
<td>Office Supply Stores</td>
<td>Marvin Envelope &amp; Paper Co., Chicago</td>
<td>$9,957.35 f.o.b. delivered</td>
</tr>
<tr>
<td>Lumber for period of February 1, 1960, through June 30, 1960. Quantities estimated are: 6,000 board ft. No. 3 spruce. 21,000 board ft. construction grade fir</td>
<td>Physical Plant Storeroom</td>
<td>Hillerest Lumber Co., Champaign</td>
<td>$919.92 f.o.b. delivered</td>
</tr>
<tr>
<td>Furnish and install new pad and carpeting in aisles on main floor of the Auditorium</td>
<td>Physical Plant Storeroom</td>
<td>Marshall Field &amp; Co., Chicago</td>
<td>$729.76 f.o.b. delivered</td>
</tr>
<tr>
<td>20,000 lbs. soft white lead paste, federal specifications TT-W-231-B, type C, in 100-lb. kegs</td>
<td>Physical Plant Storeroom</td>
<td>National Lead Co., Chicago</td>
<td>$650.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One fuel injection pump calibration bench complete with standard accessories, export packed, f.a.s. N.Y.</td>
<td>International Cooperation Administration Contracts</td>
<td>Sun Electric Corp., Chicago</td>
<td>$921.00 f.o.b. Chicago</td>
</tr>
</tbody>
</table>

On motion of Mr. Herrick, these purchases were authorized.

### COMPTROLLER'S REPORT OF CONTRACTS

(20) The Comptroller's report of contracts executed during the period December 1 to 31, 1959.

#### With Whom

- **United States Air Force**
  - AF 46(68)-781: Evaluate the nutritional properties of fish oils and fish meals and fractions thereof in relation to processing methods. Effective November 1, 1959. Amount to be paid: $2,200.

- **Chicago Park District**
  - Use of James H. Gately Park on November 14, 1959, for football game. Effective September 28, 1959. Amount to be paid: $100.

- **Jack Wayne, Orchestra Leader**

#### Leases

- **Illinois Press Association**

- **John Deere Flow Co.**

- **Joseph A. Hofmann**

#### Contract Changes

- **National Warm Air Heating and Air Conditioning Association**

- **Upjohn Co.**
  - Heating, ventilating, and air conditioning as related to warm-air furnace heating. Effective August 5, 1959. Amount to be paid: $6,000.00.
AMENDMENT OF GENERAL RULES CONCERNING UNIVERSITY ORGANIZATION AND PROCEDURE

(21) The Committee on Fees recommends that Section 30, Registration of Staff Members in University Classes, in the General Rules Concerning University Organization and Procedure be amended effective September 1, 1960, as shown below. The new language is shown in italics.

A subtitle of the Section is added to read: Registration of Staff Members in Undergraduate Colleges.

The present paragraph (a) to be changed to read:

Undergraduate students on the academic, administrative, or permanent non-academic staff of the University, or on the staffs of allied surveys and laboratories located on the Urbana-Champaign campus, may register in University courses for which they are eligible for admission, without payment of the tuition fee and the laboratory, library, and supply fee, provided that their annual salary for nine months is less than the minimum salary for such period established for full-time assistants, and provided that their official appointments call for a minimum of four months of service during the semester in which exemption is desired.

(A semester is defined for this purpose as the equivalent of four and one-half months of work.)

(The latter change is regularizing precisely what is being done at the present time.)

Paragraphs (b) and (c) are not changed.

The present paragraph (d) to be deleted.

The present paragraph (e) to be changed to read:

(d) Undergraduate students on appointment for a second semester who are exempt from payment of fees for courses which they are registered during the period of their appointment are exempt also from a payment of fees for courses which they enroll in the Summer Session immediately following termination of their appointments, provided they hold no appointments in that Summer Session. Undergraduate students holding summer session appointments requiring at least seven weeks of service shall be subject to such tuition and fees as would be assessed in accordance with the principles expressed in (a) and (b) above.

(Undergraduate academic and nonacademic employees have had the same privileges as graduate employees insofar as they concern extension of the tuition and fee exemption benefits to the Summer Session immediately following termination of their appointments. The recommended revision of former paragraph (e) now paragraph (d), as indicated, provides for the undergraduate employees the same summer session exemptions proposed for the graduate academic staff.)

A new paragraph (e) to be added:

(c) Undergraduate students not subject to tuition and fees by reason of their appointments who resign from their positions before the midpoint of the
semester or Summer Session and continue as students after the date of resignation shall be subject to payment of tuition and fees.

A new subsection, with a subtitle, to be added:

Registration of Staff Members in the Graduate College

(f) Graduate students who are academic employees of the University, or of allied surveys and laboratories located on the Urbana-Champaign campus, may register in University courses for which they are eligible for admission without payment of the tuition fee and the laboratory, library, and supply fee, provided their official appointments call for not more than 62.5 per cent of full-time services for a minimum of four months during the semester in which exemption is desired. Graduate students employed under two or more appointments from the University or allied surveys and laboratories shall have their basis for exemption computed on an equivalent scale. Graduate students not subject to tuition and fees by reason of their appointments who (1) resign from their positions before the midpoint of the semester, (2) complete clearance for graduation within one week following the date of resignation, and (3) leave the campus, shall not be subject to payment of tuition and fees for that semester and they need not cancel their registration in University courses for the semester. Such persons who continue as active students after the date of resignation shall be subject to payment of tuition and fees.

(g) Those graduate students, including fellows, who are not exempt from the payment of tuition and fees in accordance with paragraph (a) above shall be subject to payment of tuition and fees unless they are awarded tuition and fee waivers (in whole or in part) by the Graduate College. These tuition and fee waivers shall be awarded at the discretion of the Graduate College as authorized by the Board of Trustees.

(h) Graduate students holding appointments during the second semester of an academic year either as employees or fellows, and for whom tuition or fees have been provided through exemption, waiver, or cash payment by an outside agency, shall be exempt from the payment of the same kinds of tuition and fees for the Summer Session immediately following, provided they hold no appointments during the Summer Session. Graduate students holding summer session appointments as fellows or as employees requiring at least seven weeks of service shall be subject to such tuition and fees as would be assessed in accordance with the principles expressed in sections (a) and (b) above.

(i) These rules do not apply to graduate nonacademic employees who are governed by the same regulations applying to undergraduate employees, as stated in paragraphs (a) through (e) above.

(j) Graduate students who hold any type of University appointment including that of fellow, may not accept additional employment from the University or any allied agency without the approval of the Dean of the Graduate College. I concur.

On motion of Mr. Swain, these amendments were adopted.

TUITION AND FEE WAIVERS IN THE GRADUATE COLLEGE

(22) The Dean of the Graduate College recommends authorization of 450 tuition and fee waivers a year to graduate students which would include (a) all University fellows, i.e. those whose stipends are paid from University funds; (b) most fellows whose stipends are paid from endowments or other trust funds received by the University for such purposes; (c) a number of teaching assistants who for reasons beyond their control may be compelled to accept teaching assignments which do not carry exemption from payment of tuition and other fees on the basis of their appointments; and (d) all foreign graduate students who qualify for tuition and fee waivers. This latter would leave present foreign scholarships available exclusively to undergraduate students.

It should be noted that the term “tuition and fee waiver” is used here rather than the term “scholarship.” This is a desirable change in nomenclature which would leave the term “scholarship” to apply to undergraduate students only.

I concur in this recommendation.

On motion of Mr. Herrick, this recommendation was approved.
ADMISSION OF UNDERGRADUATE STUDENTS ENTERING DIRECTLY FROM HIGH SCHOOL

(23) The present requirements for admission of undergraduate students entering directly from high school include a provision that a graduate of an accredited high school who is a resident of Illinois and whose scholarship is in the lowest quarter of his class, but who otherwise meets the entrance requirements, will be admitted on probationary status subject to certain conditions, including: "Such an applicant will be required by the University to take tests as prescribed by the Student Counseling Service and to receive in an interview an interpretation of the test scores and their educational and vocational significance."

The Director of Student Counseling Service and the Dean of Admissions and Records recommend that the language of the phrase in italics be amended to read: "... and to receive a letter advising him of his chances of succeeding in the University and inviting him to utilize the services of the Student Counseling Service for interpretation of the educational and vocational significance of his test scores if he so wishes."

Since this is an administrative procedure and involves no change in policy, I have approved the change, effective at the beginning of the first semester of 1960-61, and report this action for record.

This report was received for record.

DISCLAIMER REQUIREMENT IN STUDENT LOAN FUND PROGRAM OF NATIONAL DEFENSE EDUCATION ACT

(24) The University of Illinois Board of Trustees registers its objections to the disclaimer or affidavit of disbelief oath required of student recipients of federal loans under the National Defense Education Act and urges that the Congress remove the disclaimer oath provisions from the Act during its present session.

The Board, at the same time, emphasizes its approval of the allegiance oath requirement for such loans.

The Board states that despite its objection, the University will continue to participate in the federal loan program if the disclaimer oath is not removed. To withdraw would force many of the more than 400 students now holding federal loans to leave the University since loan funds from other sources are exhausted.

Under these circumstances it seems best to leave to the individual student the decision as to whether or not the taking of the disclaimer oath can be reconciled with the dictates of his conscience.

The foregoing statement was presented by the Vice-President and Provost, representing the President of the University, with the recommendation that it be adopted as the official position of the University on this question.

During the discussion of the recommendation, Mr. Hughes suggested that in lieu of registering objection to the disclaimer oath, the Board recommend a change in the language to remove the objectionable features.

Mr. Harewood stated that in his opinion the Board should not undertake to redraft any provisions of the National Defense Education Act but that it should express its position in general terms.

Mr. Clement spoke in opposition to the disclaimer oath.

At the conclusion of this discussion, on motion of Mr. Clement, this statement was adopted by the Board. Mr. Herrick and Mr. Hughes voted "no."

LIBRARY OF INTERNATIONAL RELATIONS

(25) On November 18, 1959, the Committee on General Policy received a report from the Dean of Library Administration on the availability to the University of the Library of International Relations at 351 East Ohio Street, Chicago. The future of this Library has been a subject for urgent consideration because of its financial problem, and a firm offer was received from Michigan State University for its removal to East Lansing. Desiring to keep the Library in Chicago, its
Trustees have suggested a possible affiliation with the University of Illinois. The Committee on General Policy voted to support the University administration's interest in acquiring the Library of International Relations and the Dean of Library Administration was authorized to negotiate with its Trustees.

The Library's distinguished collection consists of more than 150,000 books, pamphlets, periodicals, and other materials and is valued by its Trustees at a minimum of $500,000. It was developed largely through the financial backing of Chicagoans, and its usefulness increases with Chicago's expansion as a seaport. These are among the many strong practical reasons for keeping the Library in Chicago permanently.

The Trustees of the Library of International Relations have requested an official expression from the Board of Trustees of the University of Illinois of the University's interest in acquiring the Library, this expression to cover specifically two points:

1. That every reasonable effort is to be made to provide a permanent location for the L.I.R. which will be convenient for the Library's established clientele;
2. That the L.I.R. is to be recognized permanently as a distinctive professional collection, with the intent of maintaining it as such rather than merely as a department of an undergraduate library.

The Dean of Library Administration recommends that the Board of Trustees of the University of Illinois officially express to the Trustees of the Library of International Relations the willingness of the University of Illinois to acquire their Library under the following conditions:

1. It will be housed, as a separate unit, in the new library building of the Chicago Undergraduate Division when such a building is erected, and will be maintained as a specialized collection available to the clientele it now serves, as well as to the faculty and students of the University.
2. Special programs of the Library of International Relations, such as discussion groups, seminars, and other types of public relations programs now sponsored by it, will be continued.
3. Since any library that stops growing soon becomes dead or obsolete, the L.I.R. resources will be developed continuously in the fields covered by its present program. This implies systematic acquisition of materials by purchase, exchange, and gift, and the availability of regular operating funds.
4. Since it is important that the present Board of Trustees of the Library of International Relations and Governing Members continue their association with it, following affiliation with the University, these groups would be organized into a "Friends of the Library Society," such as is found in a number of institutions. Except for administrative responsibility, the Society would carry on most of the activities with which the present Trustees and Governing Members are now concerned. Administratively, the Library of International Relations would be attached to the University's Chicago Undergraduate Division Library which reports to the Dean of Library Administration of the University of Illinois.
5. The transfer of the Library of International Relations would include transfer of its staff to the library staff of the University of Illinois.
6. The University will include in its biennial budget estimates for 1961-63 provision for partial financial support of the Library.

If the Board of Trustees approves the foregoing recommendations, it is further recommended that the University's administrative officers be authorized to pursue negotiations with the Trustees of the Library of International Relations with a view to arriving at a firm agreement with regard to the transfer of the Library to the University when the library building on the new Chicago Undergraduate Division campus is completed.

On motion of Mr. Johnston, these recommendations were approved.

INVESTMENTS

Mr. Swain, for the Finance Committee, reported the following changes in investments of trust funds from October 1 through December 31, 1959:
URBANA-CHAMPAIGN Endowment Funds—General

Sale
600 shares Armstrong Cork Company common stock $ 25,696.21

Exchange
$ 10,000 U. S. Savings "G" 234% 6/1/60 for
10,000 U. S. Treasury notes 434% 5/15/64

Purchase
750 shares Caterpillar Tractor Company common stock $ 24,442.55

$ 7,000 U. S. Treasury bonds 3% 8/15/66 6,397.50

Current Funds

Purchase
$ 500,000 U. S. Treasury bills 6/22/60 $ 485,688.89
500,000 U. S. Treasury bonds 21/4% 11/15/66 490,000.00

CHICAGO

Denistry-Medicine-Pharmacy Building—Auxiliary

Purchase
$ 200,000 U. S. Treasury bills 2/4/60 $ 197,908.00
200,000 U. S. Treasury bills 5/5/60 195,521.00

Report of the Comptroller

The Comptroller reported the following changes in unexpended plant fund investments, over which he has authority as shown.

URBANA-CHAMPAIGN

Housing Revenue Bonds of 1959 Series C and D Construction Fund—Peabody Drive (authorized by Board of Trustees resolution dated October 21, 1959)

Purchase
$ 330,000 U. S. Treasury bills 12/17/59 $ 329,332.67
340,000 U. S. Treasury bills 1/15/60 337,954.33
420,000 U. S. Treasury bills 2/18/60 415,572.85
660,000 U. S. Treasury bills 3/17/60 651,164.25
350,000 U. S. Treasury bills 4/15/60 343,668.89
340,000 U. S. Treasury bills 5/12/60 332,552.50
260,000 U. S. Treasury bills 6/22/60 252,886.40
420,000 U. S. Treasury bills 7/15/60 407,675.57
830,000 U. S. Treasury notes 434% 8/15/60 831,296.88
1,235,000 U. S. Treasury certificates 434% 11/15/60 1,236,157.81
160,000 U. S. Treasury notes 338% 5/15/61 158,600.00
550,000 U. S. Treasury notes 4% 8/1/61 546,562.50
50,000 U. S. Treasury notes 4% 8/1/61 49,703.13
60,000 U. S. Treasury bills 10/17/60 57,475.72
70,000 U. S. Treasury bills 4/15/60 69,061.09

Assembly Hall Revenue Bonds Construction Fund (authorized by Board of Trustees resolution dated June 23, 1959)

Purchase
$ 40,000 U. S. Treasury bills 11/12/59 $ 39,903.56
62,000 U. S. Treasury bills 1/7/60 61,911.99
225,000 U. S. Treasury bills 2/11/60 223,670.88
40,000 U. S. Treasury notes 434% 8/15/60 430,000.00
240,000 U. S. Treasury certificates 434% 11/15/60 240,025.00

Housing Revenue Bonds of 1959 Construction Fund—Graduate Housing (authorized by Board of Trustees resolution dated June 23, 1959)

Account B

Purchase
$ 281,000 U. S. Treasury notes 334% 5/15/60 $ 279,068.13

Housing Revenue Bonds of 1958 Construction Fund—Post Office and Snack Bar, and so forth (authorized by Board of Trustees resolutions dated December 17, 1958, and March 12, 1958)

Sale
$ 140,000 U. S. Treasury notes 434% 11/15/63 $ 140,087.50
At this point an executive session was requested and ordered for consideration of the following item of business.

**SALE OF LAND TO ALPHA GAMMA RHO AND DELTA CHI FRATERNITIES**

(26) The Committee on Buildings and Grounds has approved the sale of two tracts of University land adjoining the properties of the Alpha Gamma Rho and the Delta Chi fraternities in the block bounded by Armory Avenue on the north, First Street on the east, Gregory Drive on the south, and Oak Street on the west in the city of Champaign to permit remodeling and expansion of their houses.
Negotiations with the alumni corporations of these fraternities have been concluded at a sales price of $12,470 for the property to be purchased by Alpha Gamma Rho and of $6,340 for the property to be purchased by Delta Chi. These prices represent the average of three appraisals of each. Accordingly it is now recommended that the Board of Trustees authorize the sale of these properties by adoption of resolutions which are submitted herewith.

Resolution

WHEREAS, Alpha of Alpha Gamma Rho Alumni Association, an Illinois not-for-profit corporation, whose principal office is at 602 East Green Street, Champaign, Illinois, hereinafter termed "Purchaser," has offered to purchase the hereinafter described property, upon the terms and conditions hereinafter set forth;

Now, Therefore, Be It And It Hereby Is Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, in the name, and in behalf of, this Corporation to enter into an agreement with Purchaser providing for the sale and conveyance to Purchaser of the hereinafter described property upon the following terms and conditions:

(1) At a sale price of $12,470 with customary adjustments to be made therein for abstracting and closing costs;
(2) This Corporation at its option to furnish Purchaser with a Title Guaranty Policy insuring the title for the full amount of the purchase price or with a merchantable abstract of title and to pay for the required Federal Documentary Tax Stamps;
(3) That the plans and specifications for the proposed construction work which Purchaser intends to have performed for it upon said hereinafter described property will be presented to and approved by the Director of the Physical Plant of this Corporation before Purchaser enters into a contract providing for the construction of the same;
(4) That the deed providing for conveyance of title to the hereinafter described property to Purchaser shall not be executed or delivered until Purchaser has duly entered into a definite and binding contract providing for the performance of such construction work in accordance with plans and specifications as approved by the Director of the Physical Plant of this Corporation and has furnished this Corporation with a copy satisfactory to this Corporation of such contract;
(5) Purchase price to be paid in full at the time of delivery of the deed and possession;
(6) The title to be conveyed to be subject to special assessments becoming a lien after the date hereof, building restrictions and easements of record;
(7) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

It Hereby Is Further Resolved that upon compliance with the terms of said agreement by Purchaser, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name and in behalf of, this Corporation, and under its Corporate Seal, a Quit Claim Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Purchaser title to the following described property, viz:

Situated in the State of Illinois, the County of Champaign and the City of Champaign, and being a part of the NE ¼ of the SE ¼ of Section 13, Township 19 North, Range 8 East of the Third Principal Meridian, and being also a part of Lot 1 of a subdivision of the South ½ of said Section 13 as shown in Plat Book A, Page 348, of the records of said County, and being more fully bounded and described as follows:

Beginning at a point 403.4 feet distant south and 150.0 feet distant west from the southwest corner of Armory Avenue and First Street in the City of Champaign, said point being marked with an iron pipe and being also the southwest corner of a tract of land conveyed to Mae Roland by the University of Illinois, as recorded in Deed Book 199, Page 395, of the records of said County; thence in a northerly direction along a line parallel to the west property line of said First Street, a distance of 100.0 feet to a corner, said
corner being marked with an iron pipe; thence in a westerly direction along a line parallel to the south property line of said Armory Avenue, a distance of 60.0 feet to a corner, said corner being marked with an iron pipe; thence in a southerly direction along a line parallel to the west property line of said First Street, a distance of 104.68 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction along a line parallel to the center line of a University owned street (Gregory Drive extended) a distance of 32.2 feet to a corner, said corner being marked with an iron pipe; thence in a northerly direction along a line parallel to the west property line of said First Street, a distance of 3.5 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction, along a line parallel to the center line of the said University-owned street, a distance of 8.0 feet to a corner, said corner being marked with an iron pipe; thence in a southerly direction along a line parallel to the west property line of said First Street, a distance of 3.5 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction along a line parallel to the center line of the said University-owned street, a distance of 169.8 feet to a corner in the west property line of First Street, said corner being marked with an iron pipe; thence in a northerly direction, along the west property line of said First Street, a distance of 5.24 feet to a corner on the west property line of said First Street, said corner being marked with an iron pipe; thence in a westerly direction along a line parallel to the south property line of said Armory Avenue, a distance of 150.0 feet to the place of beginning.

Resolution

WHEREAS, Upsilon Alumni Corporation, an Illinois not-for-profit corporation, whose principal office is at 1111 South First Street, Champaign, Illinois, hereinafter termed "Purchaser," has offered to purchase the hereinafter described property, upon the terms and conditions hereinafter set forth;

Now, Therefore, Be It And It Hereby Is Resolved, by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, in the name, and in behalf of, this Corporation to enter into an agreement with Purchaser providing for the sale and conveyance to Purchaser of the hereinafter described property upon the following terms and conditions:

(1) At a sale price of $6,340 with customary adjustments to be made therein for abstracting and closing costs;
(2) This Corporation at its option to furnish Purchaser with a Title Guaranty Policy insuring the title for the full amount of the purchase price or with a merchantable abstract of title and to pay for the required Federal Documentary Tax Stamps;
(3) That the plans and specifications for the proposed construction work which Purchaser intends to have performed for it upon said hereinafter described property will be presented to and approved by the Director of the Physical Plant of this Corporation before Purchaser enters into a contract providing for the construction of the same;
(4) That the deed providing for conveyance of title to the hereinafter described property to Purchaser shall not be executed or delivered until Purchaser has duly entered into a definite and binding contract providing for the performance of such construction work in accordance with plans and specifications as approved by the Director of the Physical Plant of this Corporation and has furnished this Corporation with a copy satisfactory to this Corporation of such contract;
(5) Purchase price to be paid in full at the time of delivery of the deed and possession;
(6) The title to be conveyed to be subject to special assessments becoming a lien after the date hereof, building restrictions and easements of record;
(7) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

It Hereby Is Further Resolved that upon compliance with the terms of said agreement by Purchaser, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed, to execute,
acknowledge, and deliver, in the name and in behalf of, this Corporation, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Purchaser title to the following described property, viz:

Situated in the State of Illinois, the County of Champaign and the City of Champaign, and being a part of the NE ¼ of the SE ¼ of Section 13, Township 19 North, Range 8 East of the Third Principal Meridian, and being also a part of Lot 1 of a subdivision of the South 1/2 of said Section 13, as recorded in Plat Book A, Page 348, of the records of said County, and being more fully bounded and described as follows:

Beginning at a point 303.4 feet distant south and 150.0 feet distant west from the southwest corner of Armory Avenue and First Street in the City of Champaign, said point being marked with an iron pipe and being also 100.0 feet distant north from the southwest corner of a tract of land conveyed to Mae Roland by the University of Illinois, as recorded in Deed Book 199, Page 395, of the records of said County; thence in a northerly direction along a line parallel to the west property line of said First Street, a distance of 100.0 feet to a corner, said corner being marked with an iron pipe; thence in a westerly direction along a line parallel to the south property line of said Armory Avenue, a distance of 60.0 feet to a corner, said corner being marked with an iron pipe; thence in a southerly direction along a line parallel to the west property line of said First Street, a distance of 100.0 feet to a corner, said corner being marked with an iron pipe; thence in an easterly direction along a line parallel to the south property line of said Armory Avenue, a distance of 60.0 feet to the place of beginning.

On motion of Mr. Swain, the sale of these properties was authorized and the resolutions were adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Stratton.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) retirements.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)


Bartheley, Carl R., Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-10-59).

Berlstein, Alfred, Bibliographer, with rank of Instructor, in the Library, seven months from February 1, 1960, $7000 a year (12-5-59).

Borbely, Stephen, Research Assistant in Electrical Engineering (S), eight months from January 1, 1960, $5200 a year, supersedes (12-19-59).


Brachman, Edwin F., Assistant in Ophthalmology (Medicine), six months from January 1, 1960, without salary (12-23-59).


Card, Leslie E., Professor of Animal Science and Group Leader, Regional Agricultural Contract in India, two months from November 1, 1959, $1362.50 a month; and Professor of Animal Science (C, S), 1/2 time, eight months from January 1, 1960, $750 a month, supersedes (12-19-59).

Carroll, John R., Associate Professor of Mechanical Engineering (C), indefinite tenure beginning September 1, 1959, to render service during each academic year, $8200, supersedes (1-6-60).
CHAMBERLIN, R. S., Director of the Division of Campus Development (Physical Plant Department), ten months from November 1, 1959, $12,900 a year, supersedes nonacademic appointment (12-15-59).

CHIN, BESSIE, Catalog Assistant in the Library, nine months from December 1, 1959, annual salary $5,000, supersedes (12-15-59).

COHEN, MARY J., Acquisition Assistant in the Library, seven months from February 1, 1960, $6,500 a year (12-19-59).

DAVIS, CARL L., Assistant Professor of Nutrition, Department of Dairy Science (C, S), December 1, 1959-August 31, 1961, $8,000 a year, supersedes (12-15-59).

ECKERT, WILLFORD J., Extension Specialist in the Division of University Extension, eight months from January 1, 1960, $6,500 a year (12-23-59).

ERWIN, JOSEPH C., Clinical Instructor in Pathology (Medicine), March 15-August 31, 1960, without salary (12-19-59).

FLENNNER, MRS. JACQUELINE W., Research Assistant in the Digital Computer Laboratory, December 3, 1959-June 15, 1960, $4,222.22 a month (1-6-60).

GORIUS, STEPHEN W., Associate Psychometrist and Research Assistant in the Student Counseling Service (Chicago Undergraduate Division), nine months from December 1, 1959, $4,650 a year (12-15-59).

GROVE, WILLIAM J., Associate Professor of Surgery (Medicine), indefinite tenure beginning December 1, 1959, $17,000 a year, supersedes (12-15-59).

GUTMANN, DAVID L., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eleven months from October 1, 1959, without salary (12-19-59).

HARKIN, DUNCAN A., Research Associate in Forestry (S), nine months from December 1, 1959, $6,200 a year (11-30-59).


HOSCH, JACK L., Professor of Geology and Associate Member in the Center for Advanced Study (Graduate College and College of Liberal Arts and Sciences), six months from March 1, 1960, to render service during the academic year, $11,000 a year; and Professor of Geology, indefinite tenure beginning September 1, 1960, to render service during each academic year, $11,000 a year, supersedes (12-15-59).

KIMMELSHUE, FLORENCE A., Assistant Professor of Work (C), two years from September 1, 1959, $8,500, supersedes (12-15-59).

KUNKLER, DORIS, Research Assistant in Animal Science (S), one year from February 1, 1960, $4,400 (12-15-59).

LOPEZ-BELIO, MARIANO, Assistant Professor of Surgery (Medicine), 1/4 time, nine months from December 1, 1959, $6,000, supersedes (12-5-59).

MACKLER, HYMAN, Research Associate in Preventive Medicine (Medicine), 1/2 time, eight months from January 1, 1960, $4,020 a year (12-23-59).

MAKLER, GUY R., Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-19-59).


METCALF, GARY E., Research Assistant in Forestry (S), eight months from January 1, 1960, $5,200 a year (12-17-59).


MEYER, MORGAN M., Clinical Instructor in Medicine (Medicine), November 16, 1959-August 31, 1960, without salary (11-30-59).

MIRON, MURRAY S., Research Associate in the Institute of Communications Research (College of Journalism and Communications), 1/4 time, and Instructor in Psychology (College of Liberal Arts and Sciences), 1/4 time, March 1-August 31, 1960, to render service during the second semester of the academic year, $500 a month, supersedes (12-19-59).
NAMBURY, C. N. V., Research Associate in Pharmacy-Chemistry (Pharmacy), nine months from December 1, 1959, $6000 (12-5-59).

Olsen, Barbara A., Library Assistant, seven months from February 1, 1960, $416.66 a month (11-30-59).

Plantinga, Alvin C., Visiting Lecturer in Philosophy, February 1-June 15, 1960, to render service during the second semester of the academic year, $4200 (12-19-59).

Platt, George M., Research Associate and Staff Counsel for the Municipal Law Codification Project (Institute of Government and Public Affairs), ½ time, one month from January 1, 1960, $383.34, and on full time for seven months from February 1, 1960, $766.67 a month (12-23-59).

Polidora, Vincent J., Research Associate in Psychiatry (Medicine), for ten months from November 1, 1959, without salary (12-15-59).

Racher, Alice B., Physician in the Health Service (Chicago Professional Colleges), ½ time, nine months from December 1, 1959, $2300 a year, supersedes (12-15-59).

Reddy, Josina Van Der Maas, Research Associate in Chemistry, ½ time, nine months from December 1, 1959, annual salary $2750 (12-18-59).

Reddy, Thomas B., Research Associate in Chemistry, nine months from December 1, 1959, $5500, supersedes (12-18-59).

Reynolds, Saunon L., Assistant Reference Librarian, with rank of Instructor, nine months from December 1, 1959, $6100 a year, supersedes (12-15-59).


Rosenberg, Marvin S., Clinical Assistant in Medicine (Medicine), one year from September 1, 1959, without salary; on leave of absence for military service (11-30-59).

Rubinstein, Mrs. Virginia, Serials Assistant in the Library, nine months from December 1, 1959, $5000 a year, supersedes (12-15-59).

Russman, Burton A., Clinical Instructor in Ophthalmology (Medicine), nine months from December 1, 1959, without salary (12-23-59).

Sarkissian, John L., Instructor in Biological Sciences (Chicago Undergraduate Division), five months from September 1, 1959, to render service during the first semester of the academic year, $450 a month (12-5-59).


Seidel, Michael C., Research Associate in Chemistry, one year from March 16, 1960, $5500 (12-2-59).

Severson, Robert F., Jr., Student Counselor in the College of Commerce and Business Administration, ½ time, December 1, 1959-June 15, 1960, $200 a month; this is in addition to his ½ time Assistantship in Economics (1-4-60).

Shah, Shantilal N., Research Assistant in Animal Science (S), ten months from November 1, 1959, $5000 a year (12-15-59).


Shohry, Dmytro M., Cataloger, with rank of Instructor, in the Library, seven months from February 1, 1960, annual salary $6500 (12-15-59).

Slater, J. Marlowe, Associate Professor of Education on indefinite tenure, beginning January 1, 1960, and Director of the Office of Teacher Placement on the University Council on Teacher Education, Placement and Follow-Up, January 1, 1960-August 31, 1961, annual salary $11,050, supersedes (12-1-59).

Tarzynski, Marian S., Assistant in Medicine, one year from July 1, 1959, without salary (12-5-59).

Triplehorn, Mrs. Julia H., Reference Assistant in the Library, seven months from February 1, 1960, annual salary $5000 (12-15-59).


Tveten, Mrs. Gloria A., Assistant in Education (University High School), January 1-June 15, 1960, $400 a month (12-2-59).

Werner, Joyce C., Assistant Reference Librarian, with rank of Instructor, nine months from December 1, 1959, $6100, supersedes (12-15-59).
UNIVERSITY OF ILLINOIS

WINCHELL, H. H. FORSYTH, Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-19-59).

YOUNG, MONTAGUE A., Research Assistant in Pedodontics (Dentistry), eight months from January 1, 1960, $4400 a year (12-23-59).

ZAHEER, ARSHAD KHWAJA, Assistant in Radiology (Medicine), one year from September 1, 1959, without salary (12-23-59).

ZAYAS, AGENOR MANUEL, Research Assistant in Physical Medicine and Rehabilitation (Medicine), January 4-August 31, 1960, $4800 a year (12-19-59).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

ADEL, WILLIAM M., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, $200 a month (12-17-59).


FAVATA, JAMES, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, $600 (12-17-59).

GREEN, CHARLES R., Kendric C. Babcock Teaching Fellow in Political Science, nine months from September 16, 1959, $1450, supersedes (12-23-59).

HALE, RALPH, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, $600 (12-17-59).

HOLZREGER, J., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, $200 a month (12-17-59).

HONG, GEORGE, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, $600 (12-17-59).

JANKOWSKI, GERALD, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, $600 (12-17-59).

LYLE, JAY G., Ford Foundation Postdoctoral Fellow in the Institute for Research on Exceptional Children, six months from February 1, 1960, $416.66 a month (12-24-59).

MEYERS, STUART, United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, $600 (12-17-59).

MURRAY, ELLIOTT C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), one year from September 1, 1959, $2400 (11-17-59).

NACHAZEL, JR., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, $200 a month (12-17-59).

RAAB, GEORGE H., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, $200 a month (12-17-59).

ROBBINS, JOSEPH M., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, $200 a month (12-17-59).

SCHWERTZ, RICHARD E., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges), six months from January 1, 1960, $200 a month (12-17-59).

WILSON, STUART D., United States Public Health Service Medical Student Part-time Research Fellow in the Chicago Professional Colleges, nine months from September 16, 1959, $600 (12-17-59).

RESIGNATIONS AND DECLINATIONS

ALIMCHANDANI, H. R., Research Assistant in Animal Science (S) — declination effective February 1, 1960.
ANDREWS, CHARLES B., Instructor in Orthopaedics, in the Department of Orthopaedic Surgery, and Orthopaedist in the Respiratory Center (Medicine) — resignation effective December 7, 1959.
BADNER, MINO, Fellow in Art — resignation effective December 1, 1959.
BARKER, MRS. CAROLINE J., Serials Cataloger, with rank of Instructor, in the Library — resignation effective January 1, 1960.
BASSETT, C. GREGORY, Associate Professor of City and Regional Planning — resignation effective March 1, 1960.
BENZIES, SANDRA J., Instructor in Occupational Therapy (Medicine) — resignation effective January 1, 1960.
BLANKENSHIP, VORRIS J., IBM Fellow in Statistics (Data Processing) — resignation effective November 1, 1959.
CHONG, ELAINE, Assistant in Psychiatry (Medicine) — resignation effective November 15, 1959.
FALLS, HUGH C., Physician in the Health Service (Chicago Professional Colleges) — resignation effective December 26, 1959.
HILSDORF, HUBERT, Research Associate in Theoretical and Applied Mechanics (S) — resignation effective November 1, 1959.
HUGHES, MARCIA G., Clinical Instructor in Psychiatry (Medicine) — resignation effective November 1, 1959.
LENNOX, EDWIN S., Associate Professor of Biological Chemistry — resignation effective March 1, 1960.
MURRAY, ELLIOTT C., Assistant in Psychiatry (Medicine) — resignation effective September 1, 1959.
PAGE, DONALD M., Assistant in the Institute of Aviation — resignation effective December 19, 1959.
REICH, CLAUDE V., Instructor in Microbiology (Medicine) — resignation effective January 1, 1960.
ROSE, S. MERYL, Professor of Zoology — resignation effective September 1, 1960.
SALMON, HONORA E., Instructor in Occupational Therapy (Medicine) — resignation effective January 1, 1960.
SIEVERS, MRS. JOAN, Instructor in Home Economics 4-H Club Work (E) — resignation effective January 1, 1960.
THOMAS, MRS. RUTH G., Assistant in Physical Education for Women (Chicago Undergraduate Division) — resignation effective February 1, 1960.
WIGDERSON, HARRY I., Instructor in Education — resignation effective January 1, 1960.
WORTHINGTON, JOHN H., Manager of Public Information Office (Chicago Professional Colleges) — resignation effective February 11, 1960.

LEAVES OF ABSENCE

RUINA, JACK P., Professor of Electrical Engineering, and Research Professor in the Coordinated Science Laboratory, College of Engineering — extension of leave of absence, without pay, for seven months from February 1, 1960.

RETIREMENT


FEBRUARY AND MARCH MEETINGS

The Board had previously voted to hold its February meeting on Wednesday, February 24, 1960, in Urbana, Illinois.

On motion of Mr. Swain, the Board voted to change the date of the annual meeting from March 8, 1960, the second Tuesday, to Wednesday, March 16, 1960, to be held in Chicago at an hour and place to be determined by the President of the Board.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President
The February meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Wednesday, February 24, 1960, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Wirt Herrick and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. Joseph S. Begando, Assistant to the President, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. C. E. Flynn, Director of Public Information; and the officers of the Board, Mr. C. W. Weldon, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
COMMITTEE MEETINGS

Meetings of the Board’s Committees on General Policy, Buildings and Grounds, Finance, and Chicago Departments were held in the forenoon beginning at 9:00 a.m. and again beginning at 3:30 p.m., following the Board meeting.

ADDRESS BY PROFESSOR NORMAN A. GRAEBNER

During the luncheon recess, following Board committee meetings, Dr. Norman A. Graebner, Professor of History and Chairman-elect of the Department of History, addressed the Board, discussing the work and goals of the Department.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on July 21, September 16, October 21, and November 18, 1959, press proof copies of which had been previously been sent to the Board.

On motion of Mr. Johnston, these minutes were approved as printed on pages 559 to 1089, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

(1) The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in November, 1959, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended:

<table>
<thead>
<tr>
<th>Candidate</th>
<th>Location</th>
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<tbody>
<tr>
<td>Byrle Marsh Abbin (Evanston)</td>
<td>John Miller Brown (Berwyn)</td>
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<tr>
<td>Edward Michael Abrams (Chicago)</td>
<td>George Nicholas Cappadai (Nortidge)</td>
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<td>Max James Adler (Chicago)</td>
<td>Norbert Francis Chandler (Marengo)</td>
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<tr>
<td>George E. Allen (Chicago)</td>
<td>Michael Chemers (Skokie)</td>
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<tr>
<td>William Anthony Ameling (Deerfield)</td>
<td>Samuel Joseph Chiprin (Chicago)</td>
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<td>Joseph Martin Antosz (Chicago)</td>
<td>Kenneth Eugene Christian (Springfield)</td>
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<td>Charles David Bailin (Chicago)</td>
<td>Daniel James Ciecko (Chicago)</td>
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<tr>
<td>John Charles Baloun (Chicago)</td>
<td>Jerrell Dale Clark (Chicago)</td>
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<td>Dallas Earl Bandy (Belleville)</td>
<td>Howard Ronald Cohen (Chicago)</td>
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<td>Arnold Richard Barnett (Chicago)</td>
<td>Thomas Francis CONROY, Jr. (Chicago)</td>
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<td>Gene Joseph Baroni (Berwyn)</td>
<td>Harold Eugene Cortwright (Riverside)</td>
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<tr>
<td>Patrick John Barrett (Evergreen Park)</td>
<td>William Richard Cottle (Glencoe)</td>
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<tr>
<td>Lucien Raymond Battiato (Chicago)</td>
<td>ROYAL LEE COX (Chicago)</td>
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<tr>
<td>Arthur Charles Baumann, Jr. (Lombard)</td>
<td>Luther Dearborn, Jr. (Evanston)</td>
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<tr>
<td>Thomas Howard Beechy (Chicago)</td>
<td>Russell Glenn DeVoy (Chicago)</td>
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<tr>
<td>Allan Edward Biebin (Chicago)</td>
<td>Thomas Albert Donahoe (Evanston)</td>
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<tr>
<td>Bruce Howard Block (Chicago)</td>
<td>Raymond Henry Downey, Jr. (Decatur)</td>
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<tr>
<td>Philip Block (Chicago)</td>
<td>Roger Lyle Duitsman (Dixon)</td>
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<tr>
<td>Dan Schumpert Blount (Lisle)</td>
<td>Robert John Edwards (Peoria)</td>
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<tr>
<td>William Henry Bosbin, Jr. (Chicago)</td>
<td>Raymond Clyde Eggleston (Oak Lawn)</td>
</tr>
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<td>Martin Lee Bogot (Chicago)</td>
<td>Gene Russell Ehren (Pontiac)</td>
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<td>James Rockne Booth (Chicago)</td>
<td>Charles Robert Enever (Chicago)</td>
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<tr>
<td>Marvin Bornstein (Chicago)</td>
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1960

UNIVERSITY OF ILLINOIS

EARL DAVID EPSTEIN (Glenview)
DAVID LEE FAGEN (Chicago)
DANIEL ROY FELDMAN (Skokie)
JAMES WILLIAM FENNER (Chicago)
LIBORIO JACK FERRACANE (Elmwood Park)
MIKLOS CHARLES FERTSEK (Chicago)
RALPH SAMUEL FINE (Chicago)
MARVIN EUGENE FINN (Des Plaines)
THOMAS PETER FLEMMING, JR. (Chicago)
NORMAN PHILIP FOSTER (Chicago)
ALAN ARTHUR FOX (Chicago)
JOHN CLEMENT FRIEDEN (Moline)
HAZEL HOFFMAN FRIGERIO (Willow Springs)
JAMES RONALD GABBARD (Oak Park)
WILLARD HAROLD GALLIART (Chicago)
JOHN ALFRED GARDA (Addison)
JOHN ELROY GESSERT (Arlington Heights)
LAWRENCE PATRICK GLASCOTT, JR. (Chicago)
JERRY LEON GOLDBERG (Chicago)
RAYMOND GOLDFARB (Chicago)
FRED LOUIS GOODMAN (Chicago)
SOL GOODMAN (Chicago)
JULIAN IRVING GOILAY (Chicago)
HAROLD GOODMAN (Chicago)
MORTON HERBERT GOODMAN (Lincolnwood)
JOSEPH SANFORD GRAY (Chicago)
KENNETH VIRGIL GRAY (Decatur)
RONALD GREENBerg (Chicago)
SYLVAN RAY GROSS (Chicago)
DONALD JAMES GROSSMAN (Evanston)
ORIN ROSS GRUBER (River Forest)
ROGER WILLIAM GRUNDSTROM (Chicago)
VINCENT ALOYSIUS GUEST (Chicago)
WILLIAM BERNARD HAASE (Chicago)
RICHARD HANSEN (Itasca)
ROBERT CHESTER HARTMANN (Chicago)
DANIEL MILLER HEALY (Arlington Heights)
CLIFFORD STANLEY HICKS (Elmhurst)
WAYNE MELVIN HIGLEY (Urbana)
GERARD CHARLES HILLSMAN (Evanston)
RICHARD MARVIN HIRSCH (Chicago)
STANLEY HOFFMAN (Chicago)
RAYMOND PATRICK HORAN (Chicago)
SHELDON YEU HOWARD (Chicago)
DELES DERNER INGWERSON (Glenview)
LESLIE JACOB (Maywood)
CALVERD FALK JACOBSON (Chicago)
GEORGE WILLIAM JAMES (Oak Park)
WILLIAM JAMES JOHNSON (Chicago)
JOHN HENRY JONES, JR. (East St. Louis)
ISAAC KASCH (Chicago)
GERALD KAPLAN (Chicago)
NOEL KAPLAN (Chicago)
JOSEPH GEORGE KASKI, JR. (Riverside)
MELVIN LEROY KATTEN (Chicago)
ROBERT JOHN KAUTZI (Niles)
PAUL KESSLER (Chicago)
MORRIS MAX KLAIMAN (Chicago)
CHARLES MILTON KLEIM (Chicago)
WALTER HARRY KLEINSTEIN (Skokie)
PAUL CLETUS KRAPFL (Chicago)
ROBERT JAMES KRUEGER (Chicago)
GEORGE THEODORE KUTUNIS (Rock Island)
ALAN BUDWORTH LANGE (Morton Grove)
THOMAS DOMINICK LAROCCA (Chicago)
LAWRENCE EVENETT LAUSSEN (Chicago)
EDWARD DEYO LEFEVRE (Peoria)
JAMES GLASSMAN LERNER (Chicago)
VICTOR ALAN LEVI (Chicago)
BARRY LEVITT (Chicago)
RALPH INGOLF ISAAC LEBY (Chicago)
ANDRE A LEE LIDSKY (Chicago)
LORNE MERRIT LOCKER (Roselle)
HILLARD IRWIN LOVETT (Chicago)
FRANK GILBERT LOWNDS (Des Plaines)
THOMAS JOSEPH LYDON, JR. (Chicago)
KENNETH ALLEN MACKENZIE (Chicago)
SHERWIN SAMUEL MALIS (Chicago)
JUD David MALKIN (Chicago)
JEROME DAVID MALLER (Chicago)
GEORGE GUST MARINAKIS (Chicago)
BERVAL WAYNE MARKWELL (Berwyn)
DAVID HAYNER MARSHALL (Brookfield)
JACK VINCENT MCAVINCEY (Westmont)
FREDERICK ALBERT MESENBRINK (Villa Park)
DONALD CARL MESSNER (Rockford)
LAURANCE JOSEPH MEYER (Chicago)
LERoy WALTER MEYER (Chicago)
HAROLD JOHN MILLER (Chicago)
ROBERT PAUL MINTZ (Chicago)
JOSEPH HENRY MOWEYENHOF (Peoria)
RICHARD ADRIAN MORAN (Chicago)
ALVIN WILLIS MOCSON (Fedin)
ROBERT JOHN NEARY (Peoria)
WALTER JOSEPH NEWTON (Oak Park)
GALER DWIGHT NISSLY (Waukegan)
BERIT DONALD NORDIN (Morton Grove)
STEPHEn JOSEPH 0'CONNOR (Chicago)
JOHN REX ODOM (Elmhurst)
WILLIAM ROBERT OHEN (Peoria)
ROBERT JOSEPH OSWALD (Mount Prospect)
DONALD CHARLES PETERSON (Chicago)
BERNARD PIERCE (Chicago)
RAYMOND WESLEY PITCHFORD (Nashville)
HAROLD LEON PORTER (Springfield)
ROY EDWARD POSNER (Villa Park)
DAVID CHARLES RANNEY (Lombard)
WILLIAM THOMAS REES (Chicago)
ROBERT EARL REICHO (Barrington)
JERRY MICHAEL REINDORF (Chicago)
EUGENE FRITZER KETZER (Peoria)
The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943, as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEWTY CLYDE HOSPITAL, Jr.</td>
<td>Park Ridge</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>JOHN HENRY KOLHOVEN</td>
<td>Wheaton</td>
<td>Ohio</td>
</tr>
<tr>
<td>MELVIN DEWEY MOERSH</td>
<td>Mount Vernon, New York</td>
<td>New York</td>
</tr>
<tr>
<td>PHILLIP KENNETH SEIDMAN</td>
<td>Memphis, Tennessee</td>
<td>Michigan</td>
</tr>
<tr>
<td>ROBERT LEO SPENCER</td>
<td>Los Angeles, California</td>
<td>New York</td>
</tr>
</tbody>
</table>

On motion of Mr. Harewood, these certificates were awarded.

**APPOINTMENTS TO THE FACULTY**

(2) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. MAGNUS AGUSTSSON, Clinical Assistant Professor of Pediatrics, beginning January 1, 1960, without salary (DY).
2. JOHN H. BIEL, Lecturer with rank of Assistant Professor, in the Department of Psychiatry, College of Medicine, beginning January 1, 1960, on 15/100 time, at an annual salary of $7,800 (DY15).
3. ROY M. HAMLIN, Professor of Psychology, beginning February 1, 1960, on one-third time, at an annual salary of $3,600 (E33).
4. ESTEL B. PENDRIN, Visiting Professor of Mechanical Engineering, for the academic year 1960-61, at a salary of $13,000 (E).
5. STANLEY W. RAIN, Assistant Director of Housing for Counseling and Residence Operations, in the Housing Division, beginning February 1, 1960, at an annual salary of $8,970 (DY).
6. DIEGO SEGRE, Professor of Veterinary Microbiology and Public Health, in the Department of Veterinary Pathology and Hygiene, and in Veterinary Research, Agricultural Experiment Station, beginning February 1, 1960, at an annual salary of $11,500 (AY).

7. PAUL D. SHAW, Assistant Professor of Plant Pathology, beginning July 1, 1960, at an annual salary of $8,000 (BY).

8. ROMAN TOTENBERG, George A. Miller Visiting Professor of Music, for the academic year 1960-61, at a salary of $11,500 (E).

On motion of Mr. Harewood, these appointments were approved.

APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE

(3) Appointments to the University of Illinois Citizens Committee are made by the Board of Trustees upon the recommendation of the President of the University. I submit nominations for new appointments for a period of three years from January 1, 1960, and nominations for reappointments for a period of three years from January 1, 1960, of a number of members whose terms have expired.

New Appointments

JOHN D. AMES  
Partner, Bacon, Whipple and Company  
135 South LaSalle Street, Chicago 3

ALFRED BENESCH  
Consulting Engineer, Alfred Benesch and Associates  
10 South Wabash Avenue  
Chicago, Ill. 3

G. W. BOHANNON  
President, The Pullman Company  
165 North Canal Street  
Chicago 6, Ill. 3

S. G. BURRITT  
President, Starline Ink  
Harvard, Ill. 3

WAYNE CLEMENS  
Assistant Attorney General, State of Illinois  
Box 275  
Golconda, Ill.

ROBERT M. COLE  
Executive Director, Illinois Association of School Boards  
223½ East Washington Street  
Springfield, Ill. 3

ARTHUR J. CORDING, Farmer  
Route 1, Box 43  
Galena, Ill. 3

MARK COX  
Vice-President in charge of Sales and Marketing, Golfcraft, Inc.  
7050 West Addison Street  
Chicago 34, Ill. 3

OLIVER C. DAGGER  
President, The National Bank of Sterling  
24 East Third Street  
Sterling, Ill. 3

STEWART D. DANIELS  
Executive Secretary, Alpha Tau Omega Fraternity  
627-629 East Green Street  
Champaign, Ill. 3

JOSEPH M. DAVID  
President, The Lewie David Company  
P.O. Box 272  
Sullivan, Ill. 3

W. M. DILLON  
President, Northwestern Steel and Wire Company  
Sterling, Ill. 3

JOHN D. DOUGLAS  
401 North Main  
Benton, Ill. 3

HAROLD D. DUPLOTH  
General Manager, Illinois Gas Company  
1307 Seventeenth Street  
Lawrenceville, Ill. 3

FRED T. EHLEERT  
Division Superintendent, Acme Steel Company  
201 West 146th Street  
Riverdale 27, Ill. 3

DR. LESTER E. FISHER, Veterinarian  
238 North Delaplaine Road  
Riverside, Ill. 3

CHARLES W. FURST  
President, Furst-McNess Company  
120 East Clark Street  
Freeport, Ill. 3

HOMER B. HARRIS, JR., Attorney  
Griesheim Building  
Lincoln, Ill. 3

B. W. HEINEMAN  
Chairman, Chicago and North Western Railway Company  
400 West Madison Street  
Chicago 6, Ill. 3
Leonard Hicks
Vice-President and Managing Director,
Pick-Congress Hotel
Chicago, Illinois

Judge William J. Hill
County Judge
Toledo, Illinois

A. Emanuel Johnson, Farmer
Route 2
Aledo, Illinois

Leo Knupp
Insurance and Variety Store Owner
208 Fourth Street
Vienna, Illinois

William J. Kuhfuss
President, Illinois Agricultural Association
43 East Ohio Street
Chicago 11, Illinois

O. J. Lere
Publisher, The LeRoy Journal
110 South Daniel Street
LeRoy, Illinois

Dr. Lester O. Little
Superintendent of Schools
Twelfth and Maine
Quincy, Illinois

Ir. C. Martin
President and Chairman of the Board,
Woodward Governor Company
5001 North Second Street
Rockford, Illinois

Reappointments

Eugene Abegg
President, Illinois National Bank and Trust Company
230 South Main Street
Rockford, Illinois

Elmer Airhart
Farmer
Route 1, Box 121
Savanna, Illinois

Vaughn Anderson
Farmer
Rushville, Illinois

John P. Ballman
Investment Banker
105 West Adams Street
Chicago 3, Illinois

G. Wilbur Bell
Farmer and Grain Dealer
Route 2
Chandlerville, Illinois

George C. Biggar
President and Manager, WL BK
711 North First Street
DeKalb, Illinois

Stanley Parcellis
Librarian, The Newberry Library
60 West Walton Street
Chicago 10, Illinois

Mrs. Ralph Peak
Winchester, Illinois

James E. Rutherford
Vice-President in charge of Mid-America Operations, Prudential Insurance Company of America
Prudential Plaza
Chicago 1, Illinois

Robert W. Sink
Editor, Champaign-Urbana Courier
214 West Vermont Street
Urbana, Illinois

Stanton K. Smith
President, Smith Oil and Refining Company
1102 Kilburn Avenue
Rockford, Illinois

Raynor F. Sturgis, Jr.
Vice-President, Pure Oil Company (Chicago)
200 South River Street
Geneva, Illinois

Wilbur M. Sutherland, Farmer
McNabb, Illinois

Charles M. Zippelott
Managing Secretary, Association of Commerce
Urbana, Illinois

Reuben A. Borsch
Attorney
Room 1400
38 South Dearborn Street
Chicago 3, Illinois

Bishop Charles W. Brashares
77 West Washington Street
Chicago 2, Illinois

William Bride, Farmer
Box 84
Villa Ridge, Illinois

The Right Reverend Gerald Francis Burghill
Bishop of Chicago Episcopal Church
65 East Huron Street
Chicago 11, Illinois

James Cannell, Farmer
Route 1
Capron, Illinois

Walter F. Carey
President, Dealers Transit, Inc.
12601 South Torrence
Chicago 33, Illinois
THOMAS H. COULTER  
Chief Executive Officer, Chicago Association of Commerce and Industry  
30 West Monroe Street  
Chicago 3, Illinois  

Colonel HENRY CROWN  
Business Executive  
300 West Washington Street  
Chicago 6, Illinois  

HENRY DRIEMEYER  
Attorney  
322 First National Bank Building  
East St. Louis, Illinois  

DR. L. A. FLOYD  
Dental Surgeon  
Greenville, Illinois  

GUY C. FULLER  
Soil Conservation Service, U.S.D.A.  
708 Western Avenue  
Macon, Illinois  

JOSEPH GERMANO  
Director, District No. 31, United Steelworkers of America  
Room 2425  
333 North Michigan Avenue  
Chicago, Illinois  

A. ZOLA GROVES  
Assistant Attorney General, State of Illinois  
5030 Sheridan Road  
Chicago 40, Illinois  

THOMAS J. HAGGERTY  
Secretary-Treasurer, Milk Drivers Union  
220 South Ashland Boulevard  
Chicago 7, Illinois  

MRS. JAMES B. HALE  
Omaha, Illinois  

WILLARD S. HANSEN  
Editor, The News-Gazette  
720 Southwest Drive  
Champaign, Illinois  

EARL H. HANSON  
Superintendent of Schools  
Rock Island, Illinois  

WILFRED H. HEITMANN  
Banker  
Northwest National Bank of Chicago  
3985 Milwaukee Avenue  
Chicago 41, Illinois  

MRS. FRANK P. HIXON  
999 Walden Lane  
Lake Forest, Illinois  

FRED K. HOEHLER  
Consultant to the Mayor of Chicago  
64 East Lake Street  
Chicago 1, Illinois  

J. WARD HOPWOOD  
Farmer and Land Owner  
P.O. Box 126  
Athens, Illinois  

ROBERT B. HOWARD  
Dairy Farmer — Breeder of Pure Bred Holstein Cattle  
Route 2  
Dundee, Illinois  

ROBERT JOHNSTON  
Regional Director, UAW  
Room 900  
54 West Randolph Street  
Chicago 1, Illinois  

WILLIAM V. KAHLER  
President, Illinois Bell Telephone Company  
212 West Washington Street  
Chicago 6, Illinois  

CHRIS R. KETRIDGE  
Editor, The Star-Courier  
724 Henry Street  
Kewanee, Illinois  

RICHARD LOCKHART  
President, Social Engineering Associates (Public Relations)  
343 South Dearborn Street  
Chicago 4, Illinois
EDWARD C. LOGELIN  
Vice-President, United States Steel Corporation  
208 South LaSalle Street  
Chicago 4, Illinois  

Major LENOX R. LOHR  
President, Museum of Science and Industry  
57th Street and South Lake Shore Drive  
Chicago 37, Illinois  

LOUIS LUSSENHOP  
Farmer  
Manito, Illinois  

LAWRENCE McMANUS  
Livestock and Grain Farmer  
Reynolds, Illinois  

T. E. MCNAMARA  
Banker  
Streator, Illinois  

RICHARD P. MATTHIessen  
Porter International Company  
60 East Scott Street  
Chicago 10, Illinois  

R. D. MAXSON  
Consulting Engineer  
330 Cottage Hill Avenue  
Elmhurst, Illinois  

HOWARD G. MAYER  
Chairman of the Board, Mayer and O'Brien, Inc. (Public Relations Counseling)  
333 North Michigan Avenue  
Chicago 1, Illinois  

Monsignor THOMAS A. MEEHAN  
Pastor, St. Basil Church  
1850 West Garfield Boulevard  
Chicago 9, Illinois  

HARRY J. NEUMiller  
President, Humitube Manufacturing Company  
233 North Madison Street  
P.O. Box 929  
Peoria, Illinois  

DEXTER OBENHAUS  
Feed Mill Owner  
Route 1  
Princeton, Illinois  

JOHN M. Olin  
Chairman of the Financial and Operating Policy Committee and of the Executive Committee, Olin Mathieson Chemical Corporation  
East Alton, Illinois  

ALVA W. PHelpS  
Chairman of the Board, The Oliver Corporation  
400 West Madison Street  
Chicago 6, Illinois  

C. EDWARD RAYMOND  
President, DeKalb Chronicle Publishing Company  
DeKalb, Illinois  

BEN REGAN  
President, Nationwide Food Service, Inc.  
18 South Michigan Avenue  
Chicago 3, Illinois  

ARTHUR H. RICE  
Editor, The Nation's Schools  
Apartmmt 2107  
900 North Lake Shore Drive  
Chicago 11, Illinois  

ARTHUR J. SCHMITT  
Chairman, Amphenol-Borg Electronics Company  
Broadview, Illinois  

MRS. JOSEPH C. SHANKLIN  
Toluca, Illinois  

P. L. SIEMLER  
General Vice-President, International Association of Machinists  
Suite 1612  
176 West Adams Street  
Chicago 3, Illinois  

JOHN SLEZAK  
Chairman, Kable Printing Company, (Mt. Morris)  
711 West State Street  
Sycamore, Illinois  

BURRELL L. SMALL  
Newspaper Publisher and Radio Station Manager  
Kankakee Daily Journal  
Kankakee, Illinois  

HERMON DUNLAP SMITH  
Insurance Broker  
231 South LaSalle Street  
Chicago 4, Illinois  

LUCIUS S. SMITH, Jr.  
Publisher  
Box 108  
DuQuoin, Illinois  

LEONARD SPACEK  
Managing Partner, Arthur Andersen and Company  
120 South LaSalle Street  
Chicago 3, Illinois
CHANGES IN STUDENT FEES

(4) The Committee on Fees recommends the following changes in fees, effective September, 1960:

1. Laboratory, Library, and Supply Fee at Urbana-Champaign and at the Chicago Undergraduate Division, increase from $10.00 to $12.00 a semester,
2. Discontinuance of the University High School Tuition Fee of $25.00 a semester,
3. Establishment of a Student Activity Fee of $7.00 a semester at the University High School.

The fees for the Summer Session will be half these amounts. Students carrying eight semester hours of undergraduate or two units of graduate work or less in a semester (four hours or one unit or less in the Summer Session) will be charged one-half the Laboratory, Library, and Supply Fee.

The increase now proposed is proportionately somewhat less than the general increase in the price level of laboratory materials and supplies, but the two-dollar adjustment is considered adequate at this time.

The University High School is a laboratory, hence it is desirable to have pupils of various aptitudes and talents. Elimination of the tuition fee is recommended so that gifted children from families of low economic status can be included in the program. Laboratory schools in other state-supported institutions of higher education in Illinois do not charge tuition, and a similar practice is followed in other states.

The University High School Student Activity Fee will eliminate the sale of activity tickets, ticket sales at plays and athletic events, sales at the school store and carnival, and sale of advertising in the yearbook. Outside support is available to take care of the fee for pupils from families in low income brackets.

1 concur.

On motion of Mr. Clement, these changes in fees were approved as recommended.

REQUIREMENTS FOR ADMISSION TO COLLEGE OF MEDICINE

(5) The Chicago Professional Colleges Senate, with the concurrence of the
Urbana and Chicago Undergraduate Division Senates recommend the following changes in existing admissions requirements for entrance to the College of Medicine:

- An increase in the total number of semester hours of premedical college work from eighty-eight to ninety-four semester hours.
- A change in specific course requirements to include the study of nuclear physics, and the addition of six hours in one subject-matter area in advanced (junior and senior) undergraduate courses not presently included in the specified requirements in chemistry, physics, biology, English, foreign language, social sciences, and humanities. The number of electives permitted, twenty-eight semester hours, remains the same.

The objectives of this change are to assure that students planning to study medicine are provided adequate preparation in certain sciences on which the medical curriculum is based, a breadth of education, particularly in nonscience areas, and depth in education in at least one subject-matter area.

It is proposed that this change become effective for students beginning their premedical studies in September, 1962.

A supporting memorandum giving the details of these changes and a statement from the Dean of the College of Medicine is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur in these recommendations.

On motion of Mrs. Watkins, this recommendation was approved.

LEASE OF SPACE FOR AGRICULTURAL EXTENSION SERVICE

(6) The Director of the Agricultural Extension Service and the Vice-President and Comptroller recommend the lease of Suite 301-303 in the 188 Randolph Tower Building, Chicago, from March 1, 1960, to June 30, 1961, at a rental of $300 and $450 a month. Since the space will not be completely used prior to July 1, the rental for the first four months has been reduced to $300 a month. The space will be occupied by the 4-H Club staff which will be expanded through private contributions obtained through the Steering Committee for Urban 4-H Club Work. The rental will also be paid from these funds after July 1, 1960, and from federal extension funds prior to July 1.

I concur.

On motion of Mr. Johnston, this lease was authorized.

REASSIGNMENT OF FUNDS

(7) On July 29, 1959, the Board of Trustees approved several appropriations to provide additional classroom space for the College of Liberal Arts and Sciences, one item of which was $29,500 for remodeling in the Natural History Building.

The cost of the work was less than estimated, and the Vice-President and Provost and the Vice-President and Comptroller recommend that $5,425 of this amount be reassigned for remodeling in Davenport Hall and in the Woodshop to provide two additional classrooms.

On motion of Mr. Harewood, this reassignment was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

SPECIAL APPROPRIATIONS

(8) The Vice-President and Provost and the Vice-President and Comptroller recommend the following assignments from the General Reserve:

Remodeling in the Physics Laboratory to provide additional laboratory space for the Departments of Physics and of Mining and Metalurgical Engineering .............................................. $13,640

Equipment for producing liquid nitrogen ............................................. 5,600

To be supplemented by $15,000 from funds budgeted for assignment

1 The Senate Committee on Educational Policy, acting for the Urbana-Champaign Senate on this matter, has approved the change and has advised that in its judgment action by the Urbana-Champaign Senate is not required.
by the University Research Board, and approximately $11,000 from reserves for replacement of liquid nitrogen facilities.

Repairs and initial maintenance on property at 1207 West Stoughton Street, Urbana .................................................. 3 572

An annual recurring assignment for operation and future maintenance of this property ...................................................... 2 375

Remodeling in Illini Hall for safety improvements and additional office space ................................................................. 8 000

Remodeling in Arcade Building and Illini Hall to provide additional space for Statistical Service Unit ..................................... 68 000

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

ENGINEERING SERVICES FOR IMPROVEMENTS IN UPPER EMBARRASS RIVER DRAINAGE DISTRICT

(g) Landowners in the Upper Embarrass River watershed, south of and adjacent to University property in the area, have instituted proceedings to organize the "Upper Embarrass River Drainage District" and to improve the main channel of this river from the Philo Road north and northwest into and through University property along the west fork of the channel. There are approximately 14,400 acres in the drainage area, but for the present the District will include approximately 9,866 acres of which 1,280 acres are University property. The balance may later be annexed to the District.

The proposed construction will be 33,000 feet of ditch improvement, approximately 12,000 feet across University property, and the underpinning or rebuilding of bridge structures. Preliminary estimates of cost are $264,000 of which the University's proportionate share would be $93,000, the city of Urbana's share would be $21,000, and the cost to the District would be $150,000.

Need for this improvement is of long standing, and it will be of benefit to the University if adequately engineered. It would provide an outlet for the University's proposed southwest campus storm sewer and the southwest campus storm sewer to be constructed in cooperation with the city of Urbana.

The Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend that the University participate and share in the cost of this improvement provided that:

1. The University's participation and share in the cost will be on a contractual basis and subject to availability of funds. (No funds are currently available.)

2. The extent of the University's participation and share in the cost will be based on an independent engineering analysis of the design of the improvements to be made, the anticipated benefits to the University, the reasonableness of cost of the improvements, and the equitable distribution of the cost.

3. The report of the engineers for the District, including plans, specifications, and estimates to be filed with the County Court, will be available to the University for review.

It is further recommended that the firm of Wilson and Anderson, Champaign, be employed by the University to make an independent engineering analysis of the project and the proposed improvements, these services to include (a) general review of information now available pertaining to the proposed District and its relation to University properties; (b) a review and analysis of the proposed improvements to evaluate the total and comparative benefits to University properties; (c) a report of findings under (a) and (b) together with recommendations for assistance in negotiation of an agreement with the District; and (d) expert witness testimony or other technical assistance as may be authorized by the University.

The estimated cost of these services will be $1,500.

The Committee on Buildings and Grounds has reviewed these recommendations and is prepared to support them.

I concur and recommend an assignment of $1,500 from the General Reserve for these services.
On motion of Mr. Hughes, this recommendation was approved, and the requested assignment of funds was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

**CONTRACTS FOR FOOD SERVICE EQUIPMENT IN MEN'S RESIDENCE HALLS**

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $261,646 to the Illinois Range Company, Mount Prospect, Illinois, the lowest bidder, for the food service equipment to be installed in the Peabody Drive Residence Halls for undergraduate men students now under construction. This Company is currently completing an equipment contract for the Central Food Stores Building and is doing it in a very satisfactory manner.

Funds are available in the proceeds of the bond issue for this project.

I concur.

On motion of Mr. Swain, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

**CONTRACT FOR INTERIOR DECORATING IN MEN'S RESIDENCE HALLS**

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of Ernst C. Von Ammon, 920 North Michigan Avenue, Chicago, for interior decorating services in the public areas of the Peabody Drive Residence Halls at a fee of $5,000, which is less than four per cent of the estimated cost of the furnishings for which he will be responsible.

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

**CONTRACT FOR COOLING TOWER REPLACEMENT ON THE ILLINOIS NEUROPSYCHIATRIC INSTITUTE BUILDING**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $8,978 to the Mutual Contracting Company, Chicago, the lowest bidder, for the replacement of a cooling tower on the Illinois Neuropsychiatric Institute Building in Chicago.

The work will include demolition of the present obsolete tower from the roof of the building and the installation of structural steel, roofing, and siding and the setting in place of a new cooling tower being purchased by the University. The tower which was built into the top of the Illinois Neuropsychiatric Institute Building when it was constructed by the State Department of Public Welfare in 1940 does not have the capacity now required and is in such condition that a new cooling tower must be provided for operation of the air-conditioning systems in this building.

Funds are available in the Physical Plant budget.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

**ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES FOR FAMILY HOUSING UNITS**

(13) The Director of the Physical Plant and the Vice-President and Comptroller
recommend that Lundeen and Hilfinger, Bloomington, architects for the family housing to be constructed in the area south of Florida Avenue between South Orchard and Race Street, Urbana, be reimbursed for additional costs incurred in changing working drawings at the request of the University that each building be extended two feet in each direction and that certain other modifications be made in the building and the site plans.

Additional compensation will be in accordance with the terms of the contract approved by the Board of Trustees on October 22, 1956. It amounts to approximately $2,700 for Lundeen and Hilfinger, and $2,200 for consultants employed by them.

I concur and recommend that the Comptroller be authorized to execute the contract change order.

On motion of Mr. Johnston, this change in the contract was authorized.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ASSEMBLY HALL

The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $12,331 in the contract with Felmley-Dickerson Company, Urbana, for construction of the Assembly Hall to replace unsuitable soil with concrete where necessary under the ring footing around the building. This, plus the change order approved in December, substantially completes soil corrective work.

I concur and recommend that the Comptroller be authorized to execute the contract change.

On motion of Mr. Swain, this change in the contract was authorized.

PURCHASES

Purchases Authorized

(14) The following purchases were authorized by the President's Office on the recommendation of the Director of Purchases and the Vice-President and Comptroller.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>49.92 tons diammonium phosphate, 3.31 tons ammonium phosphate, and 3.40 tons calcium metaphosphate</td>
<td>Agricultural Economics</td>
<td>Tennessee Valley Authority, Knoxville, Tenn.</td>
<td>$7140.50 f.o.b. Sheffield, Ala.</td>
</tr>
<tr>
<td>3.2 stainless steel isolation cages (Horfall units) with 52 feeding pans and three sterilizer pans</td>
<td>Veterinary Medicine</td>
<td>Schroeder &amp; Sons, Kenwood,</td>
<td>$4812.00 f.o.b. Kenwood</td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were approved.

Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One ultracentrifuge, for speeds up to 40,000 r.p.m., complete with refrigeration and vacuum systems</td>
<td>Animal Science</td>
<td>Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.</td>
<td>$6796.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Two rotors and standard accessories, 120-240 volt, 60-cycle</td>
<td>Agricultural Engineering</td>
<td>Toledo Scale Corp., Toledo, Ohio</td>
<td>$2724.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One fuel consumption scale for engine testing</td>
<td>Institute of Aviation</td>
<td>University Ford Sales, Inc., Champaign</td>
<td>$2902.85 f.o.b. Urbana</td>
</tr>
<tr>
<td>One 1960 truck cab and chassis, two-ton capacity, with special equipment, for mounting of aviation jet refueler body</td>
<td>Institute of Aviation</td>
<td>Progress Manufacturing Co., Inc., Arthur</td>
<td>$10278.50 f.o.b. Arthur (mounted)</td>
</tr>
<tr>
<td>One aviation refueler truck body only, mounted on truck cab and chassis furnished by the University</td>
<td>Chemical and Engineering</td>
<td>Better Built Machinery Co., New York</td>
<td>$7310.50 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>---------------------------</td>
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</tr>
<tr>
<td>One water chiller, 30 h.p., 80 g.p.m., 208 volt, 3-phase, 60-cycle,</td>
<td>Chemical and Engineering</td>
<td>Trane Co., Peoria</td>
<td>$5,095.00</td>
</tr>
<tr>
<td>with automatic control system and auto transformer type reduced voltage</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>starter</td>
<td>General Chemical</td>
<td>Schaar &amp; Co., Chicago</td>
<td>55,839.47</td>
</tr>
<tr>
<td>One lot laboratory apparatus</td>
<td>Stores</td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One lumatron model 112-3-4 oscilloscope with push-button camera</td>
<td>Digital Computer</td>
<td>Lumatron Electronics, Inc.,</td>
<td>6,860.00</td>
</tr>
<tr>
<td>controls, built-in digital clamp, synchronizing trigger unit, pulse</td>
<td>Laboratory</td>
<td>Westbury, Long Island, N.Y.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>generator, high impedance probe, trigger amplifier, and oscilloscope</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cart</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Six Hewlett-Packard model 721A transistor power supplies</td>
<td>Electrical Engineering</td>
<td>Hewlett-Packard Co., c/o</td>
<td>3,625.00</td>
</tr>
<tr>
<td>Five Hewlett-Packard model 120A industrial oscilloscopes</td>
<td></td>
<td>Chicago</td>
<td></td>
</tr>
<tr>
<td>One Universal milling machine, 5 h.p., with standard equipment</td>
<td>Electrical Engineering</td>
<td>Kearney &amp; Trecker Corp.,</td>
<td>3,730.00</td>
</tr>
<tr>
<td>less dividing head and lead attachment</td>
<td></td>
<td>Chicago</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One precision tool room lathe, 12 1/2 in. swing, 20 in. between</td>
<td>Electrical Engineering</td>
<td>E. L. Essley, Machinry Co.,</td>
<td>11,105.62</td>
</tr>
<tr>
<td>centers, with 5 h.p. motor, controls, 8 in. chuck, followers rest</td>
<td></td>
<td>Chicago</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>and taper attachment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One vertical band sawing, filing, and polishing machine with 2 h.p.</td>
<td>Electrical Engineering</td>
<td>DoAll Rockford Co., Rockford</td>
<td>3,224.10</td>
</tr>
<tr>
<td>motor and all standard equipment</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Graphite for the 4 ft. x 4 ft. thermal column for the TRIGA Mark II</td>
<td>Engineering Administration</td>
<td>General Atomic Division,</td>
<td>8,000.00</td>
</tr>
<tr>
<td>Reactor</td>
<td></td>
<td>San Diego, Calif.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One radiosotope specimen production facility for use in the TRIGA</td>
<td>Nuclear Engineering</td>
<td>General Atomic Division,</td>
<td>3,100.00</td>
</tr>
<tr>
<td>Mark II Training and Research Reactor</td>
<td></td>
<td>San Diego, Calif.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>One capacitor bank of special capacitor units totaling 4500 mfd.</td>
<td>Physics</td>
<td>Westinghouse Electric Corp.,</td>
<td>3,475.00</td>
</tr>
<tr>
<td>Installed in the Knarrt Art Museum</td>
<td></td>
<td>Peoria</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>156 auditorium tablet arm seats to be installed</td>
<td>Fine and Applied Arts</td>
<td>Franklin-Lee Co., Chicago</td>
<td>4,195.00</td>
</tr>
<tr>
<td>Installed</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Gallery and office furniture for the Knarrt Art Museum</td>
<td>Fine and Applied Arts</td>
<td>Marshall Field &amp; Co.,</td>
<td>9,974.75</td>
</tr>
<tr>
<td>Installed</td>
<td></td>
<td>Chicago</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>20 special geology storage cabinets, steel, to accommodate 42</td>
<td>Geology</td>
<td>W. M. Putnam Co., Bloomington</td>
<td>2,814.00</td>
</tr>
<tr>
<td>specimens, over-all size 36 in. wide x 72 in. high x 25 in. deep</td>
<td></td>
<td></td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Accumulated human relations area files, with subscription for 1959</td>
<td>Library</td>
<td>Human Relations Area Files,</td>
<td>26,697.45</td>
</tr>
<tr>
<td>-60 files</td>
<td></td>
<td>New Haven, Conn.</td>
<td></td>
</tr>
<tr>
<td>One recording spectrofluorometer, with grating monochromators for</td>
<td>Microbiology</td>
<td>American Instrument Co., Inc.,</td>
<td>5,514.50</td>
</tr>
<tr>
<td>the ultra-violet visible range 220-800 Mu, complete with recorder,</td>
<td></td>
<td>Silver Spring, Md.</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>power equipment, optics, cuvettes, and standard accessories</td>
<td>Microbiology</td>
<td>Packard Instrument Co., Inc.,</td>
<td>12,510.00</td>
</tr>
<tr>
<td>One spectrometer, liquid scintillation, automatic, complete with</td>
<td>Microbiology</td>
<td>LaGrange</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>electronic accessories, optics, controlled area chamber, automatic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>numerical readout, turntable for up to 100 samples, and timer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>system, complete and installed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One ultracentrifuge, analytical precision model, for measurement of</td>
<td>Microbiology</td>
<td>Beckman Instruments, Inc.,</td>
<td>25,725.00</td>
</tr>
<tr>
<td>molecular properties in centrifugal fields to 26,000 g, including</td>
<td></td>
<td>Spino Division, Palo Alto,</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>optical system and accessories</td>
<td></td>
<td>Calif.</td>
<td></td>
</tr>
<tr>
<td>One analytrol recording scanner and integrator with microanalyzer</td>
<td>Microbiology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>attachment</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>One lot of scientific supplies, including one refrigerated</td>
<td>Medicine</td>
<td>Chicago Apparatus Co.,</td>
<td>5,080.00</td>
</tr>
<tr>
<td>centrifuge and accessories, 2,000 pints of reagent chemicals, and</td>
<td></td>
<td>Chicago</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>305 packages of filter paper</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Item | Department | Vendor | Cost
--- | --- | --- | ---
One fully automatic mobile freeze drying laboratory | Medicine | E. H. Sargent & Co., Chicago | $4,160.00
One sound-on-film camera and accessories | Psychiatry | Altman Camera Co., Chicago | $6,905.07
| Research and Educational Hospitals | Ayerst Laboratories, Chicago | $2,658.00
| Research and Educational Hospitals | Charles Pfizer & Co., Chicago | $3,040.00
| Research and Educational Hospitals | Parke-Davis & Co., Skokie | $5,100.00
| Television-Motion Pictures | Alpine Camera Co., LaGrange | 4,928.67
Two model 1900 addressographs and accessories | Mailing Service | Addressograph-Multigraph Corp., Cleveland, Ohio | 13,440.25
Two model 500 addressographs | | | f.o.b.
| One model 7780 tape perforator | | | delivered
| One model 6781 automatic graphotype | | | delivered
Less trade-in allowance for two model 1900 addressographs and one model 6781 graphotype | | | delivered
Approximately 6,000 diplomas as required for June, August, and October, 1960, and February, 1961, graduations at Urbana and at the Chicago Professional Colleges | Admissions and Records | W. M. Welch Manufacturing Co., Chicago | 2,460.00
| White sulphite offset paper as follows: | Office Supply Stores | Decatur Paper House, Inc., Decatur | 11,040.57
| 100 reams 22 1/2 in. x 35 in. 58-lb. | | | f.o.b.
| 5,000 reams 8 1/2 in. x 11 in. 50-lb. | | | delivered
| 5,000 reams 8 1/2 in. x 11 in. 60-lb. | | | delivered
| 1,000 reams 8 1/2 in. x 11 in. 70-lb. | | | delivered
| 16 tons 15-5-5 organic and inorganic fertilizer in 80-lb. bags | Physical Plant | George A. Davis, Inc., Chicago | 3,477.50
| 15,750 ft. galvanized pipe, various sizes, 21-ft. lengths | Physical Plant | Wilkins-Bloomington Co., Bloomington | 4,434.98
| 8,820 ft. black pipe, various sizes, 21-ft. lengths | Physical Plant | Scruggs-Drake Equipment Co., Decatur | 2,805.00
| Three 76 in. riding-type lawn mowers with semi-pneumatic tires, less trade-in allowance for three mowers of the same type | Physical Plant | Rossetter Motor Co., Peoria (Ford) | 2,885.00
| Eight standard four-door sedans | Animal Science | | delivered
| Ten compact four-door sedans | | | delivered
| One standard four-door sedan equipped for police use | | | delivered
| One station wagon | | | delivered
| One pickup truck, 3/4 ton | | | delivered

Furnish and install in the Illini Union Building (Pine Lounge), two new carpets and pads 11 ft. 3 in. wide x 45 ft. long and one new carpet and pad 20 ft. 3 in. wide x 45 ft. long

68 automatic washing machines (used Commercial Bendix equipment), coin-operated, 9-lb. capacity

Illini Union Housing Division
Slater Co., Chicago Wise Electric, Champaign

| Furnish and install in the Illini Union Building (Pine Lounge), two new carpets and pads 11 ft. 3 in. wide x 45 ft. long and one new carpet and pad 20 ft. 3 in. wide x 45 ft. long | 4,280.00 | delivered
| 68 automatic washing machines (used Commercial Bendix equipment), coin-operated, 9-lb. capacity | 7,060.00 | installed
Furnish and install hardware and draperies at 344 windows in the Graduate Student Residence Hall

Furniture for 24 nurses' apartments consisting of:
- 24 upholstered walnut arm chairs
- 24 upholstered walnut sofas
- 24 9 ft. x 12 ft. tufted rayon rugs

One electronic console organ with two 61-note manuals and full 32-note pedal complete with four sound cabinets, cables, five dollies and cover

Rental of capes, gowns, and hoods as required by faculty and students for the June 18, 1960, Commencement

One passenger automobile, eight-passenger limousine, 1959 Model 75 Cadillac, to replace present 1956, eight-passenger Model 75 Cadillac sedan

One large-scale fatigue testing machine, approximately 200,000-lb. capacity

On motion of Mr. Johnston, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS


<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allied Chemical Corp.,</td>
<td>Occurrence of residual fertilizer among various soil fractions as indicated by isotopic nitrogen</td>
<td>$2,500.00</td>
<td>January 21, 1960</td>
</tr>
<tr>
<td>Nitrogen Division</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Housing</td>
<td>Field investigation and report of vacant commissioner-owned houses within the jurisdictional area of the FHA insuring office at Indianapolis, Indiana</td>
<td>$2,000.00</td>
<td>January 12, 1960</td>
</tr>
<tr>
<td>Administration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mark L. Morris Animal</td>
<td>Paper electrophoretic analysis of serum proteins of debilitated dogs before, during and after special dietary treatment</td>
<td>$2,415.00</td>
<td>January 12, 1960</td>
</tr>
<tr>
<td>Foundation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Academic instruction</td>
<td>$2,648.00</td>
<td>November 24, 1959</td>
</tr>
<tr>
<td>AF1(602)-2066</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Behavior and design of deep structural members</td>
<td>$44,000.00</td>
<td>December 1, 1959</td>
</tr>
<tr>
<td>AF9(601)-2173</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States Army</td>
<td>Feasibility of designing and building a soil loading system</td>
<td>$34,000.00</td>
<td>September 1, 1959</td>
</tr>
<tr>
<td>DA-40-146-XZ-023</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Electron microscopy of ultrasonically irradiated muscle</td>
<td>$14,820.00</td>
<td>November 1, 1959</td>
</tr>
<tr>
<td>AF9(638)-753</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>United States Industrial</td>
<td>Soil fertility requirements of different genetic lines of soybeans</td>
<td>$9,000.00</td>
<td>January 8, 1960</td>
</tr>
<tr>
<td>Chemicals Co.</td>
<td></td>
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</tr>
</tbody>
</table>

Leases

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Harvester Co.</td>
<td>One power take-off attachment for TD-9 No. 55902</td>
<td>$34.97 annually</td>
<td>December 14, 1959</td>
</tr>
<tr>
<td>New Idea Farm Equipment Co.</td>
<td>One No. 10 New Idea corn picker</td>
<td>$142.30 annually</td>
<td>November 2, 1959</td>
</tr>
<tr>
<td>Perfection Steel Body Co.</td>
<td>One No. 51B Cobey PTO unloading wagon, complete</td>
<td>$40.10 annually</td>
<td>December 21, 1959</td>
</tr>
</tbody>
</table>

Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allied Chemical Corp.</td>
<td>Ruminant nutrition with particular regard to energy and nitrogen utilization</td>
<td>$2,000.00</td>
<td>December 31, 1959</td>
</tr>
<tr>
<td>Association of American</td>
<td>Causes of failures in railroad rails in service together with their prevention</td>
<td>$5,000.00</td>
<td>November 12, 1959</td>
</tr>
<tr>
<td>Railroads and American Iron</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>and Steel Institute</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
With Whom | Purpose | Amount to be Paid to the University | Effective Date
--- | --- | --- | ---
Corn Products Refining Co. | Carbohydrates and unidentified growth factors for the baby pig | $1,500.00 | December 14, 1959
Portland Cement Association | Strength and deformation characteristics of reinforced concrete beam-column connections subjected to axial and transverse loads | $28,000.00 | January 5, 1960
Shell Chemical Corp., Agricultural Chemicals Division | Evaluation of a series of chlorinated hydrocarbon compounds as insecticides | $2,500.00 | December 4, 1959
United States Air Force AP(601)-454 | Analysis and design of domes, arches, and abutts | $3,000.00 | December 29, 1959
United States Army DA-36-002 SC-78113 | Microwave duplexer switching mechanisms | $68,833.00 | January 4, 1960
United States Army DA-49-007 MD-794 | Carcinogenicity of foods preserved by radiation | $8,382.00 | December 21, 1959
United States Atomic Energy Commission AT(E-1)-441 | Unclassified research on electronic high-speed digital computers | $340,000.00 | December 21, 1959
United States Navy Nonr-1834(7) | Current problems of solid state and surface physics of semiconductors | $45,000.00 | November 5, 1959
United States Navy N01339-297 | Visual displays for aviation training | $32,959.00 | November 30, 1959
VioBin Corp. | Value of wheat germ oil in physical fitness programs | $4,800.00 | December 17, 1959

Adjustments Made in 1959-60 Cost-Plus Contract

| With Whom | Amount | Date |
--- | --- | ---
Harry F. Fisher (Plastering) | $255.41 deduct to $319.00 | December 1959, and January 1960

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presented his quarterly report to the Board as of December 31, 1959.

This report was received for record, and a copy has been filed with the Secretary.

BEQUEST OF INA MEREDITH HUNTER

(18) The late Mrs. Ina Meredith Hunter of Eureka, California, and an alumna of the University of Illinois, Class of 1914, included in her will the following bequest: "I give and bequeath to the University of Illinois Student Loan Fund, of Urbana, Illinois, the sum of $4,000.00 to be used in making loans to deserving junior and senior students who won honors in scholarship in the sophomore year."

This bequest has been accepted on behalf of the University and is reported for record. The University has been advised by the attorney for Mrs. Hunter's estate that probate proceedings should be completed and payment received by the University not later than December, 1960. Confirmation of acceptance is requested.

On motion of Mr. Johnston, this acceptance was confirmed.

HANGAR AT UNIVERSITY AIRPORT

(19) The National Distillers and Chemical Corporation, New York, New York, has offered to construct a hangar at the University of Illinois Airport and, upon completion, to deed it to the University. In return, the University would be asked to lease the hangar to the Corporation at a nominal rental for ten years, subject to negotiated renewal for an additional five-year period. The University's only other obligation would be to bring utilities to the site and provide for exterior maintenance of the building. Plans and specifications will be approved by the University, and the supervising engineer at the Airport will superintend construction. No aircraft or other maintenance will be performed in the hangar without specific University approval.
The improvements will increase the University's physical assets by at least $100,000. The Director of the Institute of Aviation and the Vice-President and Comptroller recommend approval of the proposal.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the necessary documents, subject to approval of the Legal Counsel.

On motion of Mr. Swain, this recommendation was approved.

ACQUISITION OF FARM LAND FOR COLLEGE OF AGRICULTURE AND EXPERIMENT STATION

By authority of the Board of Trustees, the University instituted proceedings, under its right of eminent domain conveyed upon it by law, in the Circuit Court of Champaign County for the acquisition of the H. N. Pell farm of 160 acres southeast of Urbana for the College of Agriculture and the Agricultural Experiment Station.

These proceedings have been concluded, and the jury has fixed a price of $700 an acre, or $112,000, as the fair value of this land, and the Court has entered an order authorizing its sale to the University. It is now necessary for the Board of Trustees to take certain actions:

- Authorize the payment of the compensation determined in these legal proceedings and accept title to the land;
- Transfer of title of this land, when conveyed to the University, to the University of Illinois Foundation which will finance its purchase;
- Lease of the land from the Foundation.

The University will have the option under the lease of the land to purchase it when funds are available.

I recommend that purchase of the land under the conditions indicated and the adoption of the resolution submitted herewith.

Resolution Authorizing Payment for Pell Tract, Conveyance of Title Thereto, and Leasing Thereof

Be It, And It Hereby Is Resolved by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, hereinafter referred to as “University,” that the Comptroller and Secretary of this University be, and they hereby are, authorized for, and in the name of, and on behalf of, this University to enter into an agreement with University of Illinois Foundation, a not-for-profit corporation of the State of Illinois, with its principal office in the City of Urbana, in the County of Champaign, and State of Illinois, hereinafter referred to as “Foundation,” providing for the sale and conveyance to Foundation of title to the tract of land hereinafter described and herein referred to as the “Pell Tract” at a sale price equivalent to the compensation award of $112,000.00 entered by the Circuit Court of Champaign County, Illinois, on February 18, 1960, in the eminent domain proceedings entitled, “The Board of Trustees of the University of Illinois, a public corporation, vs. Gordon Moser et al., Defendants, Law No. 60-L-10,” and any additional costs incidental thereto incurred by University in acquiring title to said Pell Tract.

Be It, And It Hereby Is Further Resolved that upon compliance with the terms of said agreement by Foundation, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed to execute, acknowledge, and deliver, in the name and in behalf of, this University, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to Foundation title to the following described property, viz:

The Northwest Quarter (NW ¼) of Section Twenty-eight (28) in Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian (3rd P.M.) in Urbana Township, in the County of Champaign and State of Illinois;

hereinafter referred to as the “Pell Tract.”
Be It, And It Hereby Is Further Resolved that said Comptroller and Secretary be, and they hereby are, authorized for, and in the name of, and on behalf of, this University to enter into a Lease Agreement with Foundation providing for the leasing to this University of the tract of land hereinabove described as the Pell Tract for an original term, commencing on the date Foundation acquires title to said Pell Tract and ending on the 30th day of June, 1961, and which term shall be automatically extended for successive two (2) year periods from July 1, 1961, to June 30, 1963, and from July 1, 1963, to June 30, 1965, unless written notice of termination is given to Foundation by this University on or before June 30, 1961, whereupon said Lease shall terminate on June 30, 1961; or on or before June 30, 1963, whereupon said Lease shall terminate on June 30, 1963. The rental shall be equivalent to the interest charges incurred by Foundation under its Loan Agreement with The First National Bank of Chicago providing for funds for the acquisition by Foundation of title to said Pell Tract and any financial charges incidental to the acquiring or renewal of said Loan Agreement. During the term of the Lease the University shall pay any and all special assessments or taxes assessed against said Pell Tract or will secure an exemption therefrom, or will otherwise see that no lien for taxes or assessments is or becomes effective, or if becomes effective is not enforced against said premises, and University shall agree that it will keep said Pell Tract free from any Mechanic's Liens and to make, and to pay for any costs of, necessary repairs and upkeep of said Pell Tract while in its possession under this Lease. Said Lease shall contain an option giving this University the right to purchase and acquire title in fee simple absolute to said Pell Tract by paying all principal and interest costs and financial charges incidental thereto incurred by Foundation under the terms of said Loan Agreement with The First National Bank of Chicago or in connection therewith.

Be It, And It Hereby Is Further Resolved that the Comptroller of this University be, and he hereby is, authorized and directed to deposit with the County Treasurer of Champaign County, Illinois, for the benefit of the persons thereto entitled, as provided for by statute, the amount of the compensation award for said Pell Tract entered by the Circuit Court of Champaign County, Illinois, in the sum of $112,000.00, and to pay the court costs of said suit, and any additional costs incidental thereto or incurred in connection therewith in the acquiring of, or in order to vest in this University title to, said Pell Tract.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

HOMECOMING, 1960

Mr. Clement presented the following statement and motion:

October 8, 1960 has been designated as Homecoming Day this year. It is noted that the tradition of observing Homecoming Day, which has now been established at many colleges and universities, was started at the University of Illinois in 1910, and this year will mark the Fiftieth Anniversary of Homecoming on the University of Illinois campus. The University of Illinois Alumni Association is making a special effort to have this Golden Anniversary Homecoming be a week end of significance. On behalf of the Committee on Alumni, I move that the Board of Trustees request Governor William G. Stratton to issue a proclamation calling public attention to the "Golden Anniversary of the University of Illinois Homecoming" on October 8, 1960.

This motion was unanimously adopted.

APRIL MEETING

On motion of Mr. Swain, the Board voted to hold its April meeting in Chicago on Wednesday, April 20, 1960.

DEGREES CONFERRED

The Secretary presented for record the following list of degrees con-
ferred February 13, 1960, on recommendation of the Urbana-Champaign Senate and by authority of the Board of Trustees.

**Summary**

Degrees in the Graduate College:
- Doctor of Philosophy ........................................ 90
- Doctor of Education ........................................ 2
- Master of Arts .............................................. 47
- Master of Science ......................................... 201
- Master of Music ............................................. 4
- Master of Education ........................................ 34
- Master of Architecture .................................... 4
- Master of Accounting Science ............................ 2
- Advanced Certificate in Education ....................... 3

*Total, Graduate College* .................................... (387)

Degrees in Law:
- Bachelor of Laws ........................................... 7

Baccalaureate Degrees:
- Bachelor of Science, College of Agriculture .......... 72
- Bachelor of Science, College of Engineering .......... 266
- Bachelor of Arts, College of Liberal Arts and Sciences 106
- Bachelor of Science, College of Liberal Arts and Sciences 81
- Bachelor of Science, College of Education 52
- Bachelor of Science, College of Commerce and Business Administration 115
- Bachelor of Science, College of Journalism and Communications 31
- Bachelor of Architecture, College of Fine and Applied Arts 32
- Bachelor of Fine Arts, College of Fine and Applied Arts 33
- Bachelor of Music, College of Fine and Applied Arts 2
- Bachelor of Science, College of Fine and Applied Arts 12
- Bachelor of Science, College of Physical Education 22
- Bachelor of Science, Division of Special Services for War Veterans 19

*Total, Baccalaureate Degrees* ................................ (843)

*Total, Degrees Conferred* .................................. 1,237

**GRADUATE COLLEGE**

**Degree of Doctor of Philosophy**

*In Accountancy*

CHARLTON GEORGE SCHOFFLER, B.S., State University of New York College for Teachers (Albany), 1939; A.M., Wayne University, 1950

*Agronomy*

ASOKE KUMAR GHOSH, B.S., Allahabad University, 1946; M.S., Agra University, 1955

ELLERY LOUIS KNAGE, B.S., M.S., 1949, 1950

*In Animal Nutrition*

SAMUEL VALENTINO AMATO, B.S., M.S., University of Connecticut, 1954, 1956

*In Botany*

MELVYN IRA SELSKY, A.B., A.M., Brooklyn College, 1954, 1956

*In Business*

JOHN ALFRED REINECKE, B.B.A., Loyola University (New Orleans, Louisiana), 1951; M.B.A., Tulane University, 1953

*In Ceramic Engineering*

DANIEL LEW DEADMORE, B.S., M.S., 1949, 1956
In Chemical Engineering

Richard Andrew Eppler, B.S., Carnegie Institute of Technology, 1956; M.S., 1958
Edward John Koval, B.S., University of Notre Dame, 1951; M.S., 1958

In Chemistry

Stanley Walter Blum, B.S., University of Wisconsin, 1955
Richard Wayne Bush, B.S., Massachusetts Institute of Technology, 1956
William Edward Chambers, B.S., Marshall College, 1955; M.S., 1957
Hung Yu Chen, B.S., National Taiwan University, 1953
Mary Joan Sirotek Crespi, B.S., Rosary College, 1952
Danica Dabich, B.S., University of Michigan, 1952; M.S., Ohio State University, 1955
William Alexander DeMeester, A.B., Hope College, 1949; M.S., University of Vermont, 1951
Stanley Louis De Tommaso, B.S., University of Rhode Island, 1956
Jürgen Diekmann, A.B., Kalamazoo College, 1956
James Francis Dunphy, B.S., Boston College, 1951
Robert Louis Eissler, B.S., Evansville College, 1949; M.S., 1956
David Edward Frankhouser, B.S., Albright College, 1955
Edward John Gall, B.S., Rutgers University, 1954
Carole Ruth Gaiz, B.S., Iowa State University, 1954
Themistocles Pantelis Hadjioannou, Diploma, University of Salonika, 1951; M.S., 1958
Charles Chia-Lieh Hwa, B.S., St. John's University (China), 1945
Joseph Pincus Kleiman, B.S., Carnegie Institute of Technology, 1955
John Edward McNary, B.S., Massachusetts Institute of Technology, 1954; M.S., University of Wisconsin, 1956
Virgil Dale Mochel, B.S., M.S., Purdue University, 1952, 1954
Earl Thomas Niles, A.B., Hope College, 1956
Alan Herbert Peterson, A.B., Augustana College (Illinois), 1955
William Howard Pittman, B.S., University of Missouri, 1956
John Richard Rogers, B.S., University of Wisconsin, 1953
John Arden Rothhus, A.B., Drake University, 1955
Sunt Techakumpuch, B.S., Massachusetts Institute of Technology, 1953; M.S., 1954
Robert Joseph Tuite, B.S., St. John Fisher College, 1956
Petros Demetrios Zavitsanos, A.B., University of California (Berkeley), 1955; M.S., 1957

In Civil Engineering

Arthur Feldman, B.S., Washington University, 1952; M.S., 1954
Samuel Sutcliffe, B.S.S., University of Connecticut, 1955; M.S., 1958

In Communications

John Michael Kittross, A.B., Antioch College, 1951; M.S., Boston University, 1952

In Dairy Science

Kenneth E. Harshbarger, B.S., M.S., 1937, 1939

In Economics

Nai-Ruenn Chen, A.B., National Taiwan University, 1950; M.S., 1955
Ed Franklin Crim, Jr., B.S., University of Oklahoma, 1943; M.S., 1953

In Education

Elias Blake, Jr., A.B., Paine College, 1951; A.M., Howard University, 1954
George Albert Robinson, Jr., B.S., M.S., 1955, 1956
Carol Rita Newton White, A.B., Smith College, 1949; Ed.M., 1953
In Electrical Engineering
Murray Lewis Babcock, B.S., M.S., 1948, 1949
Donald Lester Bitzer, B.S., M.S., 1955, 1956
Shlomo Karni, B.S., Technion, Israel Institute of Technology, 1956; M.Eng., Yale University, 1957
Ruey-Wen Liu, B.S., M.S., 1954, 1955
Vempati Gopala Krishna Murti, B.Eng., University of Madras, 1953; M.Eng., Yale University, 1957
Hing-Cheong So, B.S., M.S., 1956, 1957
William Henry Steier, B.S., Evansville College, 1955; M.S., 1957
Ira Weissman, B.S., M.S., 1949, 1950

In Food Technology
Shantilal Nathubhai Shah, B.S., University of Bombay, 1951; B.S. (Technology), M.S., Nagpur University, 1954, 1959

In French
Thomas Harold Brown, A.B., Brigham Young University, 1955; A.M., 1957

In Geography
Albert Joseph Korsok, B.S., Western Reserve University, 1949; A.M., Northwestern University, 1959

In Geology
Richard Allen Yund, B.S., 1956

In History
Roy Anthony Rauschenberg, A.B., A.M., 1951, 1956
Gertrude Almy Slichter, A.B., Vassar College, 1949; A.M., 1952

In Library Science
Joe Walker Kraus, A.B., Culver-Stockton College, 1938; B.S., A.M., 1939, 1941
Wesley Clark Simonton, A.B., University of Cincinnati, 1941; B.S., M.S., Columbia University, 1946, 1948

In Mathematics
Mildred Jeannette Brannon, B.Mus., 1940; M.Mus., Indiana University, 1942; A.M., 1945
Gregory Lawrence Curme, B.S., A.M., 1951, 1954
John Arthur Ernest, A.B., Drew University, 1957; M.S., 1958
Donald Earl Myers, B.S., M.S., Kansas State University, 1953, 1955
Subramonier Parameswaran, B.S., M.S., University of Travancore, 1941, 1957
Mudomo Sudigdomarto, M.S., University of Indonesia, 1954

In Metallurgical Engineering
Joseph Francis Enrietto, B.S., M.S., 1956, 1957

In Microbiology
Roger Louis Storck, Diploma, Institute of Fermentation Industries, 1945, 1946

In Physical Education
Stanley Richard Brown, Diploma, University of Otago, 1951; M.S., 1957
Everett Earl Phillips, Jr., B.S., Southwest Missouri State College, 1952; M.S., 1956
Frederick Boys Roby, Jr., B.S., State Teachers College (Slippery Rock, Pennsylvania), 1953; M.S., 1954
Elmer Arthur Scholer, B.S., M.S., 1950, 1957
Leroy Farwell Sterling, B.S., M.S., 1955, 1956
In Physics
John David Fox, B.S., Massachusetts Institute of Technology, 1951; M.S., 1954
Neal Louis Laurance, B.S., M.S., Marquette University, 1954, 1955

In Plant Pathology
Akkirebal N. Nagaraj, B.S., University of Mysore, 1950; Associate, Indian Agricultural Research Institute, 1952

In Political Science
Alice Lucinda Ebel, A.B., Heidelberg College, 1927; A.M., University of Chicago, 1931

In Psychology
Charles MacMillan Brodie, A.B., Carleton College, 1954
Melvin Leon Goldstein, A.B., New York University, 1948; M.S., Washington State University, 1951
Milton Otto Meux, A.B., Kalamazoo College, 1953
Warren Leslie Smith, B.S., Bradley University, 1947; M.S., 1950

In Sociology
Lewis James Davies, A.B., A.M., University of Texas, 1947, 1950

In Zoology
Walter James Harman, B.S., Louisiana Polytechnic Institute, 1948; A.M., University of Arkansas, 1950
Eugene William McArdele, B.S., St. Mary's College, 1953; M.S., Marquette University, 1956

Degree of Doctor of Education

In Education
Charles Rennie Hicklin, A.B., Drury College, 1949; A.M., 1953
John D. Rowlett, B.S., M.S., North Texas State College, 1949, 1950

Degree of Master of Arts

In Economics
Robert Ferdinand Severson, Jr., B.S., 1958

In English
Sayre Dunbar Andersen, A.B., 1959
Fordsye Judson Bennett, A.B., Greenville College, 1945
Edward Watson Cade, B.S., Memphis State College, 1958
Eleanor Frances Gortno, A.B., 1958
Donald Bruce Halog, B.S., University of San Francisco, 1958
Mary Alice Heagarty, A.B., Seton Hill College, 1958
Arthur Leroy Kistner, A.B., 1955
Loren Leroy Logsdon, A.B., Eureka College, 1958
Prescilla Thorpe Reim, A.B., 1959
Robert Leroy Schrag, A.B., 1958
Marilyn Joan Whitsitt, A.B., Monmouth College, 1957
Jacob Joseph Zubaty, B.S., 1953

In French
Cornelia Marie Carnes, A.B., 1959

In Geography
Robert William Latta, A.B., Indiana University, 1956
Hubert Gustav Hilmar Wilhelm, B.S., 1958
In German
ELLEN MARGOT BULEY, Certificate, Friedrich-Wilhelm University at Bonn, 1931
FRANZ JOSEF PFIETER, A.B., Bowling Green State University, 1958
AUSRELE MARY VENCLOVA, A.B., 1956

In History
RICHARD ELMER GEIGER, A.B., University of Notre Dame, 1957
RICHARD JAMES MASKOFF, A.B., 1958
JAMES OLIN RICHARDS, A.B., Georgetown College, 1958

In Labor and Industrial Relations
CARL ALVIN BLOOMQUIST, JR., B.S., Washington University, 1956
ROBERT THALLON HALL, A.B., University of Texas, 1958
ABRAHAM KENNETH KORMAN, A.B., Brooklyn College, 1956
CHARLES GEORGE WEAVER, A.B., Muskingum College, 1958

In Political Science
MERWIN KENNETH SIGALE, B.S., 1957

In Psychology
JOHN RICHARD HURLEY, A.B., 1955
JAMES WILLIAM JULIAN, A.B., Michigan State University, 1955
ELEANOR FRANCES PEER MEUX, A.B., University of Michigan, 1956
DEMETRIOS PAPAGEORGIOS, A.B., Hamilton College, 1957
ROBERT CHARLES PIERCE, A.B., Stanford University, 1957
JAMES SHAW TERWILLIGER, B.S., 1957

In Social Sciences
WILLIAM WALTER BAST, A.B., Lawrence College, 1958
LYLE DOUGLAS JACOBSON, A.B., 1959

In Sociology
PHILIP WOBBER MARDEN, A.B., Rutgers University, 1955
SHELVIN SINGER, B.S., Northern Illinois University, 1954

In Speech
CHARLES ROSS LOVE, A.B., Howard College, 1955
CHARLES JOSEPH STEWART, B.S., Indiana State Teachers College, 1958

In Statistics
DENNIS LOUIS CWIK, A.B., 1955

In the Teaching of English
FRANCISCA DYCUECO GO, B.S.E., University of Santo Tomas, 1946
THERESA STINE WISSMILLER, A.B., 1957

In the Teaching of French
HELEN SONORA GOFF, A.B., Talladega College, 1956

In the Teaching of German
RENEE MARGARET OPPENLANDER, B.S., 1956
KENNETH LLOYD WIGGINS, A.B., Wayne University, 1957

In the Teaching of Social Studies
HAROLD ALBERT EHRLICH, A.B., 1953
MARY A. FALETTI LAUCK, A.B., 1952
Degree of Master of Science

In Accountancy

BERNARD ANTHONY CODA, JR., B.S., Olivet Nazarene College, 1957
ROBERT REON IRISH, A.B., 1943
MARGARET CHIEN-JUNG LEE, A.B., National Taiwan University, 1956
MELVIN THEODORE McCLURE, A.B., University of Maine, 1957
HWA WANG, A.B., National Taiwan University, 1955

In Aeronautical Engineering

WARREN ROBERT JAMES, B.S., 1958
TZU-SIEN SHAO, B.S., National Taiwan University, 1956
WOLFGANG HERMANN FRANZ STAHL, Diploma, Technical Institute (Stuttgart), 1956

In Agricultural Economics

RICHARD EDWARD CAPRA, B.S., Cornell University, 1958
CLARENCE OLIVER DAVIS, B.S., 1959
HAROLD JAMES TIPPEL, B.S., 1958
FORREST EUGENE WALTERS, B.S., Oklahoma State University, 1958

In Agricultural Education

LOWELL EDWIN AKERS, B.S., 1956
LELAND ELMER ASHBY, JR., B.S., 1954

In Agricultural Engineering

ERROL DAVID RODDA, B.S., 1951

In Agronomy

SHARAMJIT SINGH BAL, B.S. (Agriculture), Panjab University, 1952
NARSEING DASS, B.S., M.S., University of Punjab, 1937, 1943
DONALD STUART GALTZ, A.B., Monmouth College, 1950
PRITAM SINGH HOSHIARPURI, B.S., East Panjab University, 1948; M.S., Panjab University, 1955
MORRIS GLEN HUCK, B.S., 1958
VED BHANU MALIK, B.S., Agra University, 1947
DARRELL ALVIN MILLER, B.S., 1958
RUSSELL CLARENCE JR., B.S., 1958

In Animal Science

ROBERT ROBBINS GARRIGUS, B.S., University of Kentucky, 1958
ROBERT EDWIN SCHMELZER, B.S., 1958

In Architectural Engineering

RONALD GENE BOWEN, B.Arch., 1957

In Biological Sciences

NAOMI ISHINO LIDICKER, B.S., 1956
WELDON FREDERICK MAISCH, B.S., Illinois Wesleyan University, 1957

In Botany

ROBERT ARTHUR CLAUS, B.S., Northwestern University, 1951

In Ceramic Engineering

GENE HENRY HAERTLING, B.S., University of Missouri School of Mines and Metallurgy, 1954
RICHARD JOSEPH HERBST, B.S., 1958
DORIS MARGARET MARONEY, B.S., Alfred University, 1958
In Chemical Engineering

DIBYENDU NARAYAN GHOSH, B.Ch.E., Jadavpur University, 1956

In Chemistry

LEE MASON CHAMBERS, B.S., Marshall College, 1958
JAMES LORAN FOGH, B.S., University of Akron, 1958
WALTER WILSON GALE, B.S., Brown University, 1958
MINAS PRODRIMOS GEORGIDIS, Graduate, Athens National and Capodistria University, 1953
HERBERT JOHN HAYVER, B.S., Bradley University, 1958
JAMES CAMERON HILL, B.S., Northwestern State College of Louisiana, 1957
GEORGE LOUIS MORGAN, B.S., Case Institute of Technology, 1958
DOCTOR STEVEN MORRISIY, B.S., Agricultural and Technical College of North Carolina, 1953
SUBHARP MUENNIKORN, B.S., Chulalongkorn University, 1955; M.S., Indiana University, 1959
ROBERT JOSEPH NIEDZIELSKI, B.S., Aquinas College, 1958
BETTY JANKY SHEPHERD, B.S., University of Duhque, 1958
KATHLEEN ELLEN SLAVIN, B.S., Mount Mary College, 1958
HAROLD SPENCER SWOFFORD, JR., A.B., Western Washington College of Education, 1958
ERIC CLIFFORD TOREN, JR., A.B., Northwestern University, 1955

In City Planning

DEBAJYOTI AICHBAUMIK, B.Arch., University of Calcutta, 1957
DAVID RAY MCCULLOUGH, A.B., Miami University, 1948; LL.B., Ohio Northern University, 1952
DOUGLAS ROGER PORTER, B.S., Michigan State University, 1957

In Civil Engineering

DARRELL RAYMOND ANDERSON, B.S., United States Military Academy, 1954
HARRY EUGENE AULD, B.S., Michigan College of Mining and Technology, 1954
WILBUR CRAIG BUCKHEIT, B.S., United States Military Academy, 1954
ARUN CHAIKERSI, B.S., Chulalongkorn University, 1956
ROBERT JOSEPH CONLON, B.S., Queen's University, 1958
WILLIAM GENE CORLEY, B.S., 1958
EDWARD LOUIS DAMAL, B.S., 1954
HENRY ALBERT RAWDON DE PAIVA, B.S., University of Alberta, 1955
DAVID LORING DIMICK, B.S., United States Military Academy, 1954
PAUL CYR DRISSOLL, B.S., United States Military Academy, 1954
CLIFFORD THOMAS FLANIGAN, B.S., United States Military Academy, 1954
GEORGE WATKINS GREENWOOD, B.S., University of Maine, 1951
LAURENCE ROBERT HALL, B.S., Queen's University, 1958
JAMES ELLIS HAYS, B.S., United States Military Academy, 1954
ADOLPH AUBREY HIGHT, B.S., Hampton Institute, 1953
PETER GEORGE HOADLEY, Duke University, 1957
LEIF HOGNESTAD, B.S., University of Leeds, 1958
WEI HSIONG, B.S., Taiwan Provincial Cheng Kung University, 1953
CHI LUNG HUANG, B.S., National Taiwan University, 1955
WEN-HSIUNG HUANG, B.S., National Taiwan University, 1956
MAXIMIANO ROMUALDEZ JANAIBO, JR., B.S., United States Military Academy, 1954
CHUNILAL KOTUMAL LALWANI, B.Eng., Gujarat University, 1958
TORSTEN CARL IVAR MUHR, B.S., 1954
ABDUL GHAFFFOOR QAISSAUNEE, B.S., University of Wyoming, 1955
FREDERICK PRATT REYNOLDS III, B.S., United States Military Academy, 1953
NORMAN CARL RODEN, B.S., 1958
GAUTAM THAKORBHAI SRHOFF, B.Eng., Gujarat University, 1956
WAYNE MANNING STEVENS, B.S., Agricultural and Mechanical College of Texas, 1959
ROGER LEWIS STOGHOUN, B.S., State University of Iowa, 1958
WILLIAM EDWARD THORNTON, B.S., 1959
CHUNG CHI TSAI, B.S., Taiwan Provincial Cheng Kung University, 1955
CARL JOHN TURKSTRA, B.S., Queen's University, 1958
EDWARD GEARY WORTH, B.S., Oregon State College, 1957

In Commercial Teaching
MARY ELLEN GUFFEY, B.S., Bowling Green State University, 1958

In Dairy Science
GERRIT CORNELIS VAN DAM, Candidate, Utrecht University, 1952

In Dairy Technology
RAM AUTOAR CHAUDHARY, B.S., M.S., Agra University, 1949, 1952

In Economics
EUGENE ALBERT PHILIPPS, B.S., 1958

In Education
DAVID PHILLIP BUTTS, B.S., Butler University, 1954
MAKONNEN KEBRET, B.S., Imperial Ethiopian College of Agriculture and Mechanical Arts, 1957
JULIA WOOD LORD, A.B., Pennsylvania State University, 1950

In Electrical Engineering
LAWRENCE WILLIAM AMIOT, B.S., 1959
THOMAS FINLEY DEBAM, JR., B.E.E., Georgia Institute of Technology, 1954
ARNOLD WILLIAM DIPERT, B.S., 1958
DEAN RICHARD EVERET, B.S., 1959
SINDY BRUCE FRANKLIN, B.S., Union University, 1952
Yu-MIN Fu, B.S., National Taiwan University, 1955
JAMES BERNARD GERARD, B.S., 1959
ELMER ANSON GOETSCHE, B.S., University of Wisconsin, 1953
HENRY GUCKEL, B.S., University of Buffalo, 1958
THOMAS MILTON HALLMARK, B.S., University of Tennessee, 1958
JAMES EDWARD HANLEY, B.S., 1959
KERMET KEITH WILLIAM HEID, B.S., 1959
RONALD PAUL JETTON, B.S., 1959
YING-CHAO KIANG, B.S., Taiwan Provincial Cheng Kung University, 1953
JOHN ALLAN KLOBuchar, B.S., 1958
HEYDON ZANE LEWIS, B.S., University of Arkansas, 1958
WESLEY ALEXANDER NEWSOME, JR., B.S., United States Naval Academy, 1954
FRANK T. PIMENTEL, B.S., United States Military Academy, 1952
DONALD FRANCIS SCHULTZ, B.S., 1959
FRED JOHN WYMER, B.S., 1958

In Entomology
RICHARD LESTER HURLEY, A.B., Queen's University, 1957
CALVIN FRANKLIN SOO HOO, A.B., University of California (Santa Barbara), 1957

In Finance
WARNER OTTO BRANDENBURG, B.S., Northwestern University, 1937; Graduate, United States Air Force Institute of Technology, 1953

In Geology
JAMES DUDLEY CARL, B.S., University of Missouri School of Mines and Metallurgy, 1957
ALLEN REED KRUEGER, A.B., Antioch College, 1955
SAMUEL SEH-SHUE LEUNG, B.S., National Taiwan University, 1957
ROGER GLEN WOLFF, B.S., South Dakota School of Mines and Technology, 1958
In Home Economics

ELIZABETH LINCOLN HALLMARK, B.S., University of Tennessee, 1958

In Home Economics Education

EVELYN JEAN KOLLER, B.S., Wheaton College (Illinois), 1955
BETTY COLEMAN THOMAS, B.S., Wayne State University, 1949

In Journalism

PHIL BRYAN JONES, B.S., 1958

In Library Science

AARON GREEN, A.B., University of California (Berkeley), 1939
HAZEL DETER NICE, B.S., Goshen College, 1952
VIRGINIA GLENN RUBINSTEIN, A.B., University of Tennessee, 1956
JULIA HARDESTY TRIPLEHORN, A.B., Ohio Wesleyan University, 1957
HILDA FRASE WOMACK, B.S., St. Ambrose-Marycrest College, 1949

In Management

RICHARD HARRY FABRIS, B.S., La Salle College, 1958
WILLIAM THEODORE HERMAN, B.S., 1958

In Marketing

CARL JACOB SCHUETZE, Jr., B.S., 1958

In Mathematics

JACK WILFRID BISHOP, A.B., University of New Mexico, 1956; B.S., 1958
GORDON EDGAR CASH, B.S., 1958
LENA CHANG, B.S., 1958
JAMES FREDRICK DEVINE, B.S., 1958
DALE EUGENE KAISER, B.S., 1954
JOSEPH GEORGE KAPPEL, JR., B.S., St. Louis University, 1956
BHUBANANANDARAY, A.B., Utkal University, 1945; A.M., University of Calcutta, 1947
MICHAEL SAMUEL SKAFF, B.S., University of Michigan, 1958

In Mechanical Engineering

ARAMANGALAM ASTHAGIRI ANANTHANARAYANAN, B.S., University of Madras, 1950; B.Eng., Annamalai University, 1954
ARTHUR MARVIN CLAUSING, B.S., Valparaiso University, 1958
DANIEL EDWARD CZERNIK, B.S., 1959
SHASHINATH JAIWANT GURU, B.Eng., University of Poona, 1956
WILLIAM FREDERICK SHARP, B.S., 1958
ERNEST MYLES WILLER, B.S., 1959
KHAJA ZUHRURUDDIN, B.Eng., Osmania University, 1958

In Metallurgical Engineering

WILLIAM THEODORE BECKER, B.S., 1957
KENNETH THOMAS KAMBER, B.S., 1958

In Microbiology

JOANNA GAIL SKEIVYS, B.S., 1958
RAYMOND CARLYLE VALENTINE, B.S., 1958

In Mining Engineering

ARTHUR RICHARD SCHLEICHER II, A.B., Oklahoma Baptist University, 1956
HASAN NECDET SUNAY, E.M., Colorado School of Mines, 1958
In Music Education

JAMES MILTON BRINKMAN, B.S., Quincy College, 1957
ARTHUR RAY KELLER, B.Mus.Ed., Bradley University, 1959
BEATRICE MARTHA WRIGHT, A.B., Greenville College, 1955

In Physical Education

JEFFREY MINER AUSTIN, B.S., 1955
JOHN RICHARD BAUER, B.S., 1958
THOMAS WAYMAN LEAMING, A.B., Earlham College, 1954
JAMES THOMAS SCHULDT, B.S., 1954
JAMES STANFORD SKINNER, B.S., 1958

In Physics

RICHARD KEITH AHRENKIEL, B.S., 1959
VAN FONKEN WILFORD BLUEMEL, B.S., University of Michigan, 1956
JAMES ROBERT BOYD, A.B., Hastings College, 1958
ROBERT GERALD CAWLEY, B.S., Massachusetts Institute of Technology, 1958
BRENT C. CUMMINGS, B.S., University of Idaho, 1958
RICHARD LEO FREDDICKSON, A.B., San Diego State College, 1958
HOWARD MICHAEL GILDER, B.M.E., Cooper Union, 1958
STANLEY PHILLIP GUDDER, B.S., Washington University, 1958
DAVID WALTER HAFEMEISTER, B.S., Northwestern University, 1957
RANDELL HAYTGIC JEPPESEN, A.B., Montana State University, 1958
JOHN WILBERT KANZ, B.S., University of Washington, 1958
RONALD NORMAN LEE, B.S., 1958
CHARLES HERBERT NEUMAN, B.S., California Institute of Technology, 1958
TIN OIN, B.S., University of Rangoon, 1956
JOHN RICHARD PARSONS, B.A.Sc., University of Toronto, 1958
OTIS GRANVILLE PETERSON, B.S., 1958
DAVID NIEAM PIPEKORN, B.S.E., Princeton University, 1958
WILLIAM REESE, A.B., Reed College, 1958
RICHARD WHITE SIEGEL, A.B., Williams College, 1958
ROY STEPHEN TUCKER, B.S., Trinity College, 1958
EMBER CLARANCE WISMAN, B.S., 1958
CHARLES GORDON WOHL, A.B., Harvard College, 1958

In Physiology

ALMA WINIFFRED DRAKE, B.S., Purdue University, 1955
FORREST RAYMOND GOODALL, A.B., Colby College, 1950
RICHARD ALAN NYSTROM, B.S., Tufts University, 1957
ROBERT JOHN SIMPSON, A.B., Houghton College, 1950

In Speech Correction

JUDITH BAN HASTEROK, B.S., 1954
JACQUELINE MARIE PIEPER, A.B., B.F.A., 1941, 1943

In the Teaching of Biological Sciences and General Science

GEORGE RICHARD ABRAHAM, B.S., Wisconsin State College (Superior), 1953

In the Teaching of Chemistry

EDWARD LAFORTE SAFFORD, B.S., Northern Illinois University, 1958

In the Teaching of Mathematics

PHYLLIS JEAN WATTS, A.B., Monmouth College, 1955

In the Teaching of the Physical Sciences

MARGARET HALL KLOCK, B.S., University of Missouri, 1956
In Theoretical and Applied Mechanics

CHU-SHIANG CHEN, B.S., National Taiwan University, 1956
JAMES DENNIS LEASURE, B.S., Drexel Institute of Technology, 1958
SHUN-KU LE, B.S., National Taiwan University, 1956
RALPH IVAN STEPHENS, B.S., 1957
CHIH WANG, B.S., National Taiwan University, 1956

In Veterinary Medical Science

JOHN CONNER BARTLEY, B.S., D.V.M., Colorado State University, 1954, 1956
GANPATRAO MARUTIRAO KANGUDE, Diploma, Bombay Veterinary College, 1945
DEVARAKONDA KRISHNA MURTY, B.V.S., University of Madras, 1943

Degree of Master of Music

PATRICIA ANNE McLEAN FRANKLIN, A.B., Washington State University, 1956
STERLING SCOTT JONES, B.Mus., University of Wisconsin, 1951
FRED A. POPE PIERCE, B.Mus., University of Louisville, 1949
NORMA JEAN MENTZER RUSSAK, B.Mus., Oberlin College, 1957

Degree of Master of Education

JOYCE WHITE ASHBY, B.S., 1954
ROBERT DEAN BECKER, B.S., Illinois State Normal University, 1955
MARSHA MARIE CARBERRY, B.S., 1958
KUO-LIN CHUNG, B.Ed., Taiwan Normal University, 1954
JOHN MARTIN CIESIELSKI, B.S., Illinois State Normal University, 1951
ROBERT LYNN CLEVER, A.B., 1959
ROBERT LOUIS DAVIS, B.S., 1952
ROSETTA FAY DAWKINS, B.S., Illinois State Normal University, 1956
RITA FRANCES ESLEY, B.S., Eastern Illinois University, 1950
JAMES EUGENE FINICAL, B.S., Eastern Illinois University, 1954
MARY EILEEN GAVICAN, B.S., 1957
JOAN LEE HARDEN, B.S., Illinois Wesleyan University, 1954
CONSTANCE BENNET JOHNSON, B.S., 1958
ALICE JEAN JONES, B.S., University of Pittsburgh, 1956
LESTER EUGENE KLAY, B.S., Eastern Illinois University, 1953
SARYAN LERTPRUK, A.B., Diploma, Chulalongkorn University, 1955, 1956; M.S., 1958
JAMES ALBERT MAIER, B.S., 1955
ROBERT EUGENE MATHIS, A.B., University of Oregon, 1951
DATHANIE McSWINE, B.S., Lincoln University (Missouri), 1955
RUSSELL LEROY MINARD, A.B., Earlham College, 1958
ROBERT EDWARD FRELLER, A.B., Northwestern University, 1957
GEORGE PIERCE PSAUTE, A.B., Olivet Nazarene College, 1950
ROSEMARY STANTON RICHARDSON, B.S., 1958
JOSEPH EARL ROSS, A.B., McKendree College, 1957
NETTE ROBERTA KLITZING SABIN, A.B., Greenville College, 1953
EDWARD SCHUTZMAN, B.Ed., Duquesne University, 1951; B.S., Pennsylvania State University, 1952
JOHN ROY SCHWALBE, B.S., Stout Institute, 1950
ARTHUR SHARPE, Jr., A.B., Harris Teachers College, 1955
STEPHEN WILKIN SPUDICH, B.S., Rockford College, 1959
LARRY ARTHUR STONEBURNER, A.B., Augustana College (Illinois), 1956
EDITH BARON TOM, B.Ed., University of Hawaii, 1948
JEANNE MARIE JOSEPHSON TREBBIEN, A.B., 1955
ANNA MARIE PORTER WALL, A.B., 1958
ERNEST WAREN, B.S., Eastern Illinois University, 1949

Degree of Master of Architecture

GEORGE LEWIS CRAIG, B.S., M.S., Virginia Polytechnic Institute, 1954, 1955
ROBERT DAVID LITVAN, B.Arch., 1958
HOUNG LIN SWEI, B.S., Taiwan Provincial Cheng Kung University, 1955
JIA-HUEI YEE, B.S., Taiwan Provincial Cheng Kung University, 1956
DEGREE OF MASTER OF ACCOUNTING SCIENCE
John Allan Brown, B.S., Illinois Wesleyan University, 1958
Donald Ervin Kieso, B.S., Aurora College, 1958

ADVANCED CERTIFICATE
In Education
John Robert Dobson, A.B., A.M., 1938, 1952
Ralph Ansley Wantland, B.S., Illinois State Normal University, 1949; M.S., 1952

COLLEGE OF AGRICULTURE
DEGREE OF BACHELOR OF SCIENCE
In Agriculture
Hans Jens Andreesen
Richard Reed Andress
Charles Robert Aper
Bruce Nathaniel Beckmann
Roger Keith Bottrell
John Warren Brown, Jr.
Vernon Eugene Busboom
Earnest Laverle Chapman
Larry Lynn Clark
Lawrence Alvin Duewer
Stanley Ray Eden
Harold Leroy Evans
Lester Cecil Farris
John Arden Fassler, High Honors
George Weldon Fogal
Robert Jaudon Foster
John Andrew Gesell
Roger Dwight Gillespie
Milton Charles Hallberg
Wayne Joel Heberer, Honors
John George Huppaltlin
Billy Sherwood Hull
Ronald Lee Iorger
Robert John
Percy Ransom Johnson
Ronald Ernest Junker
Earl Raymond Karges
Antone Lloyd Kemnitz
Roger Franklin Kensing
Dale Fredrick Larson, Honors
Paul Vernon Malven, High Honors
Donald Leroy Noman
Gene Ellsworth Potter, High Honors
Elmer Lee Readle
Kenneth William Riecks
Donald Allen Robb
Clyde Albert Otto Runge
Kenneth Francis Schwab
Clyde Frank Smith
Don Thurlow Smith
Roger Wilbur Steiger
Donald Oscar Steinkamp
Allan Francis Vinton, Jr.
Gerald Andrew Wilson
John LaRue Woods
Oscar Gene Wright
Kenneth Wade Wyatt

In Dairy Technology
John Westerland Kibler
Leon Henry Langhauser

In Floriculture
Carol Stoneman Roller, Honors
Herley Curry Thompson
James Louis Sandeno

In Food Technology
Stephen Leonard Norton

In Home Economics
Rosamund Alberta Ashwill
Patricia Kentner Bielefeld
Barbara Fay Brown
Karim Louise Ekdahl
Pamela Palmer Fawcett
Wende Walta Claudia Feitler
Carol Ann Jacobson
Nancy Marie Kay
Joanne Aldene Leonard
Edra Schneider McHarry
Saroja Srimulu Metta
Katherine Agnes Niemeyer
Mary Kathryn Peter
Marion Lillian Stuenkel
Yoon-Hee Suk
Marjorie Ann Swanson
Marian Murray Vreeland, Honors
In Home Economics Education

NANCY JOHNSON HENDERSON  KAY DOUGLAS WALTERS

COLLEGE OF ENGINEERING
Degree of Bachelor of Science

In Aeronautical Engineering
KENJI GEORGE ANDO, High Honors
DONALD JAY BECK
CHARLES THOMAS CASE
GEORGE PAUL EDGELL
JAMES EDGAR FORRESTER, JR.
MILTON ALVIN HAEFNER, Honors
WALLACE JAMES HAHN, JR.
WILLIAM HENRY HUFFMAN
GREGORY WAYNE JORDAN

BERNARD ROBERT KIBORT
RICHARD STANLEY MICHALAK
RICHARD ARNOLD NORDSTECK
SHELDON OSHEPP
KENNETH PENNINGTON
EDWARD JAMES ROLLO, JR.
RICHARD WAYNE SIEVERS, Honors
HOWARD SPRINGER
RONALD OWEN WOODS

In Agricultural Engineering
ERWIN ONNO ARENDS
FINIS WILLIAM SCHULTZ

CHARLES WILLIAM BALDRIDGE CONNORS, Honors
JOHN FRANKLIN KRUMWIEDE, Honors
MILTON CHARLES OTTO

CARL HEINZ SILVA

In Ceramic Engineering
CHARLES BALDRIDGE FREDERICK KEVEN
WILLIAM CONNORS VIXCENT
JOHN FRANKLIN KRUMWIEDE, Honors
EARL FREDERICK SCHAEFER
RALPH VAN MATRE
JOHN ROBERT JR. CHARLES ORAL VELZY, Honors
CHARLES DENNIS GRIGGS, FRANKLIN HAWTHORNE, CHARLES WILLIAM HUNT

In Civil Engineering
DARWIN GENE ABBY
ROY LEE ALLEN
MANUEL ANCIZAR DUQUE
LESTER SIDNEY BAKER
HAROLD EUGENE BIRKEY
TERRY WILLIAM BOLLAND
ROBERT MARSHALL BROWN
HAROLD GLENN CLARIDA
EDWARD PAUL COOK
RONALD DENNIS CROWELL
ROBERT W. DIETZ
JERRY MARVIN DUNLAP
RUSSELL WAYNE FAUST
JAMES ELLIOT FRE
MILTON SUMNER FISTEL
JOSEPH WILLIAM GANDI
NICHOLAS JOHN GIEBEL
CHARLES DENNIS GRIGG, Honors
JOHN ROBERT HAWTHORNE, JR.
CHARLES WILLIAM HUNT
EUGENE VASILI IGNATOV
RICHARD FRED LANYON

JACK CHARLES MARCELLIS
JOHN ARTHUR MARTELL
DORIAN ARY NIEMI
DAVID HENRY OVERAKER
ROBERT FRANCIS PETERS
HOWARD ESTES REEVES
LARRY ALAN RENCH
FRANK JOSEPH RIZZO, Honors
THEODORE CLYDE SCHNEIDER
ARNOLD FOLKE SEABERG, Honors
FREDERICK JAMES SENA
DENNIS CHESTER STANKE
EDWARD JOSEPH STRougAL
ROBERT WILLIAM SULLIVAN
ANTHONY SIEBOTH TADIN
RAYMOND RICHARD TOMASKO
SEYMOUR ROBERT VAN DEURSEN
FRANKLIN RALPH VAN MATERE
CHARLES ORAL VELZY, Honors
BRUCE EDWARD WARLOE
ROBERT MARION WILLIFORD

In Electrical Engineering
ALLEN DALE ADAMS
BRUCE COLEMAN ANDERSON
EDWARD WINDSOR BAILEY
ALVARO BARRERA TORRES
DONALD KENNETH BATES
RONALD EUGENE BERLIN
GERALD NELSON BIESTER
DAVID EDWARD BLAND
JOSEPH DANIEL BOENITZ, JR.

RICHARD ROBERT BOSE
RICHARD LEO BOWERS
JOHN RICHARD BRANDENBERGER
FRANCIS GENE BRICKER
JOHN ANDERSON BRINKER
LESLIE WALTER BUHRMEISTER
RONALD FREDERICK CAPRATA
ALFRED CHO
HENRY SHU CHING CHOW
Edward Craig Cleveland
Thomas Francis Curran
Robert Michael Czajkowski
Melvin Bernard DeMatoff
Daniel Leist Dilts
Robert Julius Donner
Donald Arthur Dresch
Robert Calhoun Ed
Jon Wilcox Erickson
Gordon Richard Fabian
Walter Clayton Farley
James Fisk
Leroy Charles Gall
Donald Kenneth Georgi
Darrell Lee Gieseking
Leonard Gomez Rueba
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Carl Lawrence Gruber, Honors
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Paul Erwin Hall
David Henry Harwood
Lowell Dickey Hedges
John Theodore Hojnicki
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Robert William Ingram
Edward Thomas Johnson
John Franklin Kampmeter, High Honors
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Eugene Kiolbasa
Delos Thomas Kittoe
Franklin Ralph Koller
Jacob Koopmans
John Allan Kornfeld
John Warren Kravcik
Melvin Earl Krejci
James Arthur Leaverton
Keith John Lentner
Oreste Joseph Lucchesi
Richard Gustav Maede

In Engineering Physics
Richard William Blomme
Richard James Burton
James Francis McNerney
Norman Lewis Pruvost

In General Engineering
William Jacob Baum
James Patrick Bruen, Honors
Kenneth William Burch
Jack LeRoy Diedrich
William Donald Dillman
Thomas Hardy Gabbard, Honors

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Richard Burnham Berbaum, Jr.
David Lewis Fischer
James Lee Gough
Bernard Gene Richards
Thomas Frank Slaninka

In Engineering Physics
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Earl David Shaw
Richard Bruckner Statham

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David Edward Hartnett
Otis Eugene Hubbard
Melvin Francis Jager
Marvin Louis Mrnka
Max Eugene Quigley

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Joseph Roger Strode, High Honors
William Stephen Westerman
James Edward Wheeler
Raymond Guy Zeller
In Mechanical Engineering

LAWRENCE ALLEN ABBOTT
EGON STEPHAN BABLER
GABRIEL BARBOSA
JOSÉ ANTONIO BARRAGÁN RUIZ
KNUD OTTAR BERGE, High Honors
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WILLIAM ALLAN WORKMAN
HOMER FRANKLIN WRIGHT, Jr.

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THEODORE CHARLES DREYER
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MICHAEL HYMAN

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GABRIEL FORERO DE FRANCISCO

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GEORGE MINORU TERAMOTO

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

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GUY PERCY BALMER
LYNETTE FAY BARRY
DAVID ALLEN BENDER
ESTHER LEWITZKY BLAU, Honors in Liberal Arts and Sciences
THOMAS MICHAEL BLOOM, Honors in Liberal Arts and Sciences

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ULLA CONSTANCE BREMS
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JAMES OTTO BYRNE
MICHAEL HERMAN BYRNE
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PATRICIA CARROLL
ADELBERT FOREST CARPENTER

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David Lawrence Bachelor, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
Jack Howard Cutler, Honors in Liberal Arts and Sciences
Barbara Jean Hummer
Georgia Frances Jackson
Russell Edward Olson
Marilyn Ann Williams

Martha Virginia Coome, Honors in Liberal Arts and Sciences with Distinction in the Curriculum

In the Teaching of Spanish

Rose Marie Czekala, Honors in Liberal Arts and Sciences with High Distinction in the Curriculum

In the Teaching of Speech

Dorothy Chambers Phillips

Degree of Bachelor of Science

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David Robert Ferguson
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Istok Marco Leban, Honors in Liberal Arts and Sciences with Distinction in the Curriculum
Elia Paul Nanni, Honors in Liberal Arts and Sciences

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George Herbert Roemer, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum
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Frederick Joseph Szymanski
Heino Tamm
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Harry Dady Simmons, Jr., Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

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Nina Armen Noubar

In Liberal Arts and Sciences

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Carl William Baumann
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Richard Michael Brugger, Honors in Liberal Arts and Sciences
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Gary Wayne Camenisch
Glen Phillip Cartwright
Candace Ruth Clifford
Bruce Benner Criley, Honors in Liberal Arts and Sciences with Distinction in Zoology
Ramon Samuel De Mark
Edson Wendell Durr
Adrienne Engelhardt
Stuart Gerald Ferst
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Mark Theodore Fulmer
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Hiroschi Kanno
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LAURIS GOFF STANTON
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NANCY LEE WILSON, HIGHEST HONORS
VIRGINIA ROSE ZOLLA

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COLLEGE OF JOURNALISM AND COMMUNICATIONS

Degree of Bachelor of Science

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WELBORN DUNCAN EATON

James David Kornwolf
Herman Gustav Pundt, Honors

Degree of Bachelor of Music

SIDNEY MURRAY, Highest Honors

GEORGE PAUL SANDERS, Honors

Degree of Bachelor of Science

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CHARLES LARRY TOMPKINS

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LOIS IRENE DONIGER, Highest Honors
GLEN LOREN PERGUSON, High Honors
MELVIN RONNY FINK
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JULIA BARBARA CASH FLOCK

GWENDOLYN JEAN HAYES
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KAREN KATHALEEN SMITH, Honors
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UNIVERSITY OF ILLINOIS

COLLEGE OF PHYSICAL EDUCATION

Degree of Bachelor of Science

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SARA DUNCOMBE CAMERON
ASTRIDA VIAJ DRULLIS

EILEEN GOLDMAN
MARIETT DAVENPORT MCALL

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS

Degree of Bachelor of Science

WILLIAM EDWARD BAILEY, Honors
KENNETH RECAINTAL BIBA
GEORGE WILLIAM DYSON
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RALPH MCLEAN GERARD
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SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) fellows; (3) graduate fellows; (4) resignations and declinations; (5) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ABSHIRE, CLAUDE J., Research Associate in Chemistry, January 21-August 31, 1960, $6000 a year (1-29-60).

ADAMS, MARY J. N., Instructor in Microbiology, February 1-June 15, 1960, $666.66 a month (1-26-60).

ALAAOVIC, PETAR, Research Associate in Animal Science (S), nine months from December 1, 1959, $6000 a year, supersedes (1-29-60).

ARAKI, HUZIHIRO, Research Associate in Physics (C), five months from February 1, 1960, $600 a month (1-12-60).

BARRON, SAMUEL H., Clinical Assistant Professor of Pediatrics (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (1-21-60).

BITZER, DONALD L., Research Assistant Professor in the Coordinated Science Laboratory (C), seven months from February 1, 1960, $11,000 a year, supersedes (2-2-60).

BRANIT, JOSEPH T., Clinical Assistant in Medicine (Medicine), eight months from January 1, 1960, without salary (2-2-60).

BRODY, VIOLA A., Research Associate in Psychiatry (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (1-21-60).

BROWN, OLIVER R., Assistant in Education (University High School), February 1-June 15, 1960, $444.44 a month, supersedes (1-15-60).
BURCHELL, ROBERT C., Assistant Professor of Obstetrics and Gynecology (Medicine), two months from July 1, 1960, $908.33 a month (1-26-60).

CHANAPRAGADA, RAO S., Research Associate in Mining and Metallurgical Engineering (C), seven months from February 1, 1960, $7200 a year (1-12-60).

COHEN, KENNETH, Clinical Assistant in Medicine (Medicine), eight months from January 1, 1960, without salary (2-10-60).

CURTIS, HERBERT J., Assistant Professor of Mathematics and Acting Head of the Division (Chicago Undergraduate Division), one year from March 1, 1960, $850 a month, and Assistant Professor of Mathematics for six months from March 1, 1961, $600 a month, to render service during each academic year, supersedes (1-26-60).

deGRYSE, MRS. RUBY V., Instructor in Speech (Chicago Undergraduate Division), ½ time, five months from February 1, 1960, $312.50 a month, supersedes (1-12-60).

EASLEY, JOHN A., JR., Visiting Lecturer in Education (University High School Mathematics Project), February 1-June 15, 1960, $3800 (1-29-60).

ECKHARDT, SUE A., Research Assistant in Botany, three months from January 1, 1960, $833.33 a month, supersedes (1-26-60).

EPL ey, DONALD L., Instructor in Electrical Engineering (C), ½ time, six months from March 1, 1960, to render service during the second semester of the academic year, $4125 a year, supersedes (2-8-60).

ESFENSCHIED, ROLAND F., Instructor in Vocational Agriculture, ½ time, and in Agricultural Engineering, ½ time, (C), seven months from February 1, 1960, $8300 a year, supersedes (1-26-60).

FEUCHTWANG, T. E., Research Associate in the Coordinated Science Laboratory (C), eight months from January 1, 1960, $7000 a year (1-26-60).

FOLKS, FREDERICKA L., Instructor in Occupational Therapy (Medicine), seven months from February 1, 1960, $6100 a year (1-26-60).

FRI T Z, THOMAS E., Instructor in Veterinary Pathology and Hygiene (Veterinary Medicine), seven months from February 1, 1960, $6000 a year, supersedes (1-22-60).

GH O S H, ASOKE KUMAR, Assistant in Agronomy (S), February 1-May 15, 1960, $416.67 a month, supersedes (2-2-60).

GOODMAN, ALAN B., Research Assistant in the Institution for Tuberculosis Research, eight months from January 1, 1960, $4400 a year, supersedes (2-10-60).

GRILLO, MARIA A., Research Associate in Animal Science (S), eight months from January 1, 1960, $6000 a year, supersedes (1-21-60).

GRUBBS, EDWARD J., Research Assistant in Chemistry, one year from January 11, 1960, $5200 (1-21-60).

HAMILTON, TOM S., Adviser to Vice-Chancellor in India at the U. P., Agricultural University, Poohlbaugh, U. P., under Contract ICAC-1258 with the International Cooperation Administration, beginning January 21, 1960 (five working days prior to arrival in India) and continuing until five working days after departure from India, but not later than June 30, 1960, $1666.67 a month; in addition, allowances in accordance with Standardized United States Government Civilian Allowance Regulations (Foreign Areas) will be paid; supersedes (1-26-60).

HERBST, RICHARD J., Assistant in Ceramic Engineering (C), ½ time, February 1-June 15, 1960, $137.50 a month; and Research Assistant in Ceramic Engineering (S), ½ time, February 1-August 31, 1960, $412.50 a month, supersedes (2-8-60).

HESSELBERTH, CASSIUS A., Instructor in Electrical Engineering (C), ½ time. March 1-August 31, 1960, to render service during the second semester of the academic year, $187.50 a month, supersedes (2-10-60).

HUSSEY, FRANK L., Clinical Instructor in Radiology (Medicine), one year from September 1, 1959, without salary (1-21-60).

JACKSON, JEANNE M., Instructor in Home Economics (C), February 1-July 31, 1960, to render service during the second semester of the academic year, $416.67 a month (2-2-60).

JANN, KLAUS, Research Associate in Chemistry, January 16-August 31, 1960, $6000 a year (1-21-60).

JOHANSSON, ROBERT W., Associate Professor of History, indefinite tenure beginning March 1, 1960, to render service during each academic year, $8000 a year, supersedes (1-22-60).
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KAHN, HERBERT, Research Associate in Clinical Science (Medicine), nine months from December 1, 1959, without salary, supersedes salaried appointment (2-4-60).

KLAIN, GEORGE, Assistant in Animal Science (S), six months from January 1, 1960, $2200 (1-22-60).

KYOAMA, IKUKO, Research Assistant in Psychiatry (Medicine), six months from March 1, 1960, $5000 a year (2-8-60).

KRAMWIEDE, JOHN F., Assistant in Ceramic Engineering (C), February 1-June 15, 1960, $222.22 a month (1-21-60).

LAME, JOHN H., Jr., Instructor in Civil Engineering (C and S), ¼ time, March 1-August 31, 1960, to render service during the second semester of the academic year, $116.67 a month, supersedes; this is in addition to his Engineering Faculty Development Teaching Fellowship in Civil Engineering (2-2-60).

LANGE, CHARLES, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1960, $6500 a year, supersedes (1-12-60).

LAU, WILLIAM F., Registered Pharmacist in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), January 6-August 31, 1960, $6000 a year (1-21-60).

LANCE, CHARLES, Research Associate in Biological Chemistry (Medicine), eight months from January 1, 1960, $6500 a year, supersedes (1-12-63).

LIGHT, MAX I., Manager of Public Information Offices (Chicago Professional Colleges), seven months from February 1, 1960, $7500 a year (1-22-60).

LOUIS, JOHN, Research Associate in Medicine (Medicine), 9/10 time, eight months from January 1, 1960, $7500 a year, supersedes (1-26-60).

MAR, THERESE MING-CHUNG, Research Assistant in Microbiology, February 1-June 15, 1960, $400 a month, supersedes (2-3-60).

MARTI, JULIO, Clinical Instructor in Medicine (Medicine), December 30, 1959-August 31, 1960, without salary (1-21-60).

MART, MRS. DOROTHY, Assistant in Physical Education for Women (Chicago Undergraduate Division), February 1-June 15, 1960, $555.55 a month (1-12-60).

MARTIN, CLIFFORD K., Assistant in Agronomy (S), seven months from February 1, 1960, $4800 a year (2-8-60).

MATTHEWS, JOHN W., Associate Professor of Agricultural Engineering in India at Balwant Rajput College, Agra, U. P. under Contract ICA-W-48 with the International Cooperation Administration, February 1, 1960-August 31, 1961, $11,000 a year; in addition, allowances in accordance with Standardized United States Government Civilian Allowance Regulations (Foreign Areas) will be paid; supersedes (1-26-60).

MULVANEY, JAMES E., Research Associate in Chemistry, six months from March 1, 1960, $6000 a year (1-20-60).

OUSQUI, MOHAMMAD S., Research Associate in Ophthalmology (Medicine), eight months from January 1, 1960, without salary (1-21-60).

PERRIA, MILDRED H., Assistant in Nursing, eight months from January 1, 1960, $5500 a year (1-21-60).

PFIEFFER, DONALD W., Assistant in Theoretical and Applied Mechanics (C), February 1-June 15, 1960, $444.44 a month, supersedes (1-21-60).

PORTER, DOUGLAS R., Assistant in City Planning and Landscape Architecture, February 1-June 15, 1960, $466.66 a month (1-25-60).

PRICE, THORNTON W., Associate Professor of Mechanical Engineering (C) and Assistant Coordinator for Engineering of the International Cooperation Administration Programs for one year from September 1, 1959, $11,000; and Associate Professor of Mechanical Engineering (C), indefinite tenure from September 1, 1960, to render service during each academic year, $9,000; supersedes (1-6-60).

PUGSLEY, JAMES H., Instructor in Electrical Engineering (C), ¾ time, March 1-August 31, 1960, to render service during the second semester of the academic year, $281.25 a month (2-10-60).

PUMPER, ROBERT W., Assistant Professor of Microbiology (Medicine), January 1, 1960-August 31, 1961, $6000 a year, supersedes (1-26-60).

QUERESHI, MOHAMMED Y., Research Associate in the Institute for Research on Exceptional Children, seven months from February 1, 1960, $6400 a year (2-3-60).

RICE, WILLIAM A., Visiting Associate Professor of Geology, in the Department of Geology ¾ time, and in the Division of General Studies ¾ time, six months
from March 1, 1960, to render service during the second semester of the academic year, $8000 a year, supersedes (1-26-60).

ROBERT, MRS. BARBARA, Research Associate in Biological Chemistry (Medicine), nine months from December 1, 1959, $6500 a year (1-26-60).

SCHWARTZ, MARVIN J., Assistant Professor of Psychiatry (Medicine), six months from January 1, 1960, $13,000 a year, supersedes nonsalaried appointment (1-12-60).

SHAFFER, PAUL R., Professor of Geology, one month from July 1, 1960, $1280; this is in his present appointment (2-10-60).

SHERMAN, CARL W., Lecturer in Mining and Metallurgical Engineering (C), 1/2 time, to render service during the second semester of the academic year, February 1-June 15, 1960, $1000 (1-12-60).

SMART, CLIFTON M., JR., Assistant in City Planning and Landscape Architecture, February 1-June 15, 1960, $555.56 a month, supersedes (1-26-60).

SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), eight months from January 1, 1960, without salary, supersedes salaried appointment (2-4-60).

SRIKANTH, V., Research Associate in Microbiology, seven months from February 1, 1960, $7000 a year (2-8-60).

STEYERL, WILLIAM A., JR., Research Associate in Physics (C), January 15-August 31, 1960, $7000 a year (2-4-60).

STRIEGER, KLAUS B., Research Associate in Chemistry, seven months from February 1, 1960, $5370 a year (1-22-60).

VANDI, ANTONIO F., Research Associate in Chemistry, March 16-August 31, 1960, $458.34 a month (1-21-60).

VORBECK, JOSEPH F., Assistant in the Institute of Aviation, February 1-June 15, 1960, $750 a month (1-22-60).

WANG, MAW SHIU, Research Associate in Soils (Agronomy) (S), nine months from December 1, 1959, $6000 a year, supersedes (1-21-60).

WEI, LUN-Shin, Research Associate in Food Technology (S), eight months from January 1, 1960, $5870 a year, supersedes (2-4-60).

WEINSTEIN, HERBERT, Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eight months from January 1, 1960, without salary (1-21-60).

WEINSTEIN, SHIRLEY, Instructor in Medical Social Work (Medicine), 1/3 time, six months from January 1, 1960, $4080 a year, supersedes (2-4-60).

WELSKOFF, HENRY S., Clinical Instructor in Ophthalmology (Medicine), nine months from December 1, 1959, without salary (1-12-60).

WESTMAN, LARS F., Research Associate in Chemistry, four months from March 1, 1960, $470 a month (1-29-60).

WHITFIELD, GEORGE D., Research Associate in Physics (C), eight months from January 1, 1960, $6500 a year, supersedes (1-21-60).

WILLMORE, TRACY A., Research Associate Professor of Ceramic Engineering (S), indefinite tenure beginning February 1, 1960, $9150 a year, supersedes (2-4-60).

WILSON, BETTY R., Extramural Loans Librarian Assistant, February 15-August 31, 1960, $5100 a year (1-12-60).

WILSON, PAUL, Instructor in Theoretical and Applied Mechanics (C), six months from March 1, 1960, to render service during the second semester of the academic year, $5400 a year, supersedes (1-21-60).

ZIMMERMAN, PHILIP D., Research Assistant in Ceramic Engineering (S), seven months from February 1, 1960, $5500 a year, supersedes (2-8-60).

FELLOWS
(The following appointments were made by the President of the University.)


SCHNEIDER, HERBERT, Francis J. Plym Fellow in Architectural Engineering for 1960.

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the dates indicated in parentheses.)


ALLEN, HERMANN F., Fellow in English, three months from June 16, 1960, $900 (1-6-60).
BELLOWS, SYLVIA D., United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation (Education), February 1-June 15, 1960, $900 (2-6-60).
BERGER, BENNETT M., Fellow in Sociology, three months from June 16, 1960, $900 (1-6-60).
BIRGE, WESLEY, Fellow in Zoology, three months from June 16, 1960, $900 (1-6-60).
CHAN, SHU PARK, Fellow in Electrical Engineering, February 1-June 15, 1960, $750 (2-3-60).
COLBY, MARY M., Fellow in Geography, three months from June 16, 1960, $900 (1-6-60).
CURTIN, WILLIAM, Fellow in English, three months from June 16, 1960, $900 (1-6-60).
DANELSKI, DAVID J., Fellow in Political Science, three months from June 16, 1960, $900 (1-6-60).
ENGEL, JAMES E., Fellow in German, three months from June 16, 1960, $900 (1-6-60).
EVANS, OLIVER, Fellow in English, three months from June 16, 1960, $900 (1-6-60).
FELDMAN, ROSS, Seymour Vestmark Fellow in the Chicago Professional Colleges, eight months from November 1, 1959, $60.00 a month (1-25-60).
GREENBERG, MICHAEL J., Fellow in Zoology, three months from June 16, 1960, $900 (1-6-60).
HARRIS, HENRY S., Fellow in Philosophy, three months from June 16, 1960, $900 (1-6-60).
HONDEL, MATTHEW, Fellow in the Institute of Government and Public Affairs, three months from June 16, 1960, $900 (1-6-60).
HUMPHREYS, DEVERL S., Paul V. Galvin Teaching Fellow in Electrical Engineering, February 1-June 15, 1960, $1000; this is in addition to his appointment as Instructor in Electrical Engineering on one-half time (2-5-60).
JACKSON, BILLY, Fellow in Art, three months from June 16, 1960, $900 (1-6-60).
KEY, JOE L., Postdoctoral Fellow in Chemistry, seven months from August 1, 1959, $5500 a year, supersedes (1-29-60).
KHETTRY, ARUN, Parke-Davis Fellow in Chemistry, four months from February 1, 1960, $880 (1-28-60).
LAMB, JOHN H., Jr., Engineering Faculty Development Teaching Fellow in Civil Engineering, seven months from February 1, 1960, $934; this is in addition to his appointment as Instructor in Civil Engineering (1-22-60).
LANGERHART, RAY F., Fellow in Mathematics, three months from June 16, 1960, $900 (1-6-60).
LARRETT, RALPH L., Fellow in Geology, three months from June 16, 1960, $900 (1-6-60).
LONDON, PERRY, Fellow in Psychology, three months from June 16, 1960, $900 (1-6-60).
MARCELLIS, JACK C., Automotive Safety Foundation Fellow in Highway Engineering, Department of Civil Engineering, February 1-June 15, 1960, $750 (1-21-60).
MARGUINEZ, ANA C., United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), eight months from January 1, 1960, $250 a month (1-20-60).
MARTIN, DEAN F., Fellow in Chemistry, three months from June 16, 1960, $900 (1-6-60).
MARTIN, MARVIN B., Fellow in Art, three months from June 16, 1960, $900 (1-6-60).
ORNSTEIN, ROBERT, Fellow in English, three months from June 16, 1960, $900 (1-6-60).
OSTHOFF, F. IRENE, United States Health, Education, and Welfare Fellow (Trainee) in Vocational Rehabilitation (Education), February 1-June 15, 1960, $900 (1-6-60).

PAULSON, RONALD, Fellow in English, three months from June 16, 1960, $900 (1-6-60).

PFLEINZE, OTTO P., Fellow in History, three months from June 16, 1960, $900 (1-6-60).

POST, DOUGLAS M., Fellow in Botany, three months from June 16, 1960, $900 (1-6-60).


RICHARDS, CLAIRE, Fellow in Music, three months from June 16, 1960, $900 (1-6-60).

RINEHART, KENNETH L., JR., Fellow in Chemistry, three months from June 16, 1960, $900 (1-6-60).


SINGABAUGH, ARTHUR R., Fellow in Art, three months from June 16, 1960, $900 (1-6-60).


STEWART, THOMAS B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from September 1, 1960, $5400 (2-4-60).

STORCK, ROGER L., Postdoctoral Fellow in Microbiology, seven months from February 1, 1960, $625 a month, supersedes (2-3-60).

SULLIVAN, DENIS G., Fellow in Political Science, three months from June 16, 1960, $900 (1-6-60).


VON NEUMANN, ROBERT, Fellow in Art, three months from June 16, 1960, $900 (1-6-60).

WALDBAUER, P., Fellow in Entomology, three months from June 16, 1960, $900 (1-6-60).


RESIGNATIONS AND DECLINATIONS

BARTLEY, JACK C., Instructor in Veterinary Research (S) — resignation effective February 6, 1960.

BERLSTEIN, ALFRED, Bibliographer in the Library, with rank of Instructor — resignation effective February 10, 1960.

BLAHA, GORDON, United States Public Health Service Fellow (Trainee) in Anatomy (Chicago Professional Colleges) — resignation effective January 1, 1960.

BLANKFIELD, ALAN, Research Associate in the Coordinated Science Laboratory (C) — resignation effective February 1, 1960.

BROWN, STANLEY R., Instructor in Physical Education for Men — resignation effective March 1, 1960.

BURCHELL, ROBERT C., Assistant Professor of Obstetrics and Gynecology (Medicine) — declination effective July 1, 1960.

CUMMISFORD, PATRICIA D., Fellow in Food Technology — resignation effective February 1, 1960.

DELANEY, ROBERT F., Assistant in Physical Education for Men — resignation effective February 1, 1960.

ELIASSON, ELIAS, Fellow in Law — resignation effective January 1, 1960.

ERNST, JOHN A., National Science Foundation Cooperative Fellow in Mathematics — resignation effective February 1, 1960.

FASS, PETER J., Fellow in Psychology — declination effective September 16, 1959.

FINNEY, JOSEPH C. J., Lecturer in Psychology, with rank of Assistant Professor — resignation effective March 1, 1960.
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FRANZEN, JAMES, Research Assistant in Biological Chemistry (Medicine) — resignation effective February 1, 1960.
GASTINEAU, MARIANNE, Fellow in French — declination effective September 16, 1959.
GLAVIANO, VINCENT V., Assistant Professor of Physiology (Medicine) — resignation effective September 1, 1960.
KOUCKY, FRANK L., JR., Assistant Professor of Geology (Division of General Studies and College of Liberal Arts and Sciences) — resignation effective September 1, 1960.
LINGARD, DONALD R., Instructor in Veterinary Clinical Medicine — resignation effective March 12, 1960.
MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (C) and Head of the Digital Computer Laboratory (Graduate College) — resignation effective April 1, 1960.
MERZ, EARL H., Clinical Associate in Ophthalmology (Medicine) — resignation effective February 1, 1960.
MILLER, MARJORIE E., Instructor in Library Science, University High School Librarian, and Instructor in Library Administration — resignation effective September 1, 1960.
MITTMAN, CALVIN H., Fellow in Mathematics — declination effective September 16, 1959.
MURLI, VEMPATI G. K., Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.
OLAFSSON, JON A., Fellow in Law (Graduate College) — resignation effective January 1, 1960.
REYNOLDS, HARRY A., JR., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine) — resignation effective February 1, 1960.
ROBERTSON, DONALD C., Instructor in Art — resignation effective January 16, 1960.
RUQUIST, RICHARD D., Ford Foundation Fellow (Trainee) in Mechanical Engineering — declination effective September 16, 1960.
SHANNON, ROBERT D., Research Associate in Ceramic Engineering (S) — resignation effective February 1, 1960.
SMITH, ROBERT J., Instructor in English (Chicago Undergraduate Division) — resignation effective March 1, 1960.
SO, HING-CHEONG, Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.
STANBERG, ALICE E., United States Public Health Service Fellow (Trainee) in Education — resignation effective February 1, 1960.
STUDLEY, CHARLES B., Assistant in Physical Education for Men — resignation effective February 1, 1960.
SUCIC, STEVE, Instructor in Physical Education for Men — resignation effective March 1, 1960.
VADOPALAS, PATRICIA J., Instructor in Occupational Therapy (Medicine) — resignation effective February 1, 1960.
VICARI, GIUSEPPE, Research Associate in Chemistry — resignation effective January 1, 1960.
WEISSMAN, IRA, Research Associate in the Coordinated Science Laboratory (C) — resignation effective March 17, 1960.
YOUNG, RAYMOND J., Associate Professor of Education, in the Bureau of Educational Research — resignation effective September 1, 1959.

LEAVES OF ABSENCE

CARMICHAEL, HUGH T., Clinical Professor of Psychiatry (Medicine) — leave of absence, without salary, beginning January 1 and continuing through August 31, 1960.
JOHNSTONE, H. FRASER, Research Professor of Chemical Engineering (Engineering Experiment Station and College of Liberal Arts and Sciences) — leave of absence, with full pay, March 22 to May 22, 1960, for the purpose of making a trip to Europe in connection with his research work.
MILLER, MAURY, Professor of Pedodontics, Head of the Department, and Lecturer in Postgraduate Studies (Dentistry) — leave of absence, without salary,
for one month from July 1, 1960, following his sabbatical leave of absence which expires June 30, 1960.

MEAGHER, RALPH E., Research Professor of Physics and of Electrical Engineering (College of Engineering), and Head of the Digital Computer Laboratory (Graduate College) — leave of absence without pay for one year from April 1, 1959, changed to leave of absence without pay, beginning May 22, 1959, and continuing through March 31, 1960.

MILLER, ROBERT L., Counselor in the Student Counseling Service and Instructor in Chemistry (Chicago Undergraduate Division) — leave of absence, without pay, for one year from September 1, 1960, so that he may make use of a National Science Foundation Faculty Fellowship which has been granted him for a period of fourteen months from July 1, 1960.

PEARSON, JOHN E., Professor of General Engineering (College of Engineering) — leave of absence, without pay, beginning April 1 and continuing through May 31, 1960, so that he may do meteorological research work in cooperation with the Argonne National Laboratory.

SILVA, PAUL C., Associate Professor of Botany — leave of absence, without pay, for one year from September 1, 1960, so that he may serve as Visiting Professor at the University of California during that period.

SINAIKO, H. WALLACE, Research Assistant Professor of Psychology (College of Liberal Arts and Sciences), and Research Assistant Professor in the Coordinated Science Laboratory (College of Engineering) — leave of absence, without pay, beginning February 1 and continuing through August 31, 1960.

STOECKER, WILBERT F., Associate Professor of Mechanical Engineering — leave of absence, without pay, for the academic year beginning September, 1960.

EXECUTIVE SESSION

At this point, an executive session was requested and ordered for the consideration of the following items of business:

REPORT OF COMMITTEE ON GENERAL POLICY ON ACQUISITION OF PROPERTY IN GARFIELD PARK

The Committee on General Policy reported that at a meeting held earlier today it received from its chairman, from Director C. S. Havens of the Physical Plant Department, and from Professor Rubin G. Cohn of the College of Law (who has been serving as Special Counsel on legal matters relating to the acquisition of a site for the Chicago Undergraduate Division), reports on the developments in negotiations with officials of the city of Chicago and the Chicago Park District on site acquisition.

Mr. Johnston stated that after due discussion and consideration of the information submitted, the Committee reached the conclusion that it must now be made perfectly clear to all officials and parties concerned that the Central Area site involved in the several proposals which have been made for consolidation of railroad terminal facilities can not be made available satisfactorily to the University for the relocation of the Chicago Undergraduate Division; and that steps must be taken promptly to resolve the legal questions affecting the conveyance by the Chicago Park District of land in Garfield Park to the University, and the question of cost of such land to the University.

Professor Cohn advised the Committee that when legal proceedings have been instituted to establish the power of the Chicago Park District to convey park property to the University, official action by the Board of Trustees will need to be taken promptly which will require either a special meeting of the Board or authorization of the Executive Committee to act for the Board.

The Board concurred in the conclusions of the Committee on General Policy, and the President of the University was requested to confer with the Mayor of Chicago and other public officials concerned as soon as possible to present the University's position.

On motion of Mr. Swain, the Board authorized its Executive Committee to consider, and in its discretion to accept, for a consideration not in excess of $1,000, an option, if offered by the Board of Commissioners of the Chicago Park District, to purchase a portion of the area
embraced within Garfield Park for use by the University of Illinois as an institution of higher education, provided that the purchase price specified in the option represents an approximate valuation of the market value of such property as determined by the Executive Committee.

This motion was unanimously adopted.

PURCHASE OF PROPERTY AT 903 WEST NEVADA STREET, URBANA

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property, including all the furnishings in the house, at 903 West Nevada Street, Urbana, at a price of $43,000.

This property consists of a lot, 66 ft. by 104 ft., and an adjoining parcel, 43.4 ft. by 16 ft. (total land area of 7,558 square feet), and a three-story and basement frame house which is presently used as a rooming house for women students. The lot adjoins University property and is within the area of long-range campus expansion. In the meantime, the house, which has been improved in recent years and is in very good condition, can be used to advantage as a cooperative house for women students. There is a need for expansion of such housing, and this house can accommodate twenty-eight women and a housemother.

The average of four independent appraisals made of the property by local real estate experts is $34,300. The furnishings in the house and the food service equipment are relatively new and in good condition. They are offered to the University for $8,700, which is less than half of what new equipment would cost.

No funds are available in the state capital appropriations to the University for 1959-61, but it is recommended that $43,000 be advanced from funds accumulated in the operation of the temporary housing units to be repaid with interest at a rate of 3 1/2 per cent a year from the net income of all cooperative housing. A rental rate of $240 a year per occupant will be charged in all cooperative units and will provide sufficient net income to liquidate the investment in twenty years.

The Committee on Buildings and Grounds has previously reviewed these recommendations and is prepared to support the same.

I recommend that the purchase of the property be authorized and that funds be assigned from Housing Division reserves as indicated.

On motion of Mr. Clement, the purchase of this property was authorized, and the requested assignment of funds was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(22) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by a member of the staff.

Method of preparing and dehydrating foods — A. I. Nelson, Professor of Food Processing, inventor. This is a new way of dehydrating and preparing foods, especially precooked, cream-style sweet corn. It was developed by the Department of Food Technology under a contract with the Quartermaster Corps of the United States Army. The Head of that Department is doubtful that the method constitutes a patentable invention; and both he and the inventor are convinced that the method has no commercial possibilities, although it may have some value in the preparation of military rations. After considering this matter, the Patent Committee recommends the release of all rights of the University in this development to the United States Government.

I concur in this recommendation.

On motion of Mr. Clement, this recommendation was approved.

On motion of Mr. Pogue, the Board adjourned.

A. J. JANATA  Kenney E. Williamson
Secretary  President
The annual meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, March 16, 1960, beginning at 11:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Harold Pogue and Governor William G. Stratton were absent. Mr. Timothy W. Swain was not present when the Board convened but joined the meeting later.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. J. S. Begando, Assistant to the President, Mr. V. L. Kretschmer, Director of Auxiliary Services, Professor Rubin G. Cohn of the College of Law, Mr. C. W. Sanford, Dean of Admissions and Records; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
MEETING OF COMMITTEE ON GENERAL POLICY

Prior to the meeting of the Board, the Committee on General Policy met beginning at 9:30 a.m. in a work session for consultation with the President and other University officials on matters of University policy.

ELECTION OF TEMPORARY CHAIRMAN

The office of President of the Board of Trustees being vacant, Mr. Wayne A. Johnston nominated Mr. Wirt Herrick as President, Pro Tempore, of the meeting. Mr. Herrick was elected by acclamation and took the chair.

ELECTION OF OFFICERS

President of the Board

Mr. Herrick called for nominations for the office of President of the Board of Trustees.

Mr. Johnston nominated Mr. Kenney E. Williamson. Mr. Harewood seconded the nomination.

On motion of Mr. Harewood, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Kenney E. Williamson as President, to serve until the next annual meeting of the Board of Trustees in March, 1961, or until his successor shall have been elected and qualified.

The ballot was cast and Mr. Williamson was elected President of the Board. He took the chair and expressed his appreciation of the confidence of the Board in re-electing him President.

Secretary of the Board

Mr. Johnston nominated Mr. A. J. Janata as Secretary of the Board. Mr. Hughes seconded the nomination.

On motion of Mr. Hughes, the nominations were closed, and Mr. Janata was unanimously elected as Secretary of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until his successor shall have been elected and qualified.

Comptroller of the Board

Mr. Herrick nominated Mr. H. O. Farber as Comptroller of the Board. Mr. Johnston seconded the nomination.

On motion of Mr. Johnston, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for the election of Mr. Farber as Comptroller of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until his successor shall have been elected and qualified. The ballot was cast and Mr. Farber was elected Comptroller.

Executive Committee

Mr. Harewood nominated Mrs. Frances B. Watkins and Mr. Wayne A. Johnston to serve as members of the Executive Committee, with the President of the Board as Chairman, for one year.

On motion of Mr. Clement, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the Board for Mrs. Watkins and Mr. Johnston as members of the Executive Committee of the Board of Trustees, to serve until the next annual meeting in March, 1961, or until their successors shall have been
elected. The ballot was cast and Mrs. Watkins and Mr. Johnston were elected members of the Executive Committee.

DELEGATION OF SIGNATURES

Mr. Johnston offered the following resolution:

Resolved. That the President and the Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the Auditor of Public Accounts, and to warrants drawn on the Treasurer of the University, under the following conditions.

The President of the Board of Trustees is authorized to delegate to L. M. Dahlenburg and to W. D. Green in Urbana, to H. A. Hazleton, to W. E. Cowart, and to H. O. Albers in Chicago, and to Edward F. Lis and to Helen Culbertson in Springfield, authority to sign his name as President of the Board of Trustees to vouchers against the Auditor of Public Accounts; and to C. C. DeLong, to R. W. Zimmer, and to R. F. Wood in Urbana, and to H. A. Hazleton, to W. E. Cowart, and to H. O. Albers in Chicago, authority to sign his name to warrants on the University Treasurer covering vouchers approved in accordance with regulations approved by the Board.

The Secretary of the Board of Trustees is authorized to delegate to Maude Archdeacon, to George H. Bargh, and to Everett G. Smith in Urbana, and to G. R. Moon, to Velma M. Davis, to Helen Wyle, and to Genevieve R. Mutka in Chicago, authority to sign his name as Secretary of the Board of Trustees to vouchers against the Auditor of Public Accounts and to warrants on the University Treasurer, covering vouchers approved in accordance with regulations of the Board. The Secretary of the Board of Trustees is authorized to delegate to Mrs. Freda M. Hicks and to Lean C. Ryan in Springfield, authority to sign his name as Secretary of the Board of Trustees on vouchers against the Auditor of Public Accounts approved in accordance with the regulations of the Board. These authorizations are to continue in effect until the Auditor of Public Accounts has been supplied with specimen signatures of succeeding officers of this Board. And be it further

Resolved, That the First National Bank of Chicago as a designated depository of C. W. Weldon, Treasurer of this corporation, be and it (including its correspondent banks) is hereby requested, authorized, and directed to honor checks, drafts, or other orders for the payment of money drawn in this corporation's name, including those drawn to the individual order of any person or persons whose name or names appear thereon as signer or signers thereof, when bearing or purporting to bear the facsimile signatures of the two following: Kenney E. Williamson, President, and A. J. Janata, Secretary; and the First National Bank of Chicago (including its correspondent banks) shall be entitled to honor and to charge this corporation for all such checks, drafts, or other orders, regardless of by whom or by what means the facsimile signature or signatures thereon may have been affixed thereto, if such facsimile signature or signatures resemble the facsimile specimens duly certified to or filed with the First National Bank of Chicago by the Secretary or other officer of this corporation. And be it further

Resolved, That the Auditor of Public Accounts is hereby authorized and directed to honor vouchers bearing facsimile signatures of the President and Secretary of the Board of Trustees of the University of Illinois if such facsimile signatures resemble the facsimile specimens duly certified to or filed with the Auditor of Public Accounts by the Secretary.

This resolution was unanimously adopted.

STANDING COMMITTEES FOR 1960-61

The President of the Board has appointed the following standing committees of the Board of Trustees to serve during the year 1960-61, or until their successors have been appointed following the annual meeting of the Board of Trustees in March, 1961:
BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Mrs. Donatella G. Adler, Research Assistant Professor of Physics, for four months from February 15, 1960, at a salary of $2,740 (G).

2. Webster Aitken, George A. Miller Visiting Professor of Music, for the academic year 1960-61, at a salary of $11,000 (E).

3. Arthur W. Burks, Visiting Research Professor of Applied Mathematics, in the Digital Computer Laboratory, Graduate College, for the first semester of 1960-61, without salary (E).

4. John M. Dennison, Assistant Professor of Geology, on one-fourth time, and in the Division of General Studies, on three-fourths time, beginning September 1, 1960, at an annual salary of $6,000 (B).

5. Walter H. H. Gränicher, Associate Professor of Physics and of Ceramic Engineering, for four months from May 1, 1960, at a salary of $4,000; beginning September 1, 1960, at an annual salary of $9,000 (G, D).

6. Benjamin M. Hair, Assistant Professor of Preventive Medicine, on 80 percent time, beginning January 1, 1960, at an annual salary of $15,000 (DY80).

7. Raymond E. Miller, Visiting Assistant Professor in the Digital Computer Laboratory, Graduate College, for the first semester of 1960-61, without salary (E).

8. Alfred Nisonoff, Associate Professor of Microbiology, in the Graduate College, for two months from June 16, 1960, at a salary of $2,666; beginning September 1, 1960, at an annual salary of $12,000 (G, A).

On motion of Mr. Herrick, these appointments were confirmed.
HEADSHIP OF THE DEPARTMENT OF RUSSIAN

(2) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Ralph E. Matlaw, presently Assistant Professor of Russian at Princeton University, as Associate Professor of Russian on indefinite tenure and Head of the Department of Russian, beginning September 1, 1960, at an annual salary of $12,000 on "A" basis.

It is also recommended that he be given a summer appointment beginning July 15, 1960, through August 31, 1960, at a total salary of $2,000 for the period, so that his services will be available in organizing the program of the new Department of Russian.

This recommendation is made after consultation with the appropriate members of the faculty and is endorsed by the Vice-President and Provost and the Dean of the Graduate College.

I concur.

On motion of Mr. Clement, this appointment was approved.

APPOINTMENTS TO THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION

(3) Pursuant to the provisions in the Articles of Incorporation of the University of Illinois Athletic Association, I submit herewith nominations for appointments and reappointments, as indicated in each case, to its Board of Directors to become effective as of today and to continue until the next annual meeting of the Board of Trustees of the University of Illinois in 1961, or until the successors of these Directors have been appointed:

Faculty

Leslie A. Bryan, Professor of Management and Director of the Institute of Aviation (reappointment; Director Bryan was appointed June 23, 1959, to succeed the late Dean Robert B. Browne)

H. Kenneth Allen, Professor of Economics (reappointment; he has served since 1957)

Joseph A. Russell, Professor of Geography and Head of the Department (reappointment; he has served since October 1, 1958, when he was appointed to fill a vacancy created by the resignation from the University of Professor Marcus M. Rhoades, who was appointed in March, 1958)

Harold W. Hannah, Professor of Agricultural Law, Department of Agricultural Economics (new appointment; he replaces Professor Kenneth J. Trigger of the Department of Mechanical Engineering who has served since 1956)

Alumni

Charles V. Hall, Class of 1931, 102 North Street, Normal, Illinois (reappointment; he has served since 1957)

Duane A. Cullinan, Class of 1937, 1617 Eighth Street, Pekin, Illinois (reappointment; he has served since March, 1959)

Stanley L. Bodman, Class of 1937, 175 West Jackson Boulevard, Chicago, Illinois (new appointment; he replaces Mr. John A. Hobart, Class of 1938, who has served on the Board since March, 1956)

On motion of Mr. Hughes, these appointments were approved.

SABBATICAL LEAVES OF ABSENCE FOR 1960-61

(4) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1960-61 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated.

The programs of research, study, and travel for which these leaves are requested have been examined by the University Research Board which advises the President in such matters.

A number of other applications for sabbatical leaves during 1960-61 are still under consideration, and additional recommendations may be submitted at a subsequent meeting.
College of Agriculture

Department of Agricultural Economics and Extension Service in Agriculture

EARL H. REGNIER, Associate Professor of Agricultural Economics and of Rural Recreation, first semester (six months from July 1, 1960), full pay; to study recreation programs, practices, procedures, and literature; work to be done in United States universities and libraries.

Department of Agricultural Engineering

KEITH H. HINCHCLIFF, Professor of Agricultural Engineering, first semester (six months from September 1, 1960), full pay; for investigation of housing research and education, community planning, and rural home improvement, in the United States and in Europe.

Department of Agronomy

ROGER H. BRAY, Professor of Soil Fertility, second semester (six months from March 1, 1961), full pay; for consultation with other research workers on soil fertility and soil-plant relationships, in Europe.

RICHARD H. HAGEMAN, Associate Professor of Agronomy, full year (beginning September 1, 1960), one-half pay; to study the interrelationship of mineral nutrients with enzymatic and biological activity, in England.

EARL R. LENG, Professor of Agronomy, second semester (six months from March 1, 1961), full pay; for investigation of plant breeding theories and methods, in Germany.

Department of Dairy Science

NOLAN L. VANDERMARK, Professor of Physiology, second semester (six months from March 1, 1961), full pay; to study the use of physical and chemical approaches with electronic instruments, isotopes, and other devices; work to be done in the United States, or in Europe if outside grant-in-aid for travel is secured.

Department of Horticulture

NORMAN F. OEBKER, Associate Professor of Horticulture, first semester (six months from September 1, 1960), full pay; to study post-harvest handling of vegetables; work to be done in California.

Department of Plant Pathology

HALBERT H. THORNBERRY, Professor of Plant Pathology, second semester (six months from March 1, 1961), full pay; for completion of textbook and laboratory manual, study of crop diseases, study of organization of International Center for Technical Information in Phytophiiology, in the United States and in Europe.

College of Commerce and Business Administration

Department of Accountancy

HELLFRIED P. HOLZER, Assistant Professor of Accountancy, second semester, full pay; to study accounting methods during inflationary periods, in Germany and in Austria.

Department of Economics

HANS BREMS, Professor of Economics, second semester, full pay; for testing a mathematical model on European data, in Europe.

Department of Finance

RUSSELL M. NOLEN, Professor of Finance, second semester, full pay; to study monetary policy, fiscal policy, capital investment, and economic growth, in the United States, in Canada, and in England.

RICHARDS C. OSBORN, Professor of Finance, second semester, full pay; to study and collect data on the impact of governmental controls over corporate financing, in England.

Department of Marketing

ROBERT V. MITCHELL, Professor of Marketing, second semester, full pay; for research and writing on market measurement and management, and developing a marketing atlas for the state of Illinois.
College of Education

LEE J. CRONBACH, Professor of Education and of Psychology, first semester, full pay, and second semester, without pay; for continuation of research program on psychometric theory and for preparation of monograph. (He will have a membership in the School of Mathematics at the Institute for Advanced Study, Princeton.)

NATHANIEL L. GAGE, Professor of Education, full year (beginning September 1, 1960), one-half pay, or one-half year (beginning August 12, 1960), full pay; full-year leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the formulation of theories of teaching and to write a handbook; work to be done at the University of California.

JAMES J. GALLAGHER, Professor in the College of Education and in the Institute for Research on Exceptional Children, academic year, one-half pay; for study and research on creativity in gifted children, at Stanford University.

LAWRENCE E. METCALF, Associate Professor of Education, first semester, full pay; for research in logic and linguistics of teaching: (1) refinement of concepts in a University High School pilot study, and (2) writing of a textbook.

LLOYD J. PHIPPS, Professor of Agricultural Education, first semester (six months from August 1, 1960), full pay; for research in the education of new farm operators in the public school system; work to be done in the United States.

RAY H. SIMPSON, Professor of Education, first semester, full pay; to study the application of social psychological principles to the practices of classroom teachers; work to be done in the United States.

J. RICHARD SUCHMAN, Associate Professor of Education, first semester, full pay; for research on the teaching of inquiry skills to elementary school children; work to be done in the United States.

College of Engineering

Department of Civil Engineering

THOMAS H. THORNBURN, Professor of Civil Engineering, academic year, one-half pay, or one semester, full pay; one-year leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for preparation of an engineering soil map of a portion of West Germany.

Department of Electrical Engineering

HAROLD D. WEBB, Professor of Electrical Engineering, first semester, full pay; to study radio wave propagation, at Stanford University.

PAUL HANDLER, Assistant Professor of Electrical Engineering and of Physics, academic year, one-half pay; to study nuclear and electron paramagnetic resonance techniques and application to surface physics, in France.

Department of Mining and Metallurgical Engineering

THOMAS A. READ, Professor of Mining and Metallurgical Engineering and Head of the Department, first semester, full pay; for research in diffusionless phase changes in metals and alloys; Visiting Professor at Oxford University.

Department of Physics

ROBERT D. HILL, Professor of Physics, academic year, one-half pay; to study elementary particle interactions, in Europe.

DILLON, E. MAYTHER, Professor of Physics, academic year, one-half pay; for experimental work on superconductivity and preparation of material for publication; work to be done in the United States.

College of Fine and Applied Arts

Department of Architecture

JOHN G. REPLINGER, Associate Professor of Architecture, second semester, full pay; to study neighborhood planning, community development, and educational buildings; work to be done in the United States.

ROBERT J. SMITH, Professor of Architecture, second semester, full pay; to study the historical background relationship between landscape and architecture; work to be done in Europe.
School of Music

STANLEY FLETCHER, Professor of Music, academic year, one-half pay; for completion of two books for publication, and study in Europe.

J. ROBERT KELLY, Associate Professor of Music, second semester, full pay; for composition of symphony and study of German teaching techniques in theory and composition; work to be done in the United States and in Europe.

BURRILL PHILLIPS, Professor of Music, first semester, one-half pay, and second semester, without pay; for musical composition, research in the relationship between Spanish and American popular music, and research in cine-art and opera in Italy.

DRAGAN PLAMENAC, Professor of Music, second semester, full pay; for research on fourteenth to sixteenth century musical manuscripts, in eastern Europe.

PAUL ROLLAND, Professor of Music, academic year, one-half pay; for teaching and research on German school of violin playing, in Europe.

Health Services

JACK OTIS, Associate Professor of Hygiene and Psychiatric Social Work Supervisor, academic year, one-half pay; to complete writing of Critique of Cultural Theories.

College of Journalism and Communications

Department of Advertising

LESLIE W. McCLURE, Professor of Advertising, first semester, full pay; for research on marketing and advertising.

Institute of Labor and Industrial Relations

WILLIAM H. MCPHERSON, Professor of Economics in Labor and Industrial Relations, full year, one-half pay; to study determinants of labor relations in European industrial plants.

College of Law

RUBIN G. COHN, Professor of Law, first semester, full pay; to study the structure, organization, and powers of the judicial, legislative, and administrative departments of government in the state of Israel.

College of Liberal Arts and Sciences

Department of Anthropology

JULIAN H. STEWARD, Research Professor of Anthropology, academic year, one-half pay; leave contingent upon receipt of financial support through a fellowship or grant-in-aid; to study comparative analysis of the acculturation of contemporary native populations under influences of the modern industrial world, at Stanford University.

Department of Astronomy

STANLEY WYATT, JR., Associate Professor of Astronomy, first semester, full pay; for completion of analysis of work on double cluster of galaxies in Hercules, for study of observing programs for large radio telescope, for completion of a textbook, and study of satellite Vanguard; work to be done in the United States.

Department of Chemistry and Chemical Engineering

PETER E. YANKWICH, Professor of Physical Chemistry, academic year, one-half pay; for studies of extension of isotope fractionation techniques, chemical and mass spectrometric techniques, and theory of kinetic isotope fractionation; work to be done in the United States.
Department of Classics
Revisio P. Oliver, Professor of Classics, academic year, one-half pay; for preparation for publication of De seriis et sectis, and to complete a part of the Yale Edition of works of Sir Thomas More; work to be done in Italy.

Division of General Studies
Otto E. Kugler, Professor of Biological Sciences, second semester, full pay; for completion of research on the reproductive organs of the slug, and for study and observation of teaching programs at other institutions in the United States.

Department of English
A. Lynn Altenbernd, Assistant Professor of English, first semester, full pay; to study the impact of European travel on social and political thought of Adams, Howells, Twain, and James.
Robert L. Haig, Assistant Professor of English, academic year, one-half pay; for research to prepare a study of John Dunton and of social, religious, scientific, and literary trends in the eighteenth century, in the United States and Europe.
Allan G. Holaday, Professor of English, second semester, full pay; for a biographical-critical study of the poet, Giles Fletcher, in the United States and England.
J. N. Hook, Professor of English and Counselor on the Council on Teacher Education, second semester, full pay; to study the teaching of English in the British Isles, including the work of the International Association of the Teachers of English, in England.
Cornelia P. Kelley, Assistant Professor of English, second semester, full pay; to study the connection between novels of Henry James and their settings, in Europe.
Burton A. Milligan, Professor of English, first semester, full pay; for study and research on the life and work of John Heywood and others in the Tudor period, and for completion of edition, Heywood's Spider and the Fly; work to be done in the United States.
Gardiner B. Stillwell, Assistant Professor of English, first semester, full pay; to study Chaucer's works in relation to sources and background materials; work to be done in the United States.

Department of French
Charles A. Knudson, Professor of French and Head of the Department, second semester, full pay; for research in medieval literature, in Europe.

Department of Geography
Charles S. Alexander, Assistant Professor of Geography, first semester, without pay; and second semester, full pay; first semester leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the physical and cultural geography of northern coastal zone of Tanganyika, British East Africa.
Howard G. Roepke, Associate Professor of Geography, first semester, full pay; to study the movements of the British iron and steel industry—changes since World War II (contingent upon receipt of outside grants) or changes in the agriculture of the Delmarva Peninsula.

Department of Geology
George W. White, Professor of Geology and Head of the Department, first semester, full pay, and second semester, without pay; for completion of a monograph on glacial geology of the Western Allegheny Plateau; work to be done in Ohio.

Department of German
Frank G. Banta, Associate Professor of German and Chairman of the Department, first semester, full pay; to study manuscripts of Berthold von Regensburg, in Germany and in Austria.
ERNST A. PHILIPPSON, Professor of German, second semester, full pay; for preparation of a history of the German language, and for research on the history of Germanic religion and mythology, in Germany.

Department of History
J. LEONARD BATES, Associate Professor of History, second semester, full pay; for completion of a biography of the late Senator Thomas J. Walsh of Montana.
NATALIA M. BELTING, Assistant Professor of History, first semester, full pay; for completion of a French-Illinois dictionary, in the United States.
DENO GEANAKOPOLOS, Professor of History, academic year, one-half pay; to study the transmission of Greek learning from the Byzantine East to Western Europe via Venice, and to study cultural life at the Papal court in the fourteenth century.

Department of Mathematics
JOSEPH LANDIN, Professor of Mathematics, academic year, one-half pay; for research in mathematics on the classical groups, in the United States.
EDWARD J. SCOTT, Associate Professor of Mathematics, second semester, full pay; for study of numerical methods applicable to solution by machine computation of boundary value problems.

Department of Philosophy
FREDERICK L. WILL, Professor of Philosophy, first semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for completion of a book on the philosophy of induction.

Department of Political Science
EDWARD G. LEWIS, Professor of Political Science, second semester, one-half pay; to study the French Government under the constitution of 1958, in France.
JACK W. PELTASON, Professor of Political Science, second semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the policy role of the English judiciary, in England.

Department of Sociology
BERNARD KARSH, Associate Professor of Sociology, in the Department of Sociology and in the Institute of Labor and Industrial Relations, full year, one-half pay; leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for seminars and research on methods in social science and field research in industrial sociology, in Japan.

Department of Speech
KING BROADRICK, Associate Professor of Speech, second semester, full pay; to study the history of forensic rhetoric and preparation of material for a course in this field; work to be done at the libraries of Columbia and Harvard Universities and the Library of Congress.
RAYMOND E. NADeAU, Associate Professor of Speech, first semester, full pay; for completion of the translation and introduction, De Statibus, and for work on translation of On Delivery, in the United States.
SEVERINA E. NELson, Professor of Speech, first semester, full pay; for visiting speech clinics to substantiate philosophies of speech correctionists, and to observe techniques, in the United States.

School of Life Sciences

Department of Botany
JOHN R. LAUGHAN, Professor of Botany, second semester, full pay, or academic year, one-half pay; the latter contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; for visiting genetics laboratories, and for study of origin of noncrossover derivatives of A³ gene complexes in maize, in the United States.
Department of Microbiology
RALPH S. WOLFE, Associate Professor of Microbiology, academic year, one-half pay; to study the physiology and metabolism of bacteria, in England.

Department of Physiology
JOHN D. ANDERSON, Associate Professor of Physiology, academic year, one-half pay; for research on slime molds, and for preparation of material for an undergraduate course, at Emory and Stanford Universities.
FREDERIC R. STEGGERDA, Professor of Physiology, second semester, full pay; for lectures and study at Hiroshima University, in Japan.

Department of Zoology
JOHN O. CORLISS, Associate Professor of Zoology, first semester, full pay, and second semester, without pay; for protozoological research and conferences with scientists, University of London and other institutions in Europe.
DONALD F. HOFFMEISTER, Professor of Zoology, six months (October 15 to April 15), full pay; for research and writing on the mammals of Arizona.

Graduate School of Library Science
THELMA EATON, Professor of Library Science, first semester, full pay; for preparation of a book on history of libraries, and for work on monographs.
WILLIAM V. JACKSON, Associate Professor of Library Science, academic year, one-half pay; for preparation of (1) guide to library collections, and (2) notable materials added to American libraries, 1950-54; work to be done in the United States and in Europe.

College of Physical Education
Department of Health and Safety Education
GEORGE T. STAFFORD, Professor of Health Education, in the Department of Health and Safety Education and in the Division of University Extension, second semester, full pay; to study rehabilitation centers and to observe new programs and techniques, in the United States and in Europe.

Department of Physical Education for Women
BEULAH J. DROM, Assistant Professor of Physical Education for Women, first semester, full pay; to study closed circuit television teaching and physical education programs in elementary school laboratories at various universities, and for preparation of materials for physical education in elementary schools.

Department of Recreation
MAXWELL R. GARRET, Assistant Professor of Recreation, first semester, full pay; to study youth hostels, to study fencing in European countries, and to attend World Congress in Physical Education in connection with Olympic Games, in Europe.

Chicago Undergraduate Division
IRVING D. BLUM, Assistant Professor of English, second semester, full pay; for completion of a study of man of business in English literature.
WILLIS C. JACKMAN, Assistant Professor of English, second semester, full pay, or academic year, one-half pay; to study the development of certain elements in grammar structure in English, as changes have occurred over the centuries; work to be done in Europe.
JOHN C. JOHNSON, Assistant Professor of English, second semester, full pay; for continuation of studies of attitude of Academy toward Continental and American writers, 1869-96; work to be done in Northwestern University and Newberry Libraries.
MOREEN C. JORDAN, Assistant Professor of English, second semester, full pay; for preparation of a bibliography on Henry James; work to be done in Europe.
ALEXANDER KARANIKAS, Assistant Professor of English, second semester, full pay, or academic year, one-half pay; for completion of publications and for studies of racism, Victorian writers, and of social and literary theories of the Southern Agrarians; work to be done in the United States.
MAX C. SHANK, Associate Professor of Biological Sciences and Chairman of the Division, academic year, one-half pay; leave contingent upon receipt of supplementary financial support through a fellowship or grant-in-aid; to study the relation between length of day and gonadal cycle in migratory birds; work to be done in Uganda, British East Africa.

LESTER D. WHITE, Assistant Professor of Architecture, academic year, one-half pay; for visiting schools whose instruction has the most impact upon contemporary architecture, in the United States, in Japan, and in Europe.

Chicago Professional Colleges

College of Medicine
ROBERT M. Kark, Professor of Medicine, six months from July 1, 1961, full pay; to study renal disorders; work to be done in London.

KLAUS R. UNNA, Professor of Pharmacology and Head of the Department, six months from October 1, 1960, full pay; to study the history of pharmacology in the nineteenth century, as Honorary Professor at the University of Vienna.

College of Pharmacy
BERNARD GREENBERG, Assistant Professor of Zoology, academic year, one-half pay; to study host-contaminant biology of Muscoid flies, in Italy.

ALFRED J. PERKINS, Associate Professor of Chemistry, six months from January 23, 1961, full pay; for examination of the structure of the trithiocarbonate ion and tetrathiocarbonates; work to be done at the Massachusetts Institute of Technology.

Research and Educational Hospitals
CONRAD L. PIRANI, Professor of Pathology and Pathologist, six months from March 20, 1961, full pay; to study connective tissues; work to be done in Europe.

On motion of Mrs. Watkins, these leaves were granted as recommended.

AMENDMENT OF REGULATIONS GOVERNING ASSESSMENT OF RESIDENT OR NONRESIDENT STUDENT FEES

(5) The Committee on Fees recommends a revision in paragraph 15 in the "Regulations Governing Assessment of Resident or Nonresident Student Fees," effective June 1, 1960, as follows; the changes are shown in italics and language to be deleted is in parentheses.

Staff members and the spouses and dependent children of staff members of the University and allied agencies located in Champaign-Urbana on full-time appointment (at the University), members of the faculties of state-supported institutions of higher education in Illinois on full-time appointment, (and) teachers on full-time appointment in the elementary and secondary schools in Illinois, and staff members on full-time appointment with allied agencies located elsewhere in Illinois shall be permitted to attend the University upon paying the same tuition and other fees assessed against resident students during the period the staff member, faculty member, or teacher holds such appointment and during the Summer Session immediately following the school year for which such appointment was effective. (... and is performing the duties of the position specified above to which he has been appointed.)

I concur.

On motion of Mr. Harewood, this recommendation was approved.

APPROPRIATION FOR GRADUATE COLLEGE FELLOWSHIPS FOR 1960-61

(6) On request of the Dean of the Graduate College and with the concurrence of the Vice-President and Provost and the Vice-President and Comptroller, I recommend an appropriation of $282,500 for fellowships during the academic year 1960-61 — $262,500 for graduate study at Urbana and $20,000 for graduate study at the Chicago Professional Colleges. This is the same annual amount as has been assigned by the Board for fellowships during the past several years.
Funds have been included in the biennial budget for 1960-61 for this purpose. On motion of Mr. Johnston, this appropriation was made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Pogue, Mr. Stratton, Mr. Swain.

**CONTRACT FOR STORM SEWER CONSTRUCTION TO SERVE ORCHARD PLACE APARTMENTS AREA**

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $9,989 to Illiana Construction Company, Inc., Urbana, the lowest bidder, for the construction of a new storm sewer connection from the south end of the Orchard Place Apartments area to the Race Street storm sewer. Funds are available in the construction account for this housing project.

I concur.

On motion of Mr. Herrick, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Pogue, Mr. Stratton, Mr. Swain.

**PURCHASES**

(8) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest acceptable bid. I concur.

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<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
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<tr>
<td>One Tektronix model 555 dual beam oscilloscope</td>
<td>Electrical</td>
<td>Tektronix, Inc.</td>
<td>$3,201.45</td>
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<td>One No. 500/53A scopemobile</td>
<td>Engineering</td>
<td>Park Ridge</td>
<td>f.o.b. delivered</td>
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<td>One “CA” preamplifier</td>
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<td>One “H” preamplifier</td>
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<tr>
<td>One type 2,004 digital voltmeter group, complete with all necessary</td>
<td>Electrical</td>
<td>Electronic Associates,</td>
<td>2,900.00</td>
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<tr>
<td>cables, and connectors for use with Model 16-31-R pace analog</td>
<td>Engineering</td>
<td>Inc., Long Branch, N.</td>
<td>f.o.b. Long Branch, N. J.</td>
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<tr>
<td>computer</td>
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<td>54 cat cages</td>
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<tr>
<td>One five-channel remote area monitoring system including:</td>
<td>Physics</td>
<td>Leichner Manufacturing</td>
<td>3,483.00</td>
</tr>
<tr>
<td>One TA-1 control and power unit</td>
<td></td>
<td>Co., Champaign, Ill.</td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>One TA-2 auxiliary chassis</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One MX-7Q audible alarm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five TA-6 probes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five AX-5 wall and probe bracket set</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five AX-2 plug-in meters and alarm light</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five TA-3 station indicator 400 feet cable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One single pen strip chart recorder to monitor one channel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two gold bars 99.999 per cent pure, 25 inches long 0.480±0.010</td>
<td>Physics</td>
<td>Sigmund Cohn Corp.,</td>
<td>6,655.00</td>
</tr>
<tr>
<td>Two cocktails</td>
<td></td>
<td>Mount Vernon, N.Y.</td>
<td>f.o.b. Mount Vernon, N.Y.</td>
</tr>
<tr>
<td>One chair kitchen unit consisting of:</td>
<td>Home Economics</td>
<td>Zwettler &amp; Stahnke,</td>
<td>4,010.42</td>
</tr>
<tr>
<td>One range unit (less range)</td>
<td></td>
<td>Urbana</td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>One sink unit (less sink)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two mix centers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eight base and upper cabinet units</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two full height cabinet units</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Six corner cabinet units</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Six microscopes, student, monocular:</td>
<td>Microbiology</td>
<td>Arthur S. LaPine &amp; Co.</td>
<td>5,559.70</td>
</tr>
<tr>
<td>Ten X, 45X, 97X (oil), 10X eyepiece</td>
<td></td>
<td>Chicago</td>
<td>f.o.b. delivered</td>
</tr>
<tr>
<td>Nine microscopes, student, monocular:</td>
<td>Veterinary Medicine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2X, 10X, 15X, 97X, 10X eyepiece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One microscope, phase, 10X, 20X, 30X, 97X dark contrast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less trade-in allowance for one obsolete microscope, three objectives</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>one eyepiece</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>--------</td>
<td>-------</td>
</tr>
<tr>
<td>One portable automatic flask washer</td>
<td>Hospital Pharmacy</td>
<td>American Sterilizer Co., Chicago</td>
<td>$1,840.00 delivered</td>
</tr>
<tr>
<td>Two analog computers; one X-Y recorder and accessories</td>
<td>Physiology, College of Medicine</td>
<td>Donner Scientific Co., Concord, Calif.</td>
<td>8,253.30 f.o.b.</td>
</tr>
<tr>
<td>One set of band-orchestra-chorus folding risers, five levels, with over-all size of layout, 60 ft. x 30 ft.</td>
<td>Music Extension</td>
<td>Crossley Associates, Inc., Chicago</td>
<td>1,700.00 f.o.b. Pasadena, Calif.</td>
</tr>
<tr>
<td>And such additional quantities of the Students' Edition and/or Teachers' Edition, as required to meet the needs of the program through June 30, 1961</td>
<td>University Press</td>
<td>The Cuneo Press, Inc., Chicago</td>
<td>5,594.45 f.o.b. delivered</td>
</tr>
<tr>
<td>Print and bind 1,500 copies of <em>The Impact of Educational Television</em>, edited by Wilbur Schramm, approximately 288 pages per copy</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>25,597.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Print and bind 1,000 copies of <em>Genesis and Structure of Society</em>, by Giovanni Gentile, approximately 224 pages per copy</td>
<td>Print Shop</td>
<td>Minnesota Mining &amp; Manufacturing Co., St. Paul, Minn.</td>
<td>3,195.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>Print and bind 1,000 copies of <em>Social Philosophy of Giovanni Gentile</em>, by H. S. Harris, approximately 368 pages per copy</td>
<td>Office Supply Stores</td>
<td>Jack Sheean, Bloomington</td>
<td>5,024.00 f.o.b. Urbana</td>
</tr>
<tr>
<td>Print and bind 34,000 copies of the Time Table for the first semester of 1960-61, approximately 256 pages per copy</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>29,919.45 f.o.b. Urbana</td>
</tr>
<tr>
<td>Print and bind 40,000 copies of the Undergraduate Study Catalog for 1960-61</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>9,013.19 f.o.b. Urbana</td>
</tr>
<tr>
<td>One 3M Makereddy exposure unit, electronically controlled, for the reproduction of halftones</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>5,113.19 f.o.b. Urbana</td>
</tr>
<tr>
<td>160 steel bookshelf sections, each 16 in. wide x 3 1/2 in. deep x 84 in. high</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>Steel office furniture, for Office Supply Storeroom stock to be distributed to various University departments as follows:</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>200 desks</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>25 tables</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>195 filing cabinets</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>390 steel office chairs, Naugahyde plastic upholstery, for stock to be distributed to various University departments, assorted styles as follows:</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>150 swivel arm chairs</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>25 swivel chairs, no arms</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>50 side arm chairs</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>70 stenographers' chairs</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>160 steel storage cabinets, for Office Supply Storeroom stock to be distributed to various University departments, sizes as follows:</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>150 36 in. wide x 18 in. deep x 78 in. high</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>10 36 in. wide x 24 in. deep x 78 in. high</td>
<td>Office Supply Stores</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>White watermarked paper, 22 x 34, as follows:</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>400 reams 40 lb. 50 per cent rag</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>100 reams 32 lb. 50 per cent rag</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>400 reams 40 lb. 25 per cent rag</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>200 reams 32 lb. 25 per cent rag</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>75 reams 26 lb. 25 per cent rag</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>White bond paper, 22 x 38, as follows:</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>36 reams 50 lb. 25 per cent rag</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
<tr>
<td>24 reams 49 lb. 25 per cent rag</td>
<td>Office Supply Stores</td>
<td>Hawthorne Paper Co., Chicago</td>
<td>12,760.25 f.o.b. delivered</td>
</tr>
</tbody>
</table>
### COMPTROLLER'S REPORT OF CONTRACTS

(9) The Comptroller's report of contracts executed during the period February 1 to 29, 1960.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>69,000 sheets 25 3/4 in. x 90 3/4 in. sulphite index paper in various colors and weights</td>
<td>Office Supply Stores</td>
<td>Decatur Paper House, Inc.</td>
<td>$2 568 12</td>
<td>November 25, 1959</td>
</tr>
<tr>
<td>Six-room prefabricated house to have 1444 square feet living space, to be erected on foundation provided by the University at the Dixon Springs Experiment Station (this is for use as a residence by a University staff member in service at Dixon Springs)</td>
<td>Dixon Springs Experiment Station</td>
<td>Southern Homes, Inc.</td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>One 75-gallon per hour capacity distilled water still, complete with automatic controls</td>
<td>Physical Plant, Chicago</td>
<td>American Sterilizer Co., Chicago</td>
<td>2 834 00</td>
<td>Urbana</td>
</tr>
<tr>
<td>One Crawler tractor, 35 belt horsepower, complete with front loader, scraper, clamshell, and skid shovel, to replace 1948 Caterpillar crawler tractor and loader</td>
<td>Physical Plant, Chicago</td>
<td>Hannagan’s Power Farm, Champaign</td>
<td>4 312 00</td>
<td>f.o.b.</td>
</tr>
<tr>
<td>Sm-room prefabricated house to have square feet living space, to be erected on foundation provided by the University at the Duron Springs Experiment Station (this is for use as a residence by a University staff member in service at Duron Springs)</td>
<td>Physical Plant, Chicago</td>
<td>Capen Insurance Agency, Chicago</td>
<td>5 983 13</td>
<td>Bloomington, representing the Kansas City Fire &amp; Marine Insurance Co. Liberty Mutual Insurance Co., Chicago</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(8 477 51)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nine four-door sedans</td>
<td>Housing Division</td>
<td>Coleman &amp; Associates</td>
<td>2 757 72</td>
<td>Rockford</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f.o.b.</td>
<td>Urbana</td>
</tr>
<tr>
<td>One pickup truck, 5,000 lbs. gross vehicle weight</td>
<td>Housing Division</td>
<td>S. Buckman Furniture &amp; Supply Co.</td>
<td>48 275 64</td>
<td>Springfield</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f.o.b.</td>
<td></td>
</tr>
<tr>
<td>One van truck, 14,000 lbs. gross vehicle weight</td>
<td>Physical Plant, Chicago</td>
<td>S. Buckman Furniture &amp; Supply Co.</td>
<td>1 066 00</td>
<td>Springfield</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f.o.b.</td>
<td></td>
</tr>
<tr>
<td>Less trade-in allowance for nine sedans and one station wagon. The two trucks are additions to the Physical Plant's operational equipment, and the passenger vehicles are replacements.</td>
<td>Physical Plant, Chicago</td>
<td>University Ford Sales, Inc.</td>
<td>2 003 94</td>
<td>Chicago</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f.o.b.</td>
<td></td>
</tr>
<tr>
<td>One Huge Haul refuse container, 30 cubic yard capacity, for use with Huge Haul refuse disposal equipment operated by the Physical Plant</td>
<td>Housing Division</td>
<td>Sullivan Chevrolet Co.</td>
<td>3 430 61</td>
<td>Urbana</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(14 027 19)</td>
<td></td>
</tr>
<tr>
<td>1,976 chairs</td>
<td>Housing Division</td>
<td>F. Kuhn, Inc., Champaign</td>
<td>216 278 60</td>
<td>Springfield</td>
</tr>
<tr>
<td>1,976 desks</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110 bolsters</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,582 single beds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>197 bunk beds</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laboratory building to be constructed at the Radio Telescope site near Danville, Illinois, building to be of prefabricated metal. 32 ft. x 60 ft.</td>
<td>Astronomy</td>
<td>Chism &amp; Miller, Inc.</td>
<td>23 573 00</td>
<td>Springfield</td>
</tr>
<tr>
<td>Ten stereomicroscopes less trade-in allowance for one used microscope</td>
<td>Pharmacy</td>
<td>Schaar &amp; Co.</td>
<td>2 020 35</td>
<td>Chicago</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>f.o.b.</td>
<td></td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were authorized.
With Whom                  Purpose                                      Amount to be Paid to the University       Effective Date
United States Army        Decomposition reactions, both ionic and         $11,178.20                              February 1, 1960
DA-11-022-ORD-3310        and free-radical, of organic peroxides
United States of America  Assist the Department to carry out                    42,170.00                                December 1, 1959
acting through the        study of a Brazilian Student Leader! Seminar
Department of State       Purchase of a manual liquid scintillation counter
United States Atomic       Structure of turbulent velocity and                  17,000.00                                January 1, 1960
Energy Commission         pressure fluctuations in the                     with Whom Purpose University Date
AEC BM-8-15-60            boundary layer
United States Navy        University
Nonr-1934(12)             Leases
With Whom                  Purpose                                      Amount to be Paid by the University        Effective Date
Pitney-Bowes, Inc.        Lease of postage meter “Chicago”                   $156.00 annually                           February 19, 1960
Contract Changes
With Whom                  Purpose                                      Amount to be Paid to the University        Effective Date
Association of American  Performance of filter materials in                 $2,000.00                                January 5, 1960
Railroads                 subrains
Association of American  Railroad roadbed stabilization                  1,000.00                                  December 31, 1959
Railroads
Dawe’s Laboratories, Inc.  Animal and poultry nutrition                  2,000.00                                  February 11, 1960
Moorman Manufacturing     Poultry nutrition                                    2,600.00                                  February 22, 1960
Co.
United States Air Force   Classification of tasks for ordering                24,967.00                                December 15, 1959
AF 33(615)-5565            knowledge of human learning
United States Air Force   Metallic properties of titanate semi-            17,360.00                                December 30, 1959
AF 49(638)-212             conductors
United States Army        Diaz reaction and certain ketonic                4,482.00                                  February 1, 1960
DA-11-022-ORD-1985         rearrangements
United States Army        Pilot training                                      500.75                                    December 23, 1959
DA-11-177-NAV-582
United States Army        Multiple-panel reinforced concrete                  10,000.00                                January 4, 1960
DA-49-129-ENG-393          floor for buildings
United States Atomic      Development of new principles and                   7,000.00                                  January 21, 1960
Energy Commission         techniques of submillimeter                         with Whom Purpose University Date
AT (111)-57               wave generation, detection, and                 Development of radio wave direction-       $152.00
Project No. 9              measuring                                        finding techniques
United States Atomic      Development of radio wave direct-                   50,000.00                                January 7, 1960
Energy Commission         ion-finding techniques
AT (111)-392
United States Navy        Development of radio wave direct-                   $152.00
Nonr-1834(02)              ion-finding techniques

Adjustments Made in 1959-60 Cost-Plus Contract

With Whom                  Purpose                                      Amount Date
Harry F. Fisher            Twenty-six items: $152.00 deduct                  $1,518.73                               January 4, 1960
(Plastering)

This report was received for record.

SECRETARY’S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

APPLEGATE, SHELTON P., Assistant in Biological Sciences (Chicago Undergraduate Division), February 1-June 15, 1960, $2100 (2-20-60).
AFTER, JULIA T., Research Associate in Psychiatry (Medicine), eight months from January 1, 1960, $958.33 a month (2-20-60).

ASCH, WALTER B., Assistant in Social Sciences (Chicago Undergraduate Division), February 1-June 15, 1960, $444.44 a month, supersedes (2-23-60).

ATTERBERRY, GEORGE D., Assistant in Marketing (Agricultural Economics) (S), seven months from February 1, 1960, $6200 a year (2-11-60).

BEUILMANN, RAYMOND F., Instructor in Electrical Engineering (C), ½ time, March 1-August 31, 1960, to render service during the second semester of the academic year, $1000 a year; this supersedes his previous appointment and is in addition to his Engineering Faculty Development Teaching Fellowship in Electrical Engineering (2-11-60).

BUTLER, DAVID E., Associate Member of the Center for Advanced Study, Department of Political Science, six months from July 1, 1960, $6000 (2-26-60).

CARMER, SAMUEL G., Assistant in Agronomy (C), February 1-August 31, 1960, $4600 a year, supersedes (3-1-60).

CASSELL, ROBERT L. S., Instructor in English (Chicago Undergraduate Division), to render service during the second semester of the academic year, February 1-August 31, 1960, $2700 (2-23-60).

DAVIS, ALAN J., Clinical Instructor in Surgery (Medicine), ¾ time, five months from February 1, 1960, $150 a month, supersedes his nonsalaried appointment (2-20-60).

DHARMARAJAN, SANGIAH, Research Associate in Theoretical and Applied Mechanics (C), 7/10 time, to render service during the second semester of the academic year, February 1-August 31, 1960, $3500 a year, supersedes (2-23-60).

DUNLAP, RUANE D., Assistant in Marketing (Agricultural Economics) (S), seven months from February 1, 1960, $5800 a year, supersedes (2-11-60).

EBNER, KURT E., Assistant in Dairy Science (S), six months from February 1, 1960, $800 a year (2-23-60).

ECKHARDT, SUE A., Research Assistant in Botany, February 17-August 31, 1960, $400 a year, superseded (2-23-60).

EMRICK, ROY M., Research Associate in Physics (C), March 1-August 31, 1960, $6000 a year, superseded (3-1-60).

ENDERBY, CHARLES E., Instructor in Electrical Engineering (S), March 1-August 31, 1960, $5380 a year, superseded (3-1-60).

ETTER, DONAL E., Research Assistant in the State Water Survey, February 16-June 30, 1960, $400 a year (2-24-60).

FRENCH, JAMES L., Instructor in Mechanical Engineering (C), ¾ time, to render service during the second semester of the academic year, March 1-August 31, 1960, $1500 a year; this supersedes his appointment dated August 4, 1959, and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Mechanical Engineering (2-23-60).

GAITHER, ROBERT B., Instructor in Mechanical Engineering (C), ¾ time, to render service during the second semester of the academic year, March 1-August 31, 1960, $1500 a year; this supersedes his appointment dated September 12, 1959, and is in addition to his appointment as Ford Foundation Fellow in Mechanical Engineering (2-23-60).

GIESE, JAMES W., Instructor in Accountancy, March 1-August 31, 1960, to render service during the second semester of the academic year, $2400, supersedes (3-1-60).

HART, HOWARD R., JR., Research Associate in Physics (C), seven months from February 1, 1960, $7200 a year, superseded (3-1-60).

KARNI, SHLOMO, Instructor in Electrical Engineering (C), March 1-August 31, 1960, to render service during the second semester of the academic year, $8000 a year, superseded (2-11-60).

KAPLUS, MARTIN, Associate Professor of Physical Chemistry, indefinite tenure beginning February 1, 1960, to render service during each academic year, $8000 a year, supersedes (2-22-60).

KILIAN, THOMAS J., Instructor in Electrical Engineering (C), ½ time, March 1-August 31, 1960, to render service during the second semester of the academic year, $2250 a year (2-11-60).

KLOFF, PAUL W., Instructor in Electrical Engineering (C), ½ time, six months from March 1, 1960, to render service during the second semester of the
academic year, $1120 a year; this supersedes his previous appointment and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering (2-11-60).

Knake, Ellery L., Assistant Professor of Field Crops Extension, in the Department of Agronomy (S), 1/2 time, and in the Extension Service in Agriculture and Home Economics, 3/4 time, seven months from February 1, 1960, $4900, supersedes (2-11-60).

Kreier, Julius P., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine and Graduate College), seven months from February 1, 1960, $5850 a year, supersedes (2-20-60).

Kraucunaite, Vita, Research Assistant in Preventive Medicine (Medicine), February 15-August 31, 1960, $4800 a year (3-1-60).

Krizan, Thomas F., Instructor in the Sports Fitness School, Department of Physical Education for Men, 2/3 time, June 20-August 13, 1960, $889; this is in addition to his present appointment (3-1-60).

Lasslo, Mrs. Wilma R., Serials Cataloger, with rank of Instructor, in the Library, June 20-August 31, 1960, $458.33 a month (2-23-60).

Lawson, Joan C., Instructor in English (Chicago Undergraduate Division), 1/2 time, February 1-June 30, 1960, to render service during the second semester of the academic year, $1125 (2-20-60).

Malhotra, Om Parkash, Instructor in Veterinary Physiology and Pharmacology (Veterinary Medicine), six months from March 1, 1960, $5800 a year, supersedes (2-20-60).

Mann, Randall L., Clinical Instructor in Medicine (Medicine), February 18-August 31, 1960, without salary (2-20-60).


Miller, Sol, Research Assistant in Anthropology, four months from February 1, 1960, $366.67 a month (2-11-60).

Mount, William J., Instructor and Specialist in Food Merchandising and Consumer Education (E), six months from March 1, 1960, $7000 a year (2-20-60).

Moyer, Gerald J., Research Associate in Theoretical and Applied Mechanics (C), February 1-August 15, 1960, to render service during the second semester of the academic year, $525 a month (2-15-60).

Mueller, Ilze, Assistant in Foreign Languages (Chicago Undergraduate Division), February 1-June 15, 1960, $2000, supersedes (2-23-60).

Muldoon, Robert L., Research Associate in Medicine (Medicine), February 8-August 31, 1960, $6800 a year (2-23-60).

Munro, Clare, Research Associate in Psychiatry (Medicine), six months from January 1, 1960, $6500 a year (2-11-60).

Nagaraj, Akihebbal N., Research Associate in Botany, six months from February 1, 1960, $3000, supersedes (2-20-60).

Orban, Denes, Assistant in Obstetrics and Gynecology (Medicine), January 1, 1960-June 30, 1961, without salary (2-20-60).


Penniman, William D., Editorial Assistant in the Engineering Experiment Station and in the College of Engineering, June 16-August 31, 1960, $444.44 a month (3-1-60).

Pickett, Arthur D., Associate Professor of Biological Sciences, on indefinite tenure beginning February 1, 1960, to render service during each academic year, and Associate Dean of Administration, February 1, 1960-August 31, 1961 (Chicago Undergraduate Division), $13,000 a year, supersedes (2-11-60).

Powell, John T., Instructor in the Sports Fitness School, Department of Physical Education for Men, 3/4 time, June 20-August 13, 1960, $667; this is in addition to his present appointment (3-1-60).

Rodda, Errol D., Instructor in Agricultural Engineering (C), 1/4 time, February 1-August 31, 1960, $1700 a year; this supersedes his appointment dated September 1, 1959, and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Civil Engineering (2-23-60).

SARKISSIAN, JOHN L., Instructor in Biological Sciences (Chicago Undergraduate Division), five months from February 1, 1960, to render service during the second semester of the academic year, $2250 (2-20-60).

SCHERER, HORST H., Research Associate in Physics (C), February 15-August 31, 1960, $7000 a year (2-23-60).

SELSKY, MELVYN L., Research Associate in Botany, five months from February 1, 1960, $2500, supersedes (2-20-60).

SPURLOCK, JEANNE, Clinical Assistant Professor of Psychiatry (Medicine), ¾ time, eight months from January 1, 1960, $2500 a year, supersedes her non-salaried appointment (2-20-60).

STAFFORD, JOSEPH J., Research Assistant in Electrical Engineering (S), seven months from February 1, 1960, $5200 a year, supersedes (2-23-60).

STEIER, WILLIAM H., Assistant Professor of Electrical Engineering (C), to render service during each academic year, March 1, 1960-August 31, 1960, $3500, and September 1, 1960-August 31, 1961, $7200, supersedes (2-15-60).

TOBIN, ARNOLD D., Research Associate in Psychiatry (Medicine), 15/100 time, seven months from February 1, 1960, $1800 a year (2-23-60).

TOEPFER, RICHARD E., JR., Instructor in Electrical Engineering (C), ½ time, to render service during the second semester of the academic year, March 1-August 31, 1960, $1200 a year; this supersedes his previous appointment and is in addition to his appointment as Engineering Faculty Development Teaching Fellow in Electrical Engineering (2-11-60).

VARANDANI, PARTAB T., Research Associate in the Radiocarbon Laboratory, six months from March 1, 1960, $5500 a year, supersedes (3-1-60).

WATANABE, TOSHIRO, Research Associate in Physiology (Medicine), 15/100 time, eight months from January 1, 1960, $90 a month (2-20-60).

WHITE, ROBERT A., Instructor in Mechanical Engineering (C), ¾ time, to render service during the second semester of the academic year, March 1-August 31, 1960, $3900 a year, supersedes (2-23-60).

GRADUATE FELLOWS
(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

BEULIGMANN, RAYMOND F., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, $1667; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).

BOYER, ALVIN C., United States Public Health Service Fellow (Trainee) in Chemistry, February 1-June 15, 1960, $1012 (2-18-60).

DYER, JAMES R., United States Department of Health, Education, and Welfare Fellow (Trainee) in Education, nine months from September 16, 1959, $2800 (2-22-60).

FRENCH, JAMES I., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, seven months from February 1, 1960, $875; this is in addition to his appointment as Instructor in Mechanical Engineering on one-fourth time (1-22-60).

GILBERG, ARNOLD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges), five months from February 1, 1960, $60 a month (2-20-60).

GREEN, MELVIN H., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, $600 (2-22-60).


HAUGH, CONNOR F., General Electric Company Fellow in Electrical Engineering, February 1-June 15, 1960, $875 (2-12-60).

HEBBIG, THOMAS I., Engineering Faculty Development Fellow in Electrical Engineering, seven months from February 1, 1960, $1167 (2-1-60).

KLOCK, PAUL W., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, $1074; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).

LARSON, RUSSELL L., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, $400 (2-22-60).
OLSON, Roy E., American Society for Testing Materials Fellow in Civil Engineering, nine months from January 1, 1960, $5000 (2-10-60).

RAAMOT, Tonis, Engineering Faculty Development Fellow in Civil Engineering, February 1-June 15, 1960, $700 (2-20-60).

REHAK, James R., B. B. Rappaport Dental Student Part-time Research Fellow (Chicago Professional Colleges), four months from February 15, 1960, $400 (2-19-60).

REYNOLDS, Harry A., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, one year from February 1, 1960, $4700 (1-25-60).


RODDA, Errol D., Engineering Faculty Development Teaching Fellow in Civil Engineering, seven months from February 1, 1960, $759; this is in addition to his appointment as Instructor in Agricultural Engineering on one-fourth time (1-28-60).

TOEPFER, Richard E., Jr., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, $893; this is in addition to his appointment as Instructor in Electrical Engineering on one-fifth time (1-22-60).

UPPER, Christen D., United States Public Health Service Fellow (Trainee) in Chemistry, two months from June 16, 1959, $400 (2-22-60).

WORTH, Edward G., Engineering Faculty Teaching Development Fellow in Civil Engineering, seven months from February 1, 1960, $245; this is in addition to his appointment as Assistant in Civil Engineering on one-fourth time (2-4-60).

**RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS**

ARIGONI, Duilio, Visiting Lecturer in Chemistry — declination effective February 1, 1960.

BRINLING, John C., United States Public Health Service Fellow (Trainee) in Pharmacology (Chicago Professional Colleges) — resignation effective February 9, 1960.

CZERNIK, Daniel E., Fellow in Mechanical Engineering — resignation effective February 1, 1960.

DILL, Jonathan L., National Institute for Mental Health Fellow (Trainee) in Social Work — resignation effective February 1, 1960.

DUDLEY, William A., Assistant in Animal Science (S) — resignation effective April 1, 1960.

GRIEST, Guinevere L., Instructor in English (Chicago Undergraduate Division) — resignation effective March 1, 1960.

HAUGH, Connor F., Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.

HAYNES, Mrs. Ruth, Research Assistant in Botany — resignation effective February 17, 1960.

HEDVIG, Thomas I., Instructor in Electrical Engineering (C) — resignation effective March 1, 1960.

HUSEK, Theodore R., Research Associate in Psychology (College of Liberal Arts and Sciences, and Bureau of Educational Research) — resignation effective March 1, 1960.

HUSSEY, Mary A., Instructor in English — resignation effective March 1, 1960.


OLSON, Roy E., Instructor in Civil Engineering (C and S) — cancellation effective January 1, 1960.

POWERS, Joan N., Research Assistant in Dairy Science (S) — resignation effective March 16, 1960.

ROSQUIST, Ole, Fellow in Law — resignation effective February 1, 1960.

SHIELDS, Jack W., Clinical Assistant in Medicine — resignation effective February 1, 1960.

WILKINSON, Janet, National Institute for Mental Health Fellow (Trainee) in Social Work — resignation effective February 1, 1960.
LEAVES OF ABSENCE

FISCH, MAX H., Professor of Philosophy—leave of absence for the second semester of the current academic year 1959-60 changed to leave of absence, without pay, for 41.4 per cent time, effective March 1, 1960.

KOHL, CARL W., Assistant Professor of Mathematics—leave of absence, with full pay for February and March, 1960, and without pay from April 1 through August 31, 1960, on account of illness.

SUZUKI, MICHIO, Professor of Mathematics—leave of absence, without pay, for the academic year 1960-61, so that he may accept a position as Visiting Research Professor of Mathematics at the University of Chicago.

WILCOCK, RICHARD C., Associate Professor of Labor and Industrial Relations—leave of absence, without pay, for the period beginning September 16, 1960, through January 31, 1961, so that he may serve as Visiting Professor at the University of California at Los Angeles during the first semester of 1960-61.

MEETINGS OF ASSOCIATION OF HIGHER EDUCATION

Mrs. Watkins made an informal report on meetings of the Association of Higher Education held in Chicago during the week of March 7 which she attended as one of the representatives of the University.

APRIL AND MAY MEETINGS

President Williamson called attention to the Board's decision to hold its April meeting in Chicago, on Wednesday, April 20, and asked the Board to set the date of the May meeting.

On motion of Mrs. Watkins, the Board voted to hold its May meeting in Urbana, Illinois, on Tuesday, May 17, 1960, at an hour and place to be determined by the President and the Secretary of the Board.

RECESS

At this point the Board recessed for luncheon.

Mr. Clement asked to be excused from further attendance at the meeting on account of illness.

EXECUTIVE SESSION

When the Board reconvened, Mr. Swain joined the meeting.

On motion of Mr. Herrick, an executive session was ordered for consideration of the following recommendations relating to property acquisitions.

PURCHASE OF A. R. TEMPLE FARM IN CHAMPAIGN COUNTY

The Dean of the College of Agriculture and the Director of the Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend the purchase, through the University of Illinois Foundation, from Mr. Boyd Harper, Champaign, of an area of approximately eight-five acres of farm land immediately north of land recently acquired from Esther and Grace Maxwell at a price of $1,750 an acre, payment in full to be made at the time possession is given to the Foundation, which will be not later than March 1, 1961. This tract adjoins University property in the area of its south farms and is part of the program of farm land acquisition for the College of Agriculture and the Experiment Station.

Since the University does not presently have funds for this land acquisition, it is recommended that the Foundation be requested to purchase it for the University and to finance this through borrowing of the amount of money necessary (approximately $150,000) from the First National Bank of Chicago, and to lease the property to the University at a rental sufficient to cover the interest and other costs. When funds are available to the University, it will purchase the property from the Foundation for the amount the latter will then have invested in the property, and the Foundation will repay the loan and transfer title to the University. A commitment to make the loan has been secured from the Bank.
The Committee on Buildings and Grounds has previously considered this proposal and recommends approval.

On motion of Mr. Hughes, this recommendation was approved. Mr. Herrick asked to be recorded as voting “no.”

PROPOSAL FOR ACQUISITION OF GARFIELD PARK AREAS FOR RELOCATION OF CHICAGO UNDERGRADUATE DIVISION

The Committee on General Policy reported that it has considered recommendations from the President of the University and the Director of the Physical Plant that a proposal be made to the Chicago Park District and the city of Chicago for the acquisition by the University of certain areas of Garfield Park land as a site for the Chicago Undergraduate Division.

The Committee presented this proposal to the Board of Trustees with the recommendation that it be authorized. Copies of the complete text of the proposal were distributed to the Trustees, and a copy has been filed with the Secretary of the Board for record. There followed a discussion of the proposal in which all members of the Board present participated.

Mr. Johnston then asked that this proposal be approved as a recommendation from the Committee on General Policy.

On motion of Mr. Swain, the President of the University was authorized to present the proposal to the Commissioners of the Chicago Park District and to the Mayor of Chicago; Mr. Harewood asked to be recorded as present but not voting.

On motion of Mr. Swain, the Executive Committee of the Board was authorized to act for the Board in negotiations with officials of the Chicago Park District on any matters relating to the acquisition of Garfield Park land requiring official action by the Board of Trustees; in particular, the Executive Committee was authorized to accept an offer, if made by official action of the Chicago Park District prior to the April 20 meeting of the Board of Trustees, to the Board for the purchase of land in Garfield Park if the offer is in accord with the proposal today approved by the Board, or to accept an option tendered to the Board of Trustees of the University, if offered by official action of the Chicago Park District prior to the April 20 meeting of the Board of Trustees, to purchase land in Garfield Park at a price based on the fair cash value of such land to be determined by an appraisal procedure requiring the unanimous agreement of three appraisers, one to be selected by the Chicago Park District, one by the Board of Trustees of the University, and the third to be selected by the other two appraisers.

On this motion the vote was: Aye, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; present but not voting, Mr. Harewood; absent, Mr. Clement, Mr. Pogue, Governor Stratton.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President
The April meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Wednesday, April 20, 1960, beginning at 1:30 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Governor William G. Stratton was absent.

Also present were President David D. Henry, Associate Provost and Dean of Administration Royden Dangerfield, Executive Dean C. C. Cavney of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Professor Rubin G. Cohn of the College of Law; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
REPORTS OF COMMITTEES
Meetings of the Board's Committees on General Policy and Buildings and Grounds were held in the forenoon beginning at 10:00 a.m.

CHICAGO UNDERGRADUATE DIVISION SITE ACQUISITION
At the request of Mr. Johnston, Chairman of the Committee on General Policy, President Henry, Director Havens, and Professor Cohn reported on developments since the March meeting of the Board of Trustees, in negotiations with officials of the Chicago Park District and the city of Chicago for the acquisition by the University of Garfield Park land as a site for the Chicago Undergraduate Division.

Thanks to the cooperation of the Chicago Park District and the city of Chicago, the Commissioners of the Chicago Park District on April 11, 1960, took official action which provides a basis for determination of the legal questions involved in conveyance of Garfield Park land to the University. Professor Cohn reported that a decision by the Supreme Court of Illinois as to the legality of such conveyance can be anticipated in the fall of 1960.

Director Havens stated that Garfield Park offers the only opportunity to complete the planning and construction of a Chicago campus at an early date, and recommended that the University continue to work for a general commitment from the Chicago Park District and the city of Chicago that Garfield Park land will be made available subject to a favorable determination of the legal questions.

The Board of Trustees at its meeting on March 16, 1960, authorized the Executive Committee to act for the Board in considering formal acceptance of an option to purchase Garfield Park land should such an option be offered and action by the Board of Trustees required prior to the April meeting. Specifically the Committee was authorized to accept an option if the action of the Chicago Park District established an appraisal price based on a fair cash value of the property.

At the conclusion of these presentations, Mr. Johnston offered the following as an official statement of the University's position:

"The Board of Commissioners of the Chicago Park District adopted an ordinance offering the Board of Trustees of the University of Illinois an option to purchase Garfield Park land as a site for the Chicago Undergraduate Division. Subsequently, a court order was sought and secured by taxpayers restraining the Commissioners from offering and the Board of Trustees from accepting this option. "Had this restraining order not been issued, the Board of Trustees of the University of Illinois would have taken action to exercise the option offered."

This statement was adopted without dissent.

During the discussion of this motion, Mr. Harewood suggested that in addition to continuing negotiations for the acquisition of Garfield Park, University officials also continue exploring the other possible sites.

On motion of Mr. Johnston, the Board voted to express its appreciation to the Commissioners of the Chicago Park District and to the Mayor of Chicago for their cooperation in the negotiations for the acquisition of Garfield Park.

CONTRACTS FOR LANDSCAPING
The Executive Committee of the Board of Trustees has authorized the awards of contracts for landscaping areas as follows:

- Orchard Place Apartments—Wandell's Twin City Nursery and Landscape Service, Urbana..............................$14,889
- Men's Residence Halls Snack Bar and Post Office—Al Nordheden, Urbana.......................................................7,480

The award in each case was to the lowest bidder. Funds are available in the
construction accounts for these buildings which are financed by revenue bond
issues.

The Orchard Place Apartments are south of Florida Avenue between Orchard
Street extended and Race Street on which 120 family housing units were con-
structed last year. The Snack Bar and Post Office Building is in the area of the
Gregory Drive Residence Halls for men and will also serve the new Peabody
Drive Residence Halls now under construction.

It was imperative that the landscaping work be authorized promptly while
the nursery stock supplied and transplanted by the contractors was dormant as
transplanting it later in the spring would lessen chances of survival. Bids taken
earlier (March 1) were not satisfactory, were rejected, and new bids were
received on March 21 which accounts for the delay in the recommendation for
awards on the contracts.

On motion of Mr. Swain, this action of the Executive Committee
was confirmed.

INCREASE IN CONTRACT FOR CONSTRUCTION
OF SWINE BREEDING RESEARCH FACILITIES

The Executive Committee authorized an increase of $12,000 in a contract with
Oran L. Shoemaker and Company, Champaign, for the construction of two
"tilt-up" slab buildings for the Agricultural Experiment Station's swine breeding
research project for which the University received a grant of $200,000 from the
Moorman Manufacturing Company of Quincy. These facilities are being con-
structed under a standing contract authorized by the Board as the experiments
proceed and according to the requirements of the research project. The object
of the research is the development of lines of disease-free swine.

On motion of Mr. Swain, this action of the Executive Committee
was confirmed.

INVESTMENTS

Mr. Swain, for the Finance Committee, reported the following changes
in investments of trust funds from January 1 through March 31, 1960:

URBANA-CHAMPAIGN

Endowment Funds

Purchase
$ 20,000 U. S. bonds 3% 8/15/66 $ 18,243.75

Current Funds

Exchange
$1,500 500 U. S. certificates 333/4% 2/15/66 for
1,500 500 U. S. certificates 433/4% 2/15/61

Purchase (Special 4-H Memorial Camp)
$ 5,000 U. S. bonds 23/4% 9/15/72-67 $ 4,143.75

CHICAGO

Dentistry-Medicine-Pharmacy Building — Auxiliary

Purchase
$ 100,000 U. S. bills 5/12/66 $ 99,099.00

Report of the Comptroller

The Comptroller reported the following changes in unexpended plant
fund investments, over which he has authority as shown:

URBANA-CHAMPAIGN

Construction Funds

Housing Revenue Bonds of 1050 Series C and D — Peabody Drive (authorized by Board
of Trustees resolution dated October 21, 1959)

Sale
$ 45,000 U. S. bills 4/15/60 $ 44,185.95
<table>
<thead>
<tr>
<th>Description</th>
<th>Purchase Amount</th>
<th>Date</th>
<th>Sale Amount</th>
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<tr>
<td>Assembly Hall Revenue Bonds (authorized by Board of Trustees resolution dated June 23, 1959)</td>
<td>$ 55,000 U.S. bills</td>
<td>5/26/60</td>
<td>$ 54,436.25</td>
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<td>Housing Revenue Bonds of 1959 A—Graduate Housing (authorized by Board of Trustees resolution dated June 23, 1959)</td>
<td>$ 50,000 U.S. notes</td>
<td>33 3/4%</td>
<td>5/15/60 $ 49,968.75</td>
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<td>Housing Revenue Bonds of 1959 B—Graduate Housing (authorized by Board of Trustees resolution dated June 23, 1959)</td>
<td>$ 3,000 U.S. bills</td>
<td>7/7/60</td>
<td>$ 2,926.09</td>
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<tr>
<td>Housing Revenue Bonds of 1958—Post Office and Snack Bar, Central Foods Stores Building, and 120 Units (authorized by Board of Trustees resolution dated December 17, 1958, and March 12, 1959)</td>
<td>$ 16,000 U.S. bills</td>
<td>2/4/60</td>
<td>$ 15,988.49</td>
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<tr>
<td>$ 35,000 U.S. notes</td>
<td>33 3/4%</td>
<td>5/15/60 $ 34,923.44</td>
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<tr>
<td>$ 80,000 U.S. bills</td>
<td>3/17/60</td>
<td>$ 79,789.80</td>
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<tr>
<td>$ 100,000 U.S. bills</td>
<td>4/7/60</td>
<td>$ 99,516.11</td>
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<tr>
<td>Men's Residence Halls of 1957 (authorized by Board of Trustees resolution dated March 12, 1957)</td>
<td>$ 70,000 U.S. bills</td>
<td>3/10/60</td>
<td>$ 69,864.67</td>
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<tr>
<td>$ 12,000 U.S. bills</td>
<td>4/7/60</td>
<td>$ 11,941.93</td>
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<td>$ 22,000 U.S. bills</td>
<td>6/9/60</td>
<td>$ 21,745.72</td>
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<td>$ 200,000 U.S. bills</td>
<td>7/14/60</td>
<td>196,658.33</td>
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<tr>
<td>$ 93,000 U.S. bills</td>
<td>5/19/60</td>
<td>$ 92,049.54</td>
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<tr>
<td>$ 29,000 U.S. bills</td>
<td>7/15/60</td>
<td>$ 28,628.80</td>
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<tr>
<td>Women's Residence Halls of 1956 (authorized by Board of Trustees resolution dated September 18, 1956)</td>
<td>$ 80,000 U.S. bills</td>
<td>4/14/60</td>
<td>$ 79,548.89</td>
</tr>
<tr>
<td>$ 3,000 U.S. bills</td>
<td>3/17/60</td>
<td>$ 2,992.37</td>
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<tr>
<td>Men's Residence Halls of 1956 (authorized by Board of Trustees resolution dated March 23, 1956, and September 18, 1956)</td>
<td>$ 30,000 U.S. bills</td>
<td>3/24/60</td>
<td>$ 29,813.17</td>
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<td>$ 28,000 U.S. bills</td>
<td>4/28/60</td>
<td>$ 27,942.83</td>
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<td>Sinking Funds Assembly Hall Revenue Bonds (authorized by Board of Trustees resolution dated June 23, 1959, and July 21, 1959)</td>
<td>$ 17,000 U.S. bills</td>
<td>3/22/60</td>
<td>$ 16,949.59</td>
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<tr>
<td>$ 13,000 U.S. bills</td>
<td>4/21/60</td>
<td>$ 12,979.58</td>
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</tr>
<tr>
<td>Housing Revenue Bonds of 1958—Post Office and Snack Bar, Central Foods Stores Building, and 120 Units (authorized by Board of Trustees resolution dated December 17, 1958)</td>
<td>$ 97,000 U.S. certificates</td>
<td>33 3/4%</td>
<td>2/15/60 $ 97,030.31</td>
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<tr>
<td>$ 99,000 U.S. bills</td>
<td>3/17/60</td>
<td>$ 98,560.60</td>
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<tr>
<td>$ 6,500 U.S. bonds</td>
<td>23 3/4%</td>
<td>9/15/61 $ 6,388.25</td>
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</table>
Purchase
$  50 000  U.S. bills  3/22/60  $  58,663.70
21 000  U.S. bills  7/21/60  20,548.79

Women's Residence Halls of 1956 (authorized by Board of Trustees resolution dated September 18, 1956)
Purchase
$  83 000  U.S. notes  43\%  8/15/60  $  82,896.25
24 000  U.S. bills  9/15/60  23,640.40

Revenue Bonds of 1956 (authorized by Board of Trustees resolution dated March 23, 1956, and September 18, 1956)
Purchase
$  37 000  U.S. notes  43\%  8/15/60  $  36,983.75
35 000  U.S. bills  9/15/60  34,475.58

CHICAGO
Dentistry-Medicine-Pharmacy Building Revenue Bonds — Reserve
Purchase
$  2,500  U.S. bonds  2\%\%  8/15/63  $  2,300.00

This report was received for record.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE 1960 SUMMER SESSION STAFF
(1) I submit recommendations for appointments to the faculty for the 1960 Summer Session. Appointments in the Summer Session budget provide for an eight-week term at Urbana-Champaign, June 20 through August 13, and at the Chicago Undergraduate Division, June 20 through August 13; and two six-week terms, June 20 through July 30, and August 1 through September 9, in the College of Pharmacy.

The salaries of members of the University faculty recommended for appointment to the Summer Session staff are computed on the basis of the authorized formula of two-ninths of the salary of the academic year for the eight-week Summer Session and proportionate amounts for other periods or for part-time service.

The budget totals $788,971 plus a reserve of $17,724 for Urbana-Champaign; $13,305 for the Chicago Professional Colleges; and $111,228 plus a reserve of $3,772 for the Chicago Undergraduate Division.

I recommend that the appointments to the Summer Session staff be approved as submitted, and that the President of the University be authorized to accept resignations and make such changes in adjustments and additional appointments as are necessary in accordance with the needs of the University within the estimated income.

On motion of Mr. Hughes, these appointments and the Summer Session budget were approved, and the President was given authority as recommended. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

URBANA-CHAMPAIGN
Accountancy

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<tr>
<th>Name</th>
<th>Part-time</th>
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<td>5. Jane L. Taylor, Assistant</td>
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Business Education

1. R. E. Mason, Assistant Professor.......................... ½ $ 873
2. Mildred E. Reed, Assistant Professor...................... ½ 1 457
3. ————, Visiting Lecturer................................... ½ 1 334
   ($ 3 340)

Business Law

1. P. C. Roberts, Professor.................................. $ 2 445
2. R. N. Corley, Assistant Professor........................ 1 612
3. J. B. Hyde, Assistant Professor............................ ½ 830
   ($ 4 857)

Chemistry and Chemical Engineering

1. J. W. Westwater, Professor................................. ½ $ 1 056
2. T. J. Hanretty, Associate Professor....................... 2 000
3. Robert Siegfried, Associate Professor..................... ½ 834
4. R. S. Drago, Assistant Professor........................ 1 554
5. M. Hartley, Assistant Professor........................... 1 534
6. J. A. Quinn, Assistant Professor........................... 1 400
7. R. B. Bates, Instructor.................................... 1 334
8. J. L. Brownlee, Jr., Instructor............................. 1 400
9. T. S. Govindan, Assistant................................. ½ 445
10. R. D. Mikesell, Assistant................................... ½ 400
11. ————, Assistant........................................... ½ 400
12. ————, Assistant........................................... ½ 400
13. ————, Assistant........................................... ½ 445
14. ————, Assistant........................................... ½ 400
15. ————, Assistant........................................... ½ 445
16. ————, Assistant........................................... ½ 400
17. ————, Assistant........................................... ½ 445
18. ————, Assistant........................................... ½ 445
19. ————, Assistant........................................... ½ 400
20. ————, Assistant........................................... ½ 445
21. ————, Assistant........................................... ½ 400
22. ————, Assistant........................................... ½ 445
23. ————, Assistant........................................... ½ 400
24. ————, Visiting Lecturer.................................. 2 500
25. ————, Visiting Lecturer.................................. 2 000
26. ————, Visiting Lecturer.................................. 2 000
27. ————, Visiting Lecturer.................................. 2 000
28. ————, Visiting Lecturer.................................. 1 500
29. ————, Visiting Lecturer.................................. 1 800
30. C. W. Kammeyer, Visiting Lecturer......................... 1 450
   ($32 813)

Child Development

1. Lila J. Oderkirk, Nursery School Teacher............... $ 1 067
2. R. B. Smith, Music Specialist............................. 1 334
   (See Music)................................................ (334)
   (See Home Economics).................................... (334)
   (Total Salary)........................................... (1 334)
3. ————, Assistant........................................... 1 211
4. ————, Assistant........................................... 1 211
5. ————, Assistant........................................... 1 422
   ($ 2 245)

City Planning and Landscape Architecture

1. ————, Assistant Professor................................ $ 1 410
Civil Engineering

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<tr>
<td>3. R. S. Engelbrecht, Professor of Sanitary Engineering</td>
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<td>4. E. H. Gavlord, Jr., Professor</td>
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<td>5. W. J. Hall, Professor</td>
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<td>6. H. O. Ireland, Professor</td>
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<td>7. W. H. Munse, Professor</td>
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<td>8. W. A. Oliver, Professor</td>
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<td>9. R. B. Peck, Professor of Foundation Engineering</td>
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<td>10. C. P. Siess, Professor</td>
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<td>11. Henry Malter, Lecturer</td>
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<td>12. W. J. Austin, Associate Professor</td>
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<td>13. B. B. Ewing, Associate Professor</td>
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<td>14. Narbey Khachaturian, Associate Professor</td>
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<tr>
<td>15. G. E. Triandafilidis, Instructor</td>
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<tr>
<td>16. ————, Assistant Professor of Civil Engineering (June 20 to August 26)</td>
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Civil Engineering (Summer Surveying Camp)

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<td>2. G. R. Eadie, Associate Professor of Mining Engineering (June 20 to August 26)</td>
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<td>3. H. E. Irby, Associate Professor of Civil Engineering (July 25 to August 26)</td>
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<tr>
<td>4. H. M. Karara, Assistant Professor of Civil Engineering (June 20 to July 23)</td>
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<td>5. W. H. Eldridge, Assistant Professor of Civil Engineering and Acting Camp Director (June 20 to August 26)</td>
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<td>7. Gordon Gracie, Instructor in Civil Engineering (June 20 to July 23)</td>
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<td>8. J. C. Moore, Instructor in Civil Engineering (June 20 to July 23)</td>
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<tr>
<td>9. J. M. Masters, Instructor in Civil Engineering (June 20 to August 26)</td>
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Classics

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<td>1. J. L. Heller, Professor and Head of Department</td>
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<td>2. R. E. A. Palmer, Assistant Professor</td>
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Digital Computer Laboratory

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<td>1. C. W. Gear, Research Assistant</td>
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<td>2. ————, Assistant</td>
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Division of General Studies

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<td>1. J. F. Glawe, Instructor in Biological Science</td>
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<tr>
<td>2. C. A. Poxon, Instructor in Physical Science</td>
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<td>3. W. J. Schaumann, Jr., Assistant in Biological Science</td>
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Economics

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<td>3. J. L. McConnell, Associate Professor</td>
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<td>4. Janet L. Weston, Associate Professor</td>
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<td>Name</td>
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<td>8. T. M. Stevenson</td>
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<td>10. L. M. Kowal</td>
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Education

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**Electrical Engineering**

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2. L. B. Archer, Professor .......................................... 2,178
### Part-time Summer Salary

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**English**

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**Entomology**

1. W. L. Downes, Assistant Professor | $1,367

**Finance**

1. R. W. Mayer, Professor | $2,612
2. J. W. Leonard, Associate Professor | 609
3. T. E. Cammack, Assistant Professor | 609
4. R. M. Philbrook, Assistant | 446

**French**

1. P. E. Jacob, Professor | $2,045
2. C. C. Gullette, Professor | 2,045
3. F. W. Nachtmann, Assistant Professor | 1,512
4. Edwin Jahiel, Assistant Professor | 1,378
5. C. K. Abraham, Instructor | 200
6. Yvette G. Storck, Assistant | 400
7. Enid A. Koenig, Assistant | 400
8. Gabriel M. Savignon, Assistant | 400
9. J. G. Weber, Assistant | 449
10. Louise M. Jefferson, Assistant | 420
11. J. L. Glenn, Assistant | 660

**General Engineering**

1. W. L. Shick, Professor | $1,000
2. R. A. Jewett, Associate Professor | 634
3. T. C. Hartley, Assistant Professor | 558
4. D. H. Rimbey, Instructor | 245

**Geography**

1. A. W. Booth, Professor | $2,445
2. F. W. Foster, Professor | 2,445
3. J. L. Page, Professor | 695
4. J. D. Fellmann, Associate Professor | 695
5. Assistant | 695
6. Assistant | 695
7. Assistant | 900
8. Assistant | 200
9. Assistant | 200
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Geology
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2. F. L. Koucky, Assistant Professor ............................... 1,334
3. F. W. Cropp, Assistant Professor ................................. 1,334
4. N. E. Cygan, Assistant ................................................ 800
5. B. W. Carss, Assistant ............................................... 800
6. ————, Visiting Lecturer ............................................ 1,000
7. J. M. Dennison, Visiting Lecturer ............................... 1,334
   (301b Eagle Heights Apartments, Madison, Wisconsin) ($9,847)

German
1. J. R. Frey, Professor .................................................. $2,600
2. F. J. Nock, Associate Professor ................................. 1,912
3. D. E. Silas, Instructor .............................................. 1,223
4. Werner Marx, Instructor ............................................. 1,112
5. ————, Assistant ...................................................... 1/2
6. ————, Assistant ...................................................... 1/2
7. ————, Assistant ...................................................... 1/2
8. Thomas Warbington, Assistant .................................. 1,000
9. F. P. Lide, Jr., Assistant ....................................... 1,000
10. T. C. Starnes, Assistant ........................................ 1,000
11. Kenneth Wiggins, Assistant ................................... 1,000
12. ————, Assistant ...................................................... 1/2
   ($10,092)

Health and Safety Education
1. A. E. Florio, Professor .............................................. 1/2
2. G. T. Stafford, Professor ........................................... 1/2
   ($1,278)

History
1. Arthur Bestor, Professor .............................................. $2,823
2. D. J. Geanakoplos, Professor .................................... 2,089
3. N. A. Graebner, Professor ...................................... 2,889
4. F. A. Shannon, Professor ........................................ 3,000
5. R. P. Stearns, Professor ....................................... 2,889
6. J. L. Bates, Associate Professor ................................ 1,734
7. J. B. Sirich, Associate Professor ................................. 1,889
8. W. T. Luczynski, Instructor .................................... 1,112
9. Arnold Zuckerman, Assistant .................................... 400
10. Allen Wakstein, Assistant .................................... 400
11. Jacques Goutor, Assistant .................................... 400
12. Peter King, Assistant ........................................... 400
   ($20,025)

Home Economics
1. M. Virginia Guthrie, Assistant Professor (July 18 to August 13) 712
2. Glenna H. Lamkin, Assistant Professor (June 20 to July 16) 667
3. Beulah A. Hunzicker, Assistant Professor (June 20 to July 16) 800
4. Willie Mae Mowrer, Assistant Professor .......................... 1,145
5. Eloise Lorch, Instructor (July 18 to August 13) ............. 589
6. Millicent V. Martin, Instructor ................................. 1,159
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**Journalism**

1. J. W. Jensen, Associate Professor and Head of Department | ½ $1122
2. D. E. Brown, Associate Professor | ½ $227

**Law**

1. E. W. Cleary, Professor | $4134
2. J. E. Cribbet, Professor | $3645
3. R. B. Stephens, Professor | $3334
4. V. J. Stone, Professor | $2512
5. J. N. Young, Professor | $3645
6. W. D. Hawkland, Professor | $3000
7. R. B. Looper, Associate Professor | $2245
8. P. O. Proehl, Associate Professor | $223

**Library Science**

1. Frances B. Jenkins, Professor | $2423
2. Marie M. Hostetter, Associate Professor | $1067
3. Harold Goldstein, Associate Professor | $2000
4. ———, Assistant | $850
5. ———, Assistant | $850
6. J. C. Harrison, Visiting Lecturer | $1800

(Head, School of Librarianship, Manchester College of Science and Technology, Manchester, England)

7. Theodora Andrews, Visiting Lecturer | $1600

(Pharmacy Librarian, Purdue University, Lafayette, Indiana)

8. Helen Walker, Visiting Lecturer | $1500

(Director, Elementary School Libraries, Danville, Illinois)

9. ———, Visiting Lecturer | $1600

(707 S. First Street, Champaign, Illinois)

10. B. F. Page, Visiting Lecturer | $1400

(Visiting Lecturer, School of Librarianship, University of California, Berkeley, California)

12. ———, Visiting Lecturer | $1400

($18640)

**Management**

1. P. M. Daun, Jr., Professor | $2156
2. I. L. Heckmann, Jr., Associate Professor | $1012
3. L. L. D. Shaffer, Instructor | $1378
4. C. A. Sims, Instructor | $1289
5. L. E. Barnes, Jr., Assistant | $934
6. Sherwood Huneryager, Assistant | ½ $475

($8144)

**Marketing**

1. F. H. Beach, Professor | $2778
2. Nugent Wedding, Professor | $2334
3. D. W. Scotton, Associate Professor | $2067
4. C. G. Walters, Assistant | ¼ $200

($7379)
### Mathematics

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### Mechanical Engineering

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### Microbiology

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### Microbiology

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<td>4. Charles Leonard, Professor</td>
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<td>5. R. H. Miles, Professor</td>
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<td>6. Dragan Plamenac, Professor</td>
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<tr>
<td>7. Paul Rolland, Professor</td>
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<td>8. Sherman Schoonmaker, Professor (July 10 to 23)</td>
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<td>22. D. A. Ledet, Assistant Professor</td>
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<td>23. Carolyn Powell, Assistant Professor</td>
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<tr>
<td>24. R. E. Williams, Assistant Professor</td>
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<td>25. G. R. Mathis, Instructor (June 19 to July 17)</td>
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<tr>
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(Duke University, Durham, North Carolina)
(Arizona State University, Tempe, Arizona)

(1107 West Illinois, Urbana, Illinois)

(910 West End Avenue, New York 25, New York)

(Carnegie Institute of Technology, Pittsburgh, Pennsylvania)

(Chicago Teachers College, 6800 Stewart Avenue, Chicago 21, Illinois)

### Philosophy

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<tr>
<td>C. E. Caton</td>
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<tr>
<td>Reinhardt Grossman</td>
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**Part-time Summer Salary**

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**Physical Education for Men**

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<td>A. J. Barry</td>
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<td>H. J. Braun</td>
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<td>R. E. Fletcher</td>
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<tr>
<td>E. M. Bernauer</td>
<td>Instructor</td>
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<tr>
<td>J. J. Valek</td>
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<td>E. H. Heath</td>
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<td>J. A. La Chappelle</td>
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<td>K. G. Stoedefalke</td>
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**Physical Education for Women**

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<td>Marjorie Harris</td>
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<td>Marjorie Souder</td>
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**Physics**

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**Physiology**

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**Political Science**

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<td>Richard Butwell</td>
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<td>G. L. Wilhelm</td>
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**Psychology**

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<td>P. T. Young</td>
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4. J. B. Cohen, Associate Professor .................. 1 $696
5. W. C. Becker, Assistant Professor .................. \( \frac{1}{2} \) 834
6. D. T. Shannon, Assistant Professor ................. \( \frac{1}{2} \) 817
7. Assistant Professor ................................ \( \frac{1}{2} \) 400
8. Assistant .......................................... \( \frac{1}{2} \) 400

Recreation
1. A. V. Sapora, Professor .......................... $2,178
2. H. E. Weaver, Assistant Professor ......... $1,723

Russian
1. Frances F. Sobotka, Associate Professor and Acting Head of Department .......................... \( \frac{1}{2} \) 2,112
2. Victor Terras, Instructor .................. \( \frac{1}{2} \) 1,224
3. Natalie Orlowsky, Assistant .................. \( \frac{1}{2} \) 441
4. Assistant .......................................... \( \frac{1}{2} \) 400

Social Work
1. D. Katharine Rogers, Associate Professor .................. $1,945

Sociology
1. E. A. Ahrens, Associate Professor .................. $1,678
2. J. R. Gusfield, Associate Professor ......... 1 $889
3. R. W. England, Jr., Assistant Professor .......... 1 $545
4. B. S. Phillips, Assistant Professor ............. 1 $558
5. N. W. Painter, Lecturer ........................................... 1 $600

Spanish and Italian
1. W. H. Shoemaker, Professor and Head of Department ............... $3,045
2. Angelina R. Pietrangelo, Associate Professor ............. 2 $906
3. Associate Professor ..................................... 1 $778
4. J. O. Crosby, Associate Professor .................. 1 $667
5. M. D. Triwedi, Instructor .......................... 1 $223
6. Elizabeth J. Moffett, Assistant .................. \( \frac{1}{2} \) 400

Speech
1. E. T. Curry, Professor .................. $2,233
2. B. W. Hewitt, Professor .................. \( \frac{1}{2} \) 1,278
3. Marie K. Hochmuth, Professor .................. \( \frac{1}{2} \) 956
4. L. S. Hultzen, Professor .................. \( \frac{1}{2} \) 1,023
5. K. W. Broadrick, Associate Professor .......... \( \frac{1}{2} \) 834
6. M. T. Cobin, Associate Professor ......... 1 $667
7. O. A. Dieter, Associate Professor ......... \( \frac{1}{2} \) 828
8. H. E. Gulley, Associate Professor ........ \( \frac{1}{2} \) 945

To see Summer Debaters Youth Workshop) (Total Salary) ........ (1,444)
9. Associate Professor ................................ \( \frac{1}{2} \) 850
10. K. A. Windesheim, Associate Professor ........ \( \frac{1}{2} \) 856
11. Clara M. Behringer, Assistant Professor .......... 1 $512
12. Kenneth Burns, Assistant Professor .......... \( \frac{1}{2} \) 726
13. C. L. Hutton, Assistant Professor ........ \( \frac{1}{2} \) 756
14. L. W. Olson, Assistant Professor ........ \( \frac{1}{2} \) 778
15. Mouzon Law, Visiting Lecturer ........ \( \frac{1}{2} \) 875

(See University Theatre and Summer Youth Program) (Total Salary) .......... (1,759)

(16,204)
### University Theatre and Summer Youth Program

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<td>3. Mary H. Arbenz, Instructor</td>
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### University Speech Clinic

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<td>3. Jane B. Archer, Instructor</td>
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</tr>
<tr>
<td>4. Mary B. Armstrong, Assistant</td>
<td></td>
<td>800</td>
</tr>
</tbody>
</table>

### Summer Debaters Youth Workshop

<table>
<thead>
<tr>
<th>Position</th>
<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. H. E. Gulley, Associate Professor</td>
<td>½</td>
<td>$944</td>
</tr>
<tr>
<td>(See Speech)</td>
<td></td>
<td>(945)</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(1,889)</td>
</tr>
<tr>
<td>2. W. E. Brockriede, Assistant Professor</td>
<td>½</td>
<td>778</td>
</tr>
<tr>
<td>3. Assistant</td>
<td>¼</td>
<td>200</td>
</tr>
<tr>
<td>4. Assistant</td>
<td>¼</td>
<td>200</td>
</tr>
</tbody>
</table>

### Theoretical and Applied Mechanics

<table>
<thead>
<tr>
<th>Position</th>
<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. C. E. Bowman, Professor</td>
<td>¾</td>
<td>$1,423</td>
</tr>
<tr>
<td>2. P. G. Jones, Professor</td>
<td>¾</td>
<td>1,600</td>
</tr>
<tr>
<td>3. C. E. Kesler, Professor</td>
<td>¾</td>
<td>556</td>
</tr>
<tr>
<td>4. W. M. Lansford, Professor</td>
<td></td>
<td>2,667</td>
</tr>
<tr>
<td>5. J. O. Smith, Professor</td>
<td>¾</td>
<td>852</td>
</tr>
<tr>
<td>6. M. C. Stippes, Professor</td>
<td>½</td>
<td>1,000</td>
</tr>
<tr>
<td>7. O. M. Sidebottom, Professor</td>
<td>¾</td>
<td>356</td>
</tr>
<tr>
<td>8. M. E. Clark, Associate Professor</td>
<td>¾</td>
<td>1,186</td>
</tr>
<tr>
<td>9. F. G. Bauling, Assistant Professor</td>
<td>¾</td>
<td>1,260</td>
</tr>
<tr>
<td>10. A. C. Bianchini, Assistant Professor</td>
<td>½</td>
<td>789</td>
</tr>
<tr>
<td>11. R. S. Jensen, Assistant Professor</td>
<td>½</td>
<td>207</td>
</tr>
<tr>
<td>12. R. E. Miller, Assistant Professor</td>
<td>½</td>
<td>978</td>
</tr>
<tr>
<td>13. S. R. Keim, Instructor</td>
<td>½</td>
<td>645</td>
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</table>

### Zoology

<table>
<thead>
<tr>
<th>Position</th>
<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. H. M. Smith, Professor</td>
<td></td>
<td>$2,178</td>
</tr>
<tr>
<td>2. M. R. Matteson, Associate Professor</td>
<td></td>
<td>712</td>
</tr>
<tr>
<td>3. J. A. Tihen, Assistant Professor</td>
<td>½</td>
<td>400</td>
</tr>
<tr>
<td>4. P. S. Chrapliwy, Assistant</td>
<td>½</td>
<td>400</td>
</tr>
<tr>
<td>5. R. D. Fruge, Assistant</td>
<td>½</td>
<td>400</td>
</tr>
<tr>
<td>6. E. W. Martin, Assistant</td>
<td>½</td>
<td>400</td>
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## Board of Trustees

### Part-time

<table>
<thead>
<tr>
<th>Position</th>
<th>Faculty Name</th>
<th>Department</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. C. E. Robbins, Assistant</td>
<td></td>
<td></td>
<td>$400</td>
</tr>
<tr>
<td>8. W. E. Wilhelm, Assistant</td>
<td></td>
<td></td>
<td>$400</td>
</tr>
<tr>
<td>9. F. D. Tibbitts, Visiting Lecturer</td>
<td>(Department of Zoology, University of Nevada, Reno, Nevada)</td>
<td></td>
<td>$400</td>
</tr>
<tr>
<td>10. C. L. Burger, Visiting Lecturer</td>
<td>(Department of Biology, Wilson College, Chambersburg, Pennsylvania)</td>
<td></td>
<td>$400</td>
</tr>
</tbody>
</table>

### Total, Urbana-Champaign

($10,090)  
$788,971

## Chicago Professional Colleges

### Pharmacy

<table>
<thead>
<tr>
<th>Position</th>
<th>Faculty Name</th>
<th>Department</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. S. V. Susina, Assistant Professor</td>
<td>(August 1 to September 10)</td>
<td></td>
<td>$1,350</td>
</tr>
<tr>
<td>2. Frederick Siegel, Assistant Professor</td>
<td>(August 1 to September 10)</td>
<td></td>
<td>$1,284</td>
</tr>
<tr>
<td>3. Bernard Ecanow, Assistant Professor</td>
<td>(June 20 to July 30)</td>
<td></td>
<td>$1,284</td>
</tr>
<tr>
<td>4. Lawrence Fischer, Assistant Professor</td>
<td>(June 20 to September 9)</td>
<td></td>
<td>$4,518</td>
</tr>
</tbody>
</table>

### Pharmacy-Chemistry

<table>
<thead>
<tr>
<th>Position</th>
<th>Faculty Name</th>
<th>Department</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. A. J. Perkins, Associate Professor</td>
<td>(June 20 to July 30)</td>
<td></td>
<td>$1,584</td>
</tr>
<tr>
<td>2. C. L. Bell, Assistant Professor</td>
<td>(August 1 to September 10)</td>
<td></td>
<td>$1,134</td>
</tr>
<tr>
<td>3. D. A. Coviello, Assistant Professor</td>
<td>(June 20 to July 30)</td>
<td></td>
<td>$1,167</td>
</tr>
<tr>
<td>4. Alvin Galinsky, Instructor in Chemistry</td>
<td>(August 1 to September 9)</td>
<td></td>
<td>$834</td>
</tr>
<tr>
<td>5. ........................................</td>
<td>Assistant in Chemistry (June 20 to September 9)</td>
<td></td>
<td>$300</td>
</tr>
<tr>
<td>6. ........................................</td>
<td>Assistant in Chemistry (June 20 to September 9)</td>
<td></td>
<td>$300</td>
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</table>

### Pharmacognosy and Pharmacology

<table>
<thead>
<tr>
<th>Position</th>
<th>Faculty Name</th>
<th>Department</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. P. D. Carpenter, Associate Professor</td>
<td>(August 1 to September 9)</td>
<td></td>
<td>$1,384</td>
</tr>
<tr>
<td>2. Bernard Greenberg, Assistant Professor</td>
<td>(June 20 to July 30)</td>
<td></td>
<td>$1,184</td>
</tr>
<tr>
<td>3. J. C. G. Blaufuss, Assistant in Pharmacognosy</td>
<td>(June 10 to September 10)</td>
<td></td>
<td>$600</td>
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</table>

### Total, Chicago Professional Colleges

$13,305

## Chicago Undergraduate Division

### Biological Sciences

<table>
<thead>
<tr>
<th>Position</th>
<th>Faculty Name</th>
<th>Department</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. William Sangster, Professor</td>
<td></td>
<td></td>
<td>$2,000</td>
</tr>
<tr>
<td>2. S. F. Glassman, Associate Professor</td>
<td></td>
<td></td>
<td>$1,750</td>
</tr>
<tr>
<td>3. E. B. Little, Assistant Professor</td>
<td></td>
<td></td>
<td>$800</td>
</tr>
<tr>
<td>4. J. T. Newell, Assistant Professor</td>
<td></td>
<td></td>
<td>$1,334</td>
</tr>
<tr>
<td>5. J. A. Bond, Instructor</td>
<td></td>
<td></td>
<td>$1,245</td>
</tr>
<tr>
<td>6. W. J. Dembski, Instructor</td>
<td></td>
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<td>$534</td>
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### Total, Chicago Undergraduate Division

($7,699)
### Commerce and Business Administration

<table>
<thead>
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<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,045</td>
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</table>

### Engineering

<table>
<thead>
<tr>
<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>$2,067</td>
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</tbody>
</table>

### Humanities

<table>
<thead>
<tr>
<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>$156</td>
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</tbody>
</table>

### Mathematics

<table>
<thead>
<tr>
<th>Part-time</th>
<th>Summer Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>83/100</td>
<td>1,704</td>
</tr>
</tbody>
</table>
BOARD OF TRUSTEES

Physical Education

1. P. R. Berrafato, Assistant Professor of Physical Education for Men ............................................. $1,600
2. L. L. Gedvilas, Assistant Professor of Physical Education for Men ............................................. $1,528
3. W. G. Versen, Assistant Professor of Physical Education for Men ............................................. $1,445
4. Dorothy J. Mart, Assistant in Physical Education for Women ....................................................... ($5,179)

Physical Sciences

1. Roy Huitema, Professor .................. $2,223
2. C. R. Meloy, Professor .................. 3/5 $1,719
3. R. W. Karpinski, Associate Professor .... 2,000
4. J. W. Weldon, Assistant Professor ....... 1,600
5. Lynn M. Carbonaro, Instructor .......... 1,334
6. Sabine A. Casten, Instructor ............. 83/100 $1,000
7. J. W. Cowin, Instructor ................. 3/5 $919
8. J. R. Daffer, Instructor .................. 83/100 $886
9. Shafeek Farag, Instructor ................. 83/100 $1,038
10. D. D. Hedberg, Instructor ............... 1,200
11. Frances K. Seabright, Instructor ....... 1,334
12. R. E. Johnson, Assistant ................. 3/5 $712
13. T. A. Lothian, Assistant .................. 1,067

Social Sciences

1. P. P. Klassen, Professor .................. $2,089
2. E. A. Lipman, Professor .................. 2,089
3. V. E. Ricks, Associate Professor ...... 1,912
4. Shirley A. Bill, Assistant Professor .... 1,600
5. Mildred I. Finney, Assistant Professor .... 3/5 $978
6. Milton L. Rakove, Assistant Professor ...... 1,423
7. Louis Unfer, Assistant Professor ....... 3/5 $1,067
8. R. R. Page, Instructor .................. 1,267
9. __________________, Instructor .......... 3/5 $772
10. C. P. Warren, Instructor ................. 3/5 $800
11. J. S. Chase, Visiting Lecturer ......... 1/3 $500

Total, Chicago Undergraduate Division .................. $111,228

HEADSHIP OF DEPARTMENT OF ANTHROPOLOGY

(2) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. Joseph B. Casagrande, presently on the staff of the Social Science Research Council, New York City, as Professor of Anthropology on indefinite tenure and Head of the Department of Anthropology, beginning September 1, 1960, at an annual salary of $15,000 on "A" basis.

It is also recommended that he be given a summer appointment beginning July 1, 1960, through August 31, 1960, at a total salary of $3,332 for the period, so that his services will be available in organizing the program of the new Department of Anthropology.

This recommendation is made after consultation with the appropriate members of the faculty and is endorsed by the Vice-President and Provost and the Dean of the Graduate College.

I concur in this recommendation.

On motion of Mr. Clement, this appointment was approved.
The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Aldona L. Balth, Assistant Professor of Medicine, for two months from July 1, 1960, at a salary of $1,600 (G).
2. Lloyd Berry, Assistant Professor of English, beginning September 1, 1960, at an annual salary of $6,300 (B).
3. W. B. Bonnor, Visiting Professor of Astronomy and of Applied Mathematics, in the Department of Astronomy and in the Digital Computer Laboratory, for five months from September 1, 1960, at a salary of $5,000 (G).
4. George K. Brinegar, Professor of Agricultural Economics, beginning September 1, 1960, at an annual salary of $14,000 (AY).
5. Robert T. Golembiewski, Assistant Professor of Management, beginning August 1, 1960, at an annual salary of $7,000 (D).
6. Robert T. Gregory, Visiting Associate Professor in the Digital Computer Laboratory, from June 12 through August 20, 1960, at a salary of $3,274 (G).
7. Carolyn Hammond, Assistant Professor of Microbiology, in the College of Medicine, beginning July 1, 1960, at an annual salary of $8,500 (DY).
8. William O. Hawkland, Professor of Law, beginning September 1, 1960, at an annual salary of $13,500 (E).
9. Louis Jensen, Clinical Assistant Professor of Psychiatry, in the College of Medicine, beginning February 1, 1960, without salary (DY).
10. Newton Khoobyalian, Assistant Professor of Microbiology, in the College of Medicine, beginning September 1, 1960, at an annual salary of $9,000 (DY).
11. Ting Y. Li, Professor of Aeronautical Engineering, beginning September 1, 1960, at an annual salary of $11,000 (D).
12. Bruce H. McCormick, Research Associate Professor of Physics, in the Digital Computer Laboratory, beginning April 1, 1960, at an annual salary of $10,000 (E).
13. Bernard A. F. Muhlschlegel, Research Assistant Professor of Physics, beginning September 1, 1960, at an annual salary of $7,800 (DY).
14. Edwin B. Parker, Research Assistant Professor in the Institute of Communications Research, on three-fourths time, and Assistant Professor of Journalism, on one-fourth time, beginning September 1, 1960, at an annual salary of $7,200 (B).
15. Henry Tedischl, Assistant Professor of Physiology, in the College of Medicine, beginning September 1, 1960, at an annual salary of $8,100 (BY).
16. Antonio Tovar, George A. Miller Visiting Professor of Classics, beginning August 15, 1960, at an annual salary of $12,000 (E).
17. Ledyard R. Tucker, Professor of Psychology, beginning September 1, 1960, at an annual salary of $14,000 (A).

Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to a supervisory position of upper level responsibility.

1. Gerald P. Beck, Reactor Supervisor, Engineering Administration, beginning January 20, 1960, at an annual salary of $9,000.
2. Patricia F. Bernauer, Assistant Food Production Manager, Residence Halls, beginning February 1, 1960, at an annual salary of $4,350.
3. Ervin C. Bundy, Horticulturist, Physical Plant Department, beginning January 1, 1960, at an annual salary of $6,600.
4. Gerald Gun, Assistant Manager of Public Information, Office of Public Information, Chicago Professional Colleges, beginning February 1, 1960, at an annual salary of $5,700.
6. Francis T. Helbling, Stores Supervisor, Physical Plant Department, beginning March 21, 1960, at an annual salary of $6,800.
7. Patricia I. MacLeod, Food Service Supervisor, Residence Halls, beginning February 8, 1960, at an annual salary of $3,758.
8. Doreen E. Parsons, Assistant Network Manager (Traffic), National Association of Educational Broadcasters, beginning February 1, 1960, at an annual salary of $3,600.


10. Bernard J. Williams, Personnel Officer, Nonacademic Personnel Office, beginning March 1, 1960, at an annual salary of $6,000.

On motion of Mr. Johnston, these appointments were confirmed.

APPOINTMENT OF ASSOCIATE DEAN OF THE GRADUATE COLLEGE

(4) The Dean of the Graduate College recommends the appointment of Dr. Harold R. Snyder, Professor of Organic Chemistry and Associate Head of the Department of Chemistry and Chemical Engineering, as Research Professor of Organic Chemistry on one-half time on indefinite tenure and Associate Dean of the Graduate College on one-half time for one year, beginning September 1, 1960, at a total salary of $15,600.

This is a new position which will be concerned with the work of the University Research Board and research coordination in the University, and particularly with matters relating to the rapidly expanding efforts in research at the University.

The Head of the Department of Chemistry and Chemical Engineering, the Dean of the College of Liberal Arts and Sciences, and the Vice-President and Provost concur.

I recommend approval.

On motion of Mr. Herrick, this appointment was approved.

SABBATICAL LEAVES OF ABSENCE, 1960-61

(5) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1960-61 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated. This is supplemental to the list of applications recommended to the Board of Trustees at the meeting on March 16, 1960.

College of Engineering

M. K. Fahnestock, Research Professor of Mechanical Engineering (Engineering Experiment Station) and Chairman of the Physical Environment Unit in the Graduate College, second semester (six months from February 1, 1961), full pay; for visits to various laboratories doing research on atmospheric environment and to study their programs pertaining to relationships of atmospheric environment, people, agricultural animals and plants, and controlled environment for products and processes. The composite information to be secured will be used in further development of facilities and programs in the University's physical environment laboratories in which interdisciplinary research programs serving engineering, agriculture, physiology, psychology, and physical fitness are conducted.

Reinhold F. Larson, Professor of Mechanical Engineering, second semester, full pay; for studies with nuclear engineering and chemical engineering groups at Massachusetts Institute of Technology; and studies of the programs of reactor techniques at Argonne and Oak Ridge National Laboratories and laboratories in foreign countries.

College of Fine and Applied Arts

Victor A. Hyde, Professor of Community Planning, first semester, full pay; for observation of programs and studies of policies in the field of government planning in European countries.

King Kellogg, Associate Professor of Music, first semester, full pay; to study vocal literature in Europe as a basis for preparation of a guide for teaching of vocal literature.

On motion of Mrs. Watkins, these leaves were granted, as recommended.
REQUEST OF ASSISTANT PROFESSOR LEO F. KOCH

(6) On recommendation of the Executive Committee of the College of Liberal Arts and Sciences, Assistant Professor Leo F. Koch of the Division of General Studies was relieved of all University duties as of April 7, 1960, and has been informed that his appointment will be terminated at the end of the current academic year, 1959-60. A copy of my letter on this subject to Dean Lyle H. Laniart was sent to each member of the Board.

On April 11 Professor Koch delivered to the Secretary of the Board of Trustees a letter requesting the Board to review the action taken with respect to his status. Under University of Illinois Statutes he is entitled to a hearing by the Board of Trustees. He has also requested a hearing by the Committee on Academic Freedom of the Urbana Senate.

On motion of Mr. Johnston, seconded by Mr. Harewood, the request for a hearing by the Board of Trustees was granted, and the President of the Board was authorized to set the time and place of the hearing to be conducted under procedures recommended by the Legal Counsel of the University.

CHANGES IN DEPARTMENTAL NAMES

(7) On recommendation of the heads of the departments and other University officers concerned, the following changes in departmental names have been approved: Department of Mechanical Engineering changed to Department of Mechanical and Industrial Engineering, and the Aeromedical and Physical Environment Laboratory changed to Aeromedical Laboratory.

Confirmation of these changes is requested.

On motion of Mr. Swain, these changes were confirmed.

COUNTY SCHOLARSHIPS

(8) Under state law, there is awarded annually to each county of the state one scholarship which entitles the holder to exemption from payment of tuition fees at the University of Illinois for a period of four years. The award is made on the basis of a competitive examination given by the County Superintendent of Schools on the last Saturday of March. The University prescribes the rules under which the examinations are given and the Office of Admissions and Records works with the county superintendents in setting up these examinations. The highest ranking candidate in each county wins the scholarship.

The law does not take into account variations in population and provides for only one scholarship in each county. To equalize the distribution of these awards, the Board of Trustees has created additional University scholarships in a number of counties, providing the same benefits as the county scholarships. These latter University scholarships are awarded to candidates ranking immediately below the top candidates in the county scholarship examinations.

The law also provides that "No student who has taken normal school, college, university, or other training in advance of the completion of a four-year high school course shall be eligible to the examination." This disqualifies students who during their high school senior year have earned college credit under the advanced placement program or by attending classes at the University of Illinois, either in Urbana or at the Chicago Undergraduate Division, or at some accredited junior or senior college. Hence outstanding students are deprived of an opportunity to earn a county tuition scholarship.

The Committee on Undergraduate Scholarships has recommended that the Board of Trustees authorize the award of a University scholarship in any county where the highest-ranking candidate in the competitive examination may technically be ineligible because of having had college credit while still a senior in high school. If this is approved the University can still take care of the highest-ranking students without depriving the high school senior without college credit of his legal rights in the college scholarship examination. The number of these cases will not be large as the awards will be limited to those counties with
populations not large enough to qualify for additional University scholarships awarded in addition to the winners of County Scholarships.

I recommend approval.

On motion of Mr. Harewood, this recommendation was approved.

INCREASED RETIREMENT ANNUITIES FOR STAFF WHO RETIRED PRIOR TO SEPTEMBER 1, 1959

(9) I recommend the adoption of the following resolution:

WHEREAS, a Committee of the Emeriti representing members of the University of Illinois faculty who retired prior to September 1, 1959, will request the Board of Trustees of the University Retirement System of Illinois to consider a plan to provide increased retirement benefits for those who retired prior to establishment of the University Retirement System of Illinois in 1941 and for those who retired after September 1, 1941, but prior to September 1, 1959; and

WHEREAS, the amendments of the Act creating the University Retirement System of Illinois adopted in 1959 which provide more equitable annuities and other benefits available to employees of state institutions of higher education did not provide for any adjustments in the retirement allowances of the Emeriti of 1958 and former years; and

WHEREAS, those who retired prior to September 1, 1941, and whose annuities are paid by the University as deferred compensation for service rendered prior to retirement, are receiving annuities far below the annuities available under the University Retirement System of Illinois; and

WHEREAS, the annuities of those retired after September 1, 1941, but prior to September 1, 1959, are not proportional to the contributions required of participants, do not take into account the unrecorded equity toward retirement allowances earned by service prior to 1941, and do not provide adequate benefits for a surviving wife or dependent children; and

WHEREAS, many of these Emeriti, after spending virtually their entire careers in the service of the state universities of Illinois are dependent largely upon their retirement annuities, and are in serious financial need; and

WHEREAS, the University Council and the Urbana Senate Committee on Retirement Insurance and Hospitalization have been consulted and are in sympathy with this request; and

WHEREAS, the Committee is also requesting the endorsement of its plan by the Teachers College Board and the Board of Trustees of Southern Illinois University; now therefore be it

Resolved by the Board of Trustees of the University of Illinois that it endorses in principle the request of the Committee of the Emeriti that the Board of Trustees of the University Retirement System of Illinois consider a plan and support, in the 1961 session of the General Assembly of Illinois the necessary legislation to provide the much needed improvements in retirement benefits for those who retired from the service of the state universities prior to September 1, 1959.

On motion of Mr. Harewood, the foregoing resolution was adopted.

CENTER FOR ZOONOSES RESEARCH

(10) The Dean of the College of Veterinary Medicine has proposed the establishment of a Center for Zoonoses Research at the University of Illinois according to the plan of organization set forth below. A special committee appointed by the Vice-President and Provost to study this proposal has recommended approval. The Vice-President and Provost and the Dean of the Graduate College concur.

Research on the zoonoses is highly desirable and worthy of effort on the part of the University. The zoonoses are being increasingly recognized as of major importance to human and animal health and welfare. Establishment of the Center would focus more attention on the zoonoses, encourage more research upon them, and promote needed interdisciplinary cooperation and coordination in this area. In addition, it would attract substantial amounts of outside support. The idea of our establishing the Center—the second one in the
The organization and function of the Center are to be as follows:

(a) The Center for Zoonoses Research is responsible for carrying out research on the zoonoses—diseases common to animals and man—and related diseases, parasites, and disease agents, including studies of their epizootiology, epidemiology, pathology, etiology, control and host-parasite relationships. In developing and carrying on such programs, use shall be made of the Center staff as well as of the staffs of other University departments and divisions. Cooperative work will also be carried out with other public and private research and service agencies.

(b) The administrative head of the Center shall be a Director appointed biennially by the Board of Trustees on the recommendation of the President. An Associate Director shall be appointed in the same manner.

(c) The staff of the Center for Zoonoses Research shall be composed of three types of members: (1) Senior Members; these may or may not hold joint appointments in other departments or divisions of the University; (2) Associate Members; these may or may not hold joint appointments in other departments or divisions of the University; (3) Consulting Members; these shall be members of the staffs of institutions or organizations other than the University of Illinois.

(d) The Executive Committee of the Center shall be composed of all Senior Members. The Director shall be an ex officio member and the chairman of the Executive Committee. The Executive Committee shall advise the Director on the administration of his office, including the formulation of plans and the preparation of the budget.

The Director of the Center for Zoonoses Research shall be the Dean of the College of Veterinary Medicine, who also serves as administrative head of the Department of Veterinary Medical Science in the Graduate College and of the Department of Veterinary Research in the Agricultural Experiment Station.

The first Senior Members of the Center shall be appointed on nomination by the Director from among present faculty members of the University. These will then constitute the Executive Committee. Scientists not at present associated with the University may be appointed also. Senior Members shall be appointed on indefinite tenure.

Associate Members will be appointed for one- or two-year periods and will not be reappointed for more than three consecutive terms. They will be appointed on nomination by the Director and Executive Committee with approval of the President and the Board of Trustees of the University. Associate Members may be appointed from among present members of the faculty, from persons not now on the faculty, and from scientists from other institutions and areas who will want to work at the Center.

Senior Members and Associate Members may receive all or part of their salaries from the Center's budget. If they hold joint appointments in other departments or divisions, the proportions of their time devoted to research, teaching, advising, etc., will be determined by mutual agreement with the departments or divisions concerned. Part or all of the salary of Associate Members, including summer salary, may come from research grants such as those from the National Institutes of Health, the National Science Foundation, or private foundations.

Research may be conducted either on campus or in the field.

Appointments of Consulting Members will permit utilization of the counsel of outstanding scientists from other institutions, agencies, and organizations, state, national, and international. It is contemplated that Consulting Members will be appointed for terms of one to two years on nomination by the Director and Executive Committee. They may be reappointed as many times as proves mutually desirable.

It is recommended that the Center be activated September 1, 1960.
The proposed budget contemplates an initial recurring University appropriation of $12,000 a year. A solid commitment of funds for the future is obviously not feasible but the present recommendation is made in the expectation that the University will continue to grow in size and in service to the state and nation. However, even if expansion of the Center does not turn out to be as rapid as anticipated, it will still be able to make creditable contributions in research.

The Committee recommended that the Center limit itself initially to a coordinated study of leptospirosis, Q fever, para-influenza, and other respiratory virus and rickettsial diseases, all of which form an ecologically related group of diseases common to man, livestock, and wildlife; to a study of the relationship of climatic and meteorological factors to the transmission of the agents of these and other diseases; and to a study of the passage back and forth between man and his pets of these and other diseases.

The Committee further recommended that, upon activation of the Center, one new senior academic staff member be appointed; that several present academic staff members totaling two full-time equivalents be appointed to the staff of the Center; that the appropriate portions of their salaries be allocated to the Center; and that the junior academic staff members and the salaries of nonacademic supporting staff members be drawn from grant funds. It recommends further that one new senior academic staff member be added to the Center each biennium during the decade after its activation.

I concur in the foregoing recommendations provided that (a) the extent to which the plan of organization, research program, and other contemplated services of the Center are implemented shall be subject to budgetary considerations and (b) establishment of the Center does not imply a priority commitment on University resources, but support of the Center will be considered in relation to other needs for operating funds and physical facilities.

On motion of Mr. Hughes, these recommendations were approved.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(11) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve for the following:

1. College of Agriculture, Departments of Plant Pathology and Forestry, remodeling to provide more space in teaching laboratory in Davenport Hall .................................................. $1,900
2. Dixon Springs Experiment Station, purchase of two houses for occupancy by Station staff at Dixon Springs ........................................ 15,210
3. College of Engineering:
   - Remodeling in Transportation Building to provide additional office space .................................................. 2,600
   - Remodeling house for office use .................................................. 2,200
   - Department of Theoretical and Applied Mechanics, remodeling Talbot Laboratory space .................................................. 9,925
4. College of Education, remodeling in University High School ....... 14,600
5. College of Journalism and Communications, remodeling of properties at 55 and 59 East Armory Avenue for use of Radio Station WILL and thus release space in Gregory Hall for other use .................. 7,000
6. College of Physical Education:
   - Remodeling in English Building for teaching laboratories and offices .................................................. 6,700
   - Resurfacing of tennis courts .................................................. 9,000
7. Graduate College, purchase of truck for use of Committee on Natural Areas and Uncultivated Lands Woods Custodian .................. 2,500
8. Armed Forces, steel shelving, door, and portable section of bars for storeroom in Armory .................................................. 1,525
9. Public Information Office, air conditioning of Photographic Laboratory in Arcade Building .................................................. 7,000
10. Dean of Students, air conditioning offices in Rooms 150, 152, and 154 Administration Building (West) .................................................. 3,100
11. Graduate College, purchase of Flexowriter .................................................. 4,585
12. President's Office, air conditioning office quarters in Illini Hall .................................................. 1,815
13. Office of Admissions and Records, purchase of equipment ............ 28,421
Urbana
Safe cabinet for student permanent record cards .................. $ 3,035
Fourteen sections shelf files ........................................ 1,613
Safe ledger file, two-tray ........................................... 300
Microfilming Senate minutes ......................................... 2,000
Mimeograph machine .................................................. 750
Addressograph transfer printer ..................................... 4,500
Postage meter, Model 4200 ........................................... 900
Mailing scale, Model S-510 .......................................... 165
Two Marchant calculators, less $100 for trade-in .............. 1,480
Fourteen typewriters, six electric and eight manual.......... 3,650
Two Verifax copying machines ........................................ 480
Automatic typewriting equipment ................................... 3,000
Azograph duplicator .................................................. 600
Mail folding and inserting machine ................................ 1,200
IBM card file .......................................................... 210
Six DeJur stenorettes with dictating kits and four transcribing kits ..................................................... 1,338

Chicago Professional Colleges
Marchant calculator ..................................................... 790
Microfilming student permanent record cards ................. 750

Chicago Undergraduate Division
Cabinet for addressograph plates .................................. 160
Two stenorettes ......................................................... 400
Three electric typewriters .......................................... 900

14. Committee on Aerial Photography, purchase of a precise stereoplotter $10 200
15. Library:
Purchase of collection of Russian and related Slavic materials ...... 10,155
Lighting of Commerce Library ....................................... 5,500
Lighting for Catalog, Acquisition, and Serials Departments ....... 5,400
16. Physical Plant Department:
Construction of bicycle lanes along a route from the Gregory Drive Residence Halls to Sixth Street, Armory Avenue, and Wright Street 27,500
General classroom remodeling ...................................... 18,850
Divide Room 152, Davenport Hall, to provide an additional classroom, including construction of a new access way from Chemistry Annex ........................................... $12,750
Convert classrooms in Lincoln Hall and Gregory Hall into seminar rooms ................................................... 1,400
Divide Room 19, David Kinley Hall, into two classrooms ....... 3,200
17. Chicago Professional Colleges, purchase of equipment ....... 48,840
X-ray rapid film changer .............................................. $18,000
Analyzer control unit for Isotope Laboratory ....................... 3,340
Mobile X-ray film projector for teaching program in Radiology .......................................................... 3,500
Replacement of obsolete fluoroscopic equipment in Neurology 20,500
Radio-isotope equipment to improve patient diagnostic procedures ........................................... 3,500
Total ....................................................................................... $244,526

On motion of Mr. Johnston, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.
ANNEXATION OF LAND TO THE URBANA-CHAMPAIGN SANITARY DISTRICT

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize annexation of the following described areas of University property to the Urbana-Champaign Sanitary District:

The area bounded by Florida Avenue, Lincoln Avenue, St. Mary’s Road, and the Illinois Central Railroad, except the south 264 feet between First Street and the railroad;

That portion of the north half of Section 20 which is not already in the District (east of Lincoln Avenue, extending 1/4 mile south of St. Mary’s Road).

The area to be annexed includes the site of the Assembly Hall and the proposed new forestry tract to replace Illini Grove. This annexation is necessary to provide for the treatment of sewage from these sources. A plat of the area, including the legal description, is being filed with the Secretary of the Board for record as a part of this recommendation.

I recommend that the Secretary and the Comptroller be authorized to execute the petition and any other documents necessary to effect the annexation, subject to approval of the Legal Counsel.

On motion of Mr. Swain, these recommendations were approved.

PARKING METERS AND BICYCLE ROADWAY ON WRIGHT STREET

(13) City of Champaign officials have requested permission to install and maintain parking meters on University property on the east side of Wright Street between Armory and Springfield. University officials have considered this, and as an alternative, request authority to propose to the City that it reserve a roadway approximately eight feet wide, west of the present east curb line on Wright Street, and the construction of islands to form the west boundary of the bicycle roadway, between Armory Avenue and Green Street, and the installation of parking meters on these islands instead of on University property; provided that the meters in the two blocks between Green and Springfield Avenue would be on University property on the east side of Wright Street.

This alternate proposal contemplates that the City would grant permission to the University to construct and maintain these islands, and that the City will adopt and enforce an ordinance prohibiting use of the eight-foot strip of pavement between the east curb of Wright Street and the islands by vehicles other than those which are not motor driven and will keep such ordinance in effect, and will enforce it, as long as the arrangement continues in effect. While this would eliminate one line of motor traffic between Armory Avenue and Green Street, it would provide an exclusive, and safer, bicycle lane on a street on which traffic is very heavy during University class hours, and would enable the City to install its parking meters.

Specifically, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize:

1. A formal proposal to the city of Champaign that it grant permission to the University to construct and maintain, at University expense, islands in Wright Street between Armory Avenue and Green Street, approximately three feet wide, the east edge of which will be approximately eight feet west of the present east curb of Wright Street to provide the boundary for a bicycle roadway and space for City parking meters (instead of along the east curb of Wright Street) to be installed and maintained by the City; in return, the City will adopt and enforce an ordinance prohibiting the use of the eight-foot strip by any vehicle other than bicycles which are not motor driven.

2. The lease to the city of Champaign of an area approximately three feet wide lying immediately east of the present east curb line of Wright Street between Green Street and Springfield Avenue at a rental of $1.00 per year for a period ending June 30, 1963, provided that the lease will be automatically renewable for successive biennial periods beginning July 1, 1963, unless said lease is cancelled at any time during any such renewal period by at least thirty days' notice in writing given by either party to the other, or some modification in the lease is required by either party and agreed to by both.
3. The execution by the officers of the Board of an agreement or agreements and such other documents as may be necessary, subject to the approval of said documents by the University's Legal Counsel, to implement this exchange of facilities; said agreement or agreements to be for an initial period which will expire June 30, 1963, but which will provide for automatic renewals for successive biennial periods beginning July 1, 1963, unless said lease is cancelled at any time during such renewal time by at least thirty days notice by either party to the other, or some changes in the agreement are requested by either party and agreed to by both parties.

I concur.

On motion of Mr. Harewood, these recommendations were approved.

ADDITION TO CONTRACT FOR ASSEMBLY HALL

(14) The Director of the Physical Plant and Vice-President and Comptroller recommend an increase of $8,492 in the contract with Felmley-Dickerson Company for the construction of the Assembly Hall for additional materials and labor to modify the original design of the glazed exterior wall section around the concourse to provide sufficient elasticity to permit structural movements resulting from changes in temperature and natural expansion and contraction of the materials involved. Lack of sufficient elasticity would result in possible cracks, warpage, or damage to the exterior glazed wall. This work, estimated to cost $15,246, will be offset to the extent of $6,754 for revisions in the shape and over-all length of the catwalk above the playing floor, and by reduction of the concrete slab seating area from 4 inches to 3 inches.

Funds are available in the construction account for the Assembly Hall.

I concur and recommend that the Comptroller be authorized to execute the contract change.

On motion of Mr. Swain, this change in the contract was authorized.

ADDITION TO CONTRACT FOR SNACK BAR AND SERVICE BUILDING

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $6,303 in the contract with the A. F. Krall Construction Company for the construction of the Snack Bar and Service Building for the Gregory Drive and Peabody Drive Residence Halls to include construction of an information and sales counter in the lobby. This will include shelf space for newspapers, magazines, toilet articles, and other items, formerly available in the Parade Grounds Canteen which is being replaced by the new building.

Funds are available in the construction account for the Snack Bar and Service Building.

I concur and recommend that the Comptroller be authorized to execute the change order.

On motion of Mr. Johnston, this change in the contract was authorized.

APPOINTMENT OF AUDITORS

(16) The firm of Ernst and Ernst, Certified Public Accountants, was retained by the Board of Trustees for the audit of the University's accounts for the fiscal year ended June 30, 1958, with the understanding that the firm would be employed for three years subject to annual review. The firm was also employed for the year ended 1959.

The services of Ernst and Ernst have been very satisfactory. The firm proposes to complete the audit for the year ending June 30, 1960, at the prevailing hourly rates for college and university audits, plus cash expenses, plus expenses for travel and subsistence of the staff assigned to the audit, with the understanding that the aggregate charges will not exceed the following amounts, which are the same maximums used for the audit for the past two years:

University of Illinois (all divisions) ........................................ $18,700
University of Illinois Foundation (including its retirement system) .... 1200
University of Illinois Athletic Association
    (including its retirement system) ........................................ 1000
Alumni Association (including its retirement system) ........................................ $ 500
University Retirement System of Illinois .................................................... 2,000

Under the present state law the Auditor-General of Illinois is responsible for auditing, or causing to be audited, the records of the University. The Auditor-General, Mr. Frank H. Whitney, has followed the practice of earlier years in which the Auditor-General is consulted concerning the employment of the auditing firm, and the firm employed by the University submits copies of its reports directly to him, as well as to the Board of Trustees. Any additional work which the Auditor-General may require is at the expense of his office. The firm of Ernst and Ernst is acceptable to the Auditor-General.

The Finance Committee recommends the employment of Ernst and Ernst for the audit of University accounts for the fiscal year ending June 30, 1960.

On motion of Mr. Swain, this recommendation was approved.

**PURCHASES**

(17) The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of lowest bid.

I concur.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contract services for six months of the Shawnee Farm Bureau Farm Management Association</td>
<td>Agricultural Economics</td>
<td>Shawnee Farm Bureau Farm Management Association, Johnston City</td>
<td>$2,600.00</td>
</tr>
<tr>
<td>One counter-current distributing instrument containing 200 15 mm. O.D. tubes, each holding 10 ml of either phase; with driving mechanism, fraction collector, and 95 in. x 33 in. x 37 in. fume hood</td>
<td>Chemistry and Chemical Engineering</td>
<td>H. O. Post Scientific Instrument Co., Inc., Middle Village, N. Y.</td>
<td>6,805.71 f.o.b. delivered</td>
</tr>
<tr>
<td>One amino acid analyzer for rapid automatic quantitative analysis of unknown mixtures of amino acids, with micro scale</td>
<td>Chemistry and Chemical Engineering</td>
<td>Beckman Instruments, Inc., Spinco Division, Palo Alto, Calif.</td>
<td>12,602.00 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One spectrophotometer, infrared, double beam, with prism grating, recorder, and three cells, range 650 to 4000 cm⁻¹</td>
<td>Chemistry and Chemical Engineering</td>
<td>Beckman Instruments, Inc., Chicago</td>
<td>16,109.90 delivered and installed</td>
</tr>
<tr>
<td>One spectrophotometer, double beam infrared type, wave length linear in microns 4.5-15.0, recording, self-contained, 115 volt, 50-60 cycle</td>
<td>Chemistry and Chemical Engineering</td>
<td>Perkin-Elmer Corp., Chicago</td>
<td>4,481.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One spectrophotometer complete with photomultiplier, line operated, 115 volt, 50-60 cycle</td>
<td>General Chemical Stores</td>
<td>E. H. Sargent &amp; Co., Chicago</td>
<td>2,995.00 delivered and installed</td>
</tr>
<tr>
<td>One portable DC high-voltage power supply 0-250 K volts, maximum ripple voltage 5 per cent at maximum current and voltage, one MA maximum current at 250 K volts, 10,000 Dalton wire-wound resistors, 3 watt, 1 per cent tolerance</td>
<td>Coordinated Science Laboratory</td>
<td>Del Electronics Corp., Mount Vernon, N. Y.</td>
<td>5,975.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One Hewlett-Packard 524C frequency counter with video amplifier and two frequency converters, ranges 10 cps-10.1 MC, 12 cps-100 MC, and 100 MC-120 MC</td>
<td>Electrical Engineering</td>
<td>Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago</td>
<td>4,382.00 f.o.b. Columbus, Neb.</td>
</tr>
<tr>
<td>One Lee-Kramer shear press qualitator, including basic hydraulic unit, one shear test cell but not the succometer cell, and one recording attachment complete with its own three-range proving ring</td>
<td>Food Technology</td>
<td>Laboratory of Electronic Engineering, Inc., Washington, D.C.</td>
<td>5,557.37 f.o.b. delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
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</tr>
<tr>
<td>One automatic radiation counting system including the following: automatic sample changer, capacity: 35 or more samples; printing timer; lead shield; binary scaler; time delay valve</td>
<td>Microbiology</td>
<td>Nuclear-Chicago Corp., Chicago</td>
<td>$3,647.83 f.o.b. delivered</td>
</tr>
<tr>
<td>One vac ion pump and magnet 40 liters/sec, and one vac ion pump and magnet 5 liters/sec; each complete with power supply, gaskets, flanges, and hardware</td>
<td>Physics</td>
<td>Varian Associates, Palo Alto, Calif.</td>
<td>$3,106.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One Grass instrument model 5; six-channel cabinet; polygraph unit; five driver amplifiers; five oscillographs; and four preamplifiers</td>
<td>Psychology</td>
<td>Grass Instrument Co., Quincy, Mass.</td>
<td>$2,815.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Modified speech testing equipment including Beltone 12B two-channel audiotometer, microphone boom and arm, tape recorder, photo player, amplifiers, speakers, test room junction box and cable, automatic attenuator, desk, necessary switches, etc., plus installation</td>
<td>Speech</td>
<td>Acoustic Research Instrument Co., Northbrook</td>
<td>$3,785.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One model 610 Vari-Typer with 16 in. carriage and twelve sets type fonts</td>
<td>Theoretical and Applied Mechanics</td>
<td>Vari-Typer Corp., Peoria</td>
<td>$2,338.00 f.o.b. Newark, N.J.</td>
</tr>
<tr>
<td>500,000 mycophenolate mofetil tablets, 0.25 gm. (approximately one-year's supply)</td>
<td>Research and Educational Hospitals</td>
<td>Ayerst Laboratories, Chicago</td>
<td>$11,300.00 f.o.b. delivered</td>
</tr>
<tr>
<td>500,000 multiple vitamin capsules</td>
<td>Research and Educational Hospitals</td>
<td>Security Medicine Co., Chicago</td>
<td>$3,815.00 delivered</td>
</tr>
<tr>
<td>31 monocular medical microscopes; less trade-in allowance for 30 used microscopes</td>
<td>Student Supply Store, Chicago Professional Colleges</td>
<td>A. S. Aloe &amp; Co., Schiller Park</td>
<td>$5,228.55 delivered</td>
</tr>
<tr>
<td>Approximately 100,000 pounds cut dry ice and 155 fifty-pound cylinders of carbon dioxide to be used by various departments in the Chicago Professional Colleges during the year beginning July 1, 1960</td>
<td>Chicago Professional Colleges</td>
<td>Liquid Carbonic, Division of General Dynamics, Chicago</td>
<td>$5,957.50 delivered</td>
</tr>
<tr>
<td>Rental of academic apparel, consisting of 519 caps and gowns and 553 hoods for the June 10, 1960, exercises for the Chicago Professional Colleges</td>
<td>Chicago Professional Colleges</td>
<td>E. R. Moore Co., Chicago</td>
<td>$2,878.90 delivered</td>
</tr>
<tr>
<td>20,000 124-page Undergraduate Division 1960-61 catalogues</td>
<td>Chicago Undergraduate Division</td>
<td>Interstate Printers &amp; Publishers, Danville</td>
<td>$5,007.60 f.o.b. delivered</td>
</tr>
<tr>
<td>Furnish and install hardware and draperies for 711 windows (11 ft. 6 in. wide x 5 ft. 1 in. high) in Men's Residence Halls SM-3, Buildings A, B, and C</td>
<td>Housing Division, Men's Residence Halls</td>
<td>Edwin Raphael Co., Inc., Chicago</td>
<td>$16,242.50 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>197 36 in. x 80 in. bed springs</td>
<td>Housing Division, Men's Residence Halls</td>
<td>Karoll's, Inc., Chicago</td>
<td>$2,770.70 f.o.b. delivered</td>
</tr>
<tr>
<td>1,450 36 in. x 80 in. x 4 3/4 in. foam rubber mattress covers</td>
<td>Housing Division, Men's Residence Halls</td>
<td>Lifetime Foam Products, Chicago (foam rubber mattresses)</td>
<td>$43,425.44 delivered</td>
</tr>
<tr>
<td>197 36 in. x 80 in. x 6 3/4 in. innerspring mattresses</td>
<td>Housing Division, Men's Residence Halls</td>
<td>A. D. Sackett, Champaign (innerspring mattresses)</td>
<td>$3,555.85 f.o.b. delivered</td>
</tr>
<tr>
<td>815 dozen sheets, size 63 in. x 180 in., type 140, two-inch hem on each end 406 dozen pillow cases, size 42 in. x 36 in., type 140</td>
<td>Housing Division, Men's Residence Halls</td>
<td>Kansas City White Goods Manufacturing Co., Kansas City, Mo.</td>
<td>$16,708.96 f.o.b. delivered</td>
</tr>
<tr>
<td>1,670 bed pillows, finished size 20 in. x 26 in., minimum filling weight 1 pound 14 ounces</td>
<td>Housing Division, Men's Residence Halls</td>
<td>Karoll's, Inc., Chicago</td>
<td>$1,907.80 f.o.b. delivered</td>
</tr>
<tr>
<td>Eight concrete poles, 27 ft. long with twin aluminum brackets</td>
<td>Institute of Aviation</td>
<td>Westinghouse Electric Supply Co., Danville</td>
<td>$5,532.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Eight concrete poles, 27 ft. long with single aluminum brackets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24 lighting refractors, 400 watt, with built-in ballasts</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
Item | Department | Vendor | Cost
--- | --- | --- | ---
500,000 No. 10 20-lb. Kraft envelopes with gummed flap | Office Supply Stores | Tenion Envelope Corp., St. Louis, Mo. | $5 242.10 f.o.b. delivered
150,000 No. 6½ 20-lb. Kraft envelopes with gummed flap | Physical Plant Storeroom | MacGregor Lead Co., Chicago | 5 420.45 f.o.b. delivered
750,000 No. 10 28-lb. white wove envelopes | Physical Plant | General Electric Co., St. Louis, Mo. | 3 413.55
200,000 No. 6½ 18-lb. white wove envelopes | | | |
50,000 9 in. x 12 in. 24-lb. open end brown Kraft catalog envelopes with gummed flap | Physical Plant | Crum Distributing Co., Decatur | 25 335.69 f.o.b. delivered
50,000 9 in. x 12 in. 24-lb. open end brown Kraft catalog envelopes | | | |
30,000 pounds soft white lead paste, federal specifications TT-W-215B, type C, in 100-pound kegs | Physical Plant | | |
Services of General Electric Co. engineer to supervise, overhaul, and inspect General Electric turbine generator No. 45701, Unit 1, at Abbott Power Plant for period from December 14, 1959, to January 31, 1960 | | | |
150 (approximately) window air conditioners of various capacities to be furnished as required during the period from May 1, 1960, to September 30, 1960 | | | |
Eleven four-door sedans | | | |
One four-door station wagon | | | |
Less trade-in allowance for ten four-door sedans and one station wagon | | | |

On motion of Mr. Harewood, these purchases were authorized.

PURCHASE OF FURNITURE FOR STUDENT RESIDENCE HALLS
(18) The Board of Trustees on March 16, 1960, authorized the purchase of student room furniture (chairs, desks, and beds) for the Peabody Avenue Residence Halls and the Residence Hall on Green Street for Single Graduate Students, now under construction, from Faucett-Umphrey Corporation, Bloomfield, Indiana, the lowest bidder and manufacturer, and a contract for $189,448.10 was subsequently executed by the Corporation and the University.

The Corporation, having failed to furnish an Owner's Protective Bond as specified in the contract within the required ten-day period, and after an extension of time was granted, the Director of Purchases and the Vice-President and Comptroller therefore recommend that the Board exercise its option to declare the contract with Faucett-Umphrey Corporation null and void and to retain the Corporation's bid deposit of $7,500 as liquidated damages for failure to comply with contract requirements; and that the Board authorize the Director of Purchases to send written notice of this action to Faucett-Umphrey Corporation.

It is also recommended that a contract for $195,494.74 for the purchase of this furniture be awarded to Sligh Lowry Furniture Company, Holland, Michigan, the second lowest bidder, on the total of the items to be purchased. This Company is prepared to execute a contract and to comply with all requirements.

I concur.

On motion of Mr. Harewood, these recommendations were approved.

COMPTROLLER'S REPORT OF CONTRACTS
(19) The Comptroller's report of contracts executed during the period March 1 to 31, 1960.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott Laboratories</td>
<td>Treatment of leptospira pomona infection in swine with erythromycin</td>
<td>$1 500.00</td>
<td>March 2, 1960</td>
</tr>
</tbody>
</table>
### UNIVERSITY OF ILLINOIS

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caterpillar Tractor Co.</td>
<td>Behavior of U-shaped structural members subjected to torsion and flexure</td>
<td>$8,000.00</td>
<td>March 3, 1960</td>
</tr>
<tr>
<td>Cities Service Athabasca, Inc.</td>
<td>Influence of oily residue on the physical properties of sands</td>
<td>$11,400.00</td>
<td>March 2, 1960</td>
</tr>
<tr>
<td>Forest Park Foundation</td>
<td>Evaluation of the activity-therapy program of the Forest Park Foundation</td>
<td>$1,000.00</td>
<td>March 10, 1960</td>
</tr>
<tr>
<td>Quaker Oats Co.</td>
<td>Breeding for yellow dwarf (red leaf) resistance in spring and winter oats</td>
<td>$8,800.00</td>
<td>March 26, 1960</td>
</tr>
<tr>
<td>State of Illinois Department of Agriculture</td>
<td>Use of blood groups as an aid in selection of swine for carcass quality</td>
<td>$15,000.00</td>
<td>February 17, 1960</td>
</tr>
<tr>
<td>State of Illinois Department of Agriculture</td>
<td>Quality factors affecting the marketing of milk and cream for processing</td>
<td>$4,500.00</td>
<td>February 17, 1960</td>
</tr>
<tr>
<td>State of Illinois Department of Agriculture</td>
<td>Development of corn carbohydrate coatings for control of shrink and preservation of quality in products, such as meats, fruits, and vegetables</td>
<td>$13,200.00</td>
<td>February 17, 1960</td>
</tr>
<tr>
<td>State of Illinois Office of the Superintendent of Public Instruction</td>
<td>Assistance to local educational agencies in the planning of local programs and in establishing, maintaining, or improving such programs</td>
<td>$20,000.00</td>
<td>January 14, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Academic instruction</td>
<td>$3,000.00</td>
<td>February 17, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Analysis and design of domes, arches, and shells</td>
<td>$35,000.00</td>
<td>February 16, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Megavolt electronics, submillimeter wave research</td>
<td>$35,000.00</td>
<td>March 1, 1960</td>
</tr>
<tr>
<td>VioBin Corp.</td>
<td>Safety of feeding whole dried fish meal</td>
<td>$3,000.00</td>
<td>March 23, 1960</td>
</tr>
<tr>
<td>Washington Recreation Association</td>
<td>Appraisal of existing recreation and park resources</td>
<td>$30,000.00</td>
<td>March 9, 1960</td>
</tr>
</tbody>
</table>

### Leases

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe L. Collins</td>
<td>Lease of second-floor apartment of the Burt House at the University of Illinois Airport</td>
<td>$960.00 annually</td>
<td>March 1, 1960</td>
</tr>
</tbody>
</table>

### Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Griffin Wheel Co.</td>
<td>Properties of refractories as related to service in a steel pressure casting process</td>
<td>$30,000.00</td>
<td>March 14, 1960</td>
</tr>
<tr>
<td>State of Illinois Department of Public Welfare</td>
<td>Child behavior and parent-child interaction patterns</td>
<td>$2,690.00</td>
<td>February 29, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Academic instruction</td>
<td>$2,440.00</td>
<td>March 11, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Gaseous electronics</td>
<td>$152,903.00</td>
<td>February 2, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Processes in the ionosphere by means of gyro interaction experiments carried out with rockets</td>
<td>$79,957.00</td>
<td>February 1, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Interaction of dissolved interstitial atoms with dislocations</td>
<td>$14,330.00</td>
<td>January 13, 1960</td>
</tr>
<tr>
<td>United States Air Force</td>
<td>Modulation and detection of light at microwave frequencies</td>
<td>$22,926.00</td>
<td>January 13, 1960</td>
</tr>
<tr>
<td>United States Army</td>
<td>Development of techniques for the objective description of freeze-dehydrated cooked beef</td>
<td>$15,500.00</td>
<td>February 16, 1960</td>
</tr>
<tr>
<td>United States Army</td>
<td>Analytical study of dynamic bearing capacity of soils</td>
<td>$21,600.00</td>
<td>February 5, 1960</td>
</tr>
<tr>
<td>United States Navy</td>
<td>Development of suitable techniques and instrumentation for measuring acoustic attenuation</td>
<td>$12,808.00</td>
<td>January 18, 1960</td>
</tr>
</tbody>
</table>
Adjustments Made in 1959-60 Cost-Plus Contract

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harry F. Fisher</td>
<td>Thirty-nine items; $101.88</td>
<td>$ 3 992</td>
<td>February and</td>
</tr>
<tr>
<td>(Plastering)</td>
<td>deduct to $2,015.00</td>
<td>$0</td>
<td>March, 1960</td>
</tr>
</tbody>
</table>

This report was received for record.

ANNUAL REPORT OF THE TREASURER

(20) In accordance with the By-Laws of the Board of Trustees, the Treasurer of the University has submitted a report of receipts and disbursements of University funds in his custody for the period March 1, 1959, to February 20, 1960, certified by the Comptroller. A copy of this report was sent to each member of the Board of Trustees prior to today's meeting, and a copy is filed with the Secretary of the Board.

This report was received for record.

APPOINTMENT OF VICE-PRESIDENT AND PROVOST OF THE UNIVERSITY

(21) I recommend the appointment of Dr. Lyle H. Lanier, now Professor of Psychology and Dean of the College of Liberal Arts and Sciences, as Professor of Psychology on indefinite tenure and Vice-President and Provost of the University for a period beginning July 1, 1960, and continuing through August 31, 1961. The salary for this position will be determined when the budget for 1960-61 is submitted to the Board for approval.

The nomination of Dean Lanier has the unanimous and enthusiastic support of a consultative committee appointed to advise the President of the University on this matter. The Committee consulted many members of the faculty from whom its received suggestions as well as from other sources. The members discussed the nature of the post with those qualified to have informed reactions and tested the names proposed against this analysis and in many interviews which they held.

The University is fortunate to have someone on its staff immediately available to succeed Vice-President and Provost Gordon N. Ray who has the respect and confidence of the faculty and the administrative staff, who is a proven administrator as a former department head and dean, and who has a background of distinguished academic achievement as teacher and scholar.

On motion of Mr. Swain, this appointment was approved.

REACCREDITATION SURVEY OF THE UNIVERSITY OF ILLINOIS CURRICULUM IN OCCUPATIONAL THERAPY

The Vice-President in charge of the Chicago Professional Colleges submitted a report on this matter, a copy of which was distributed to the Trustees and a copy of which has been filed with the Secretary of the Board for record.

This was submitted for information only and called for no action.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations; (4) leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

AHMED, A. H. SHAFFIQUDDIN, Research Assistant in Mining and Metallurgical Engineering (C), three months from March 16, 1960, $444.44 a month, supersedes (4-1-60).

ALLHANDS, JESSIE V., Instructor in Mathematics, March 1-August 31, 1960, to render service during the second semester of the academic year, $450 a month (3-24-60).
<table>
<thead>
<tr>
<th>Name</th>
<th>Position and Department</th>
<th>Term</th>
<th>Salary Information</th>
<th>Start Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCILLA, Rene A.</td>
<td>Clinical Assistant Professor of Pediatrics (Medicine)</td>
<td>one year from September 1, 1960, without salary</td>
<td>$233.33 a month</td>
<td>3-26-60</td>
</tr>
<tr>
<td>ASDOURIAN, David</td>
<td>Research Assistant Professor of Psychology, 3/4 time</td>
<td>February 1-June 15, 1960</td>
<td>$233.33 a month</td>
<td>3-8-60</td>
</tr>
<tr>
<td>ATHINOS, Emil</td>
<td>Research Assistant in Biological Chemistry (Medicine), March 15-August 31, 1960</td>
<td>$366.66 a month</td>
<td>3-30-60</td>
<td></td>
</tr>
<tr>
<td>BABCOCK, Murray L.</td>
<td>Research Assistant Professor of Electrical Engineering</td>
<td>six months from March 1, 1960, $666.67 a month</td>
<td>supersedes</td>
<td>4-6-60</td>
</tr>
<tr>
<td>BAILAR, Mrs. Florence L.</td>
<td>Instructor in Mathematics, 8/100 time</td>
<td>March 1-August 31, 1960</td>
<td>to render service during the second semester of the academic year, $4500 a year</td>
<td>3-24-60</td>
</tr>
<tr>
<td>BAKER, Robert J.</td>
<td>Clinical Instructor in Surgery (Medicine), six months from March 1, 1960, without salary</td>
<td></td>
<td></td>
<td>3-24-60</td>
</tr>
<tr>
<td>BATEMAN, Paul T.</td>
<td>Professor of Mathematics, two months from July 1, 1960</td>
<td>$2444.44; this is in addition to his present appointment</td>
<td>3-31-60</td>
<td></td>
</tr>
<tr>
<td>BEAN, Calvert, Jr.</td>
<td>Instructor in Music, 3/4 time</td>
<td>to render service during the second semester of the academic year, March 1-August 31, 1960</td>
<td>$3700 a year</td>
<td>3-7-60</td>
</tr>
<tr>
<td>BLACK, Sidney</td>
<td>Clinical Assistant Professor of Surgery (Medicine), 3/4 time</td>
<td>six months from March 1, 1960, $2350 a year</td>
<td>supersedes</td>
<td>3-24-60</td>
</tr>
<tr>
<td>BLANCHARD, Woodrow W.</td>
<td>Research Assistant in Microbiology</td>
<td>March 1-June 15, 1960</td>
<td>3/4 time, $183.33 a month; and June 16-August 31, 1960, full time, $366.67 a month</td>
<td>3-18-60</td>
</tr>
<tr>
<td>BLYTH, Colin R.</td>
<td>Professor of Mathematics, two months from July 1, 1960</td>
<td>$2444.44; this is in addition to his present appointment</td>
<td>4-6-60</td>
<td></td>
</tr>
<tr>
<td>BOYLE, Thomas E.</td>
<td>Assistant in English, February 1-June 15, 1960</td>
<td>$400 a month</td>
<td>supersedes</td>
<td>3-7-60</td>
</tr>
<tr>
<td>BURKOLDER, Donald L.</td>
<td>Assistant Professor of Mathematics, two months from July 1, 1960, $1777.76; this is in addition to his present appointment</td>
<td>4-6-60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHAN, Won Choon</td>
<td>Research Assistant in Medicine (Medicine), one year from July 1, 1960</td>
<td>$1650</td>
<td>4-6-60</td>
<td></td>
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<tr>
<td>CORRELL, Noble O., Jr.</td>
<td>Clinical Instructor in Surgery (Medicine), 15/100 time</td>
<td>six months from March 1, 1960, $1200 a year</td>
<td>supersedes</td>
<td>3-24-60</td>
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<tr>
<td>COURSON, Roger L.</td>
<td>Instructor in Vocational Agriculture Service (C), one year from September 1, 1960</td>
<td>$8200</td>
<td>3-25-60</td>
<td></td>
</tr>
<tr>
<td>DILLMAN, Phillip</td>
<td>Assistant in English, February 1-June 15, 1960</td>
<td>$400 a month</td>
<td>supersedes</td>
<td>3-8-60</td>
</tr>
<tr>
<td>DUVER, MRS. Sharon L.</td>
<td>Assistant in Veterinary Pathology and Hygiene, five months from April 1, 1960</td>
<td>$366.67 a month</td>
<td>3-24-60</td>
<td></td>
</tr>
<tr>
<td>DONOVAN, Cecil V.</td>
<td>Professor of Art, and Director of the Krannert Art Museum, two months from June 20, 1960, $2889; this is in addition to his present appointment</td>
<td></td>
<td>4-6-60</td>
<td></td>
</tr>
<tr>
<td>EDMONDSON, John L.</td>
<td>Clinical Instructor in Surgery (Medicine), 3/4 time</td>
<td>six months from March 1, 1960, $1500 a year</td>
<td>supersedes</td>
<td>3-24-60</td>
</tr>
<tr>
<td>EICHHOZ, Alexander</td>
<td>Research Assistant in Biological Chemistry (Medicine), March 14-August 31, 1960, $366.67 a month</td>
<td>supersedes</td>
<td>3-24-60</td>
<td></td>
</tr>
<tr>
<td>EISEN, Nathaniel H.</td>
<td>Assistant Professor of Psychology, 3/4 time</td>
<td>March 1-August 31, 1960, to render service during the second semester of the academic year</td>
<td>$4000 a year</td>
<td>3-17-60</td>
</tr>
<tr>
<td>FLERCHINGER, Francis H.</td>
<td>Assistant Director-System and Program Development in the Statistical Service Unit (Provost's Office), five months from April 1, 1960, $9700 a year</td>
<td>supersedes</td>
<td>4-6-60</td>
<td></td>
</tr>
<tr>
<td>FLYNN, Colin P.</td>
<td>Research Associate in Physics (C), one year from September 1, 1960, $7000 (4-6-60)</td>
<td></td>
<td>4-6-60</td>
<td></td>
</tr>
<tr>
<td>GILLESPIE, Eleanor E.</td>
<td>Assistant in English, February 1-June 15, 1960</td>
<td>$400 a month</td>
<td>3-7-60</td>
<td></td>
</tr>
<tr>
<td>GOLD, Albert</td>
<td>Research Associate in Physics (C), one year from September 1, 1960, $7000</td>
<td></td>
<td>3-25-60</td>
<td></td>
</tr>
</tbody>
</table>
HAASE, GERHARD H., Clinical Assistant in Medicine (Medicine), six months from March 1, 1960, without salary (4-6-60).

HILL, DIETRICH A., Assistant in English, February 1-June 15, 1960, $400 a month (3-7-60).

HILL, ROBERT E., Assistant Professor in the Graduate School of Business Administration, two months from June 16, 1960, $1650; this is in addition to his present appointment (3-10-60).

HOWARD, FRANCIS M., Clinical Instructor in Orthopaedic Surgery (Medicine), 35/100 time, ten months from March 1, 1960, $233.33 a month, supersedes (3-24-60).

HUFFORD, LYLE E., Research Assistant in Psychology, February 11-June 15, 1960, $400 a month, supersedes (3-4-60).

JACKSON, JAMES J., Research Assistant in Physics (C), two months from March 1, 1960, $600 a month (3-7-60).

JOHN, KARL O., Research Associate in Chemistry, one year from April 16, 1960, $6600 (3-25-60).

JOHNSON, A. BEAUMONT, III, Clinical Associate in Neurological Surgery, Department of Neurology and Neurological Surgery (Medicine), 1/4 time, six months from March 1, 1960, $150 a month, supersedes (3-24-60).


KHANNA, SHANTI S., Research Assistant in Agronomy (S), March 15-August 31, 1960, $383.33 a month (3-30-60).

KINDELSPENCER, RONALD, Research Assistant in Pedodontics (Dentistry), six months from March 1, 1960, $4800 a year, supersedes (3-17-60).

KOKKOTAKIS, NICK A., Research Assistant in Physics (C), three months from June 1, 1960, $240 a month (3-18-60).

LEIBY, CLARE C., Research Assistant in Electrical Engineering (S), March 1-August 31, 1960, $9000 a year, supersedes (3-24-60).

LENDRUM, BESSIE L., Clinical Assistant Professor of Pediatrics (Medicine), eight months from January 1, 1960, without salary (3-7-60).

LEVY, LUCRETIA, Instructor in Mathematics, 1/2 time, March 1-August 31, 1960, to render service during the second semester of the academic year, $3000 a year (3-24-60).

LUTZ, RICHARD W., Research Assistant in the Illinois State Natural History Survey, four months from April 1, 1960, $400 a month (3-21-60).

MARONEY, DORIS M., Research Assistant in Ceramic Engineering (S), six months from March 1, 1960, $5280 a year, supersedes (3-10-60).

MEUX, MILTON O., Research Assistant Professor in the Bureau of Educational Research, seven months from February 1, 1960, $7600 a year, supersedes (3-1-60).

MILLER, RAYMOND E., Visiting Assistant Professor in the Digital Computer Laboratory, September 16, 1960-January 31, 1961, without salary (3-4-60).

NAKANISHI, MASAKI, Research Associate in Chemistry, one year from September 1, 1960, $5500 (3-26-60).

NEILSON, NANCY V., Spectroscopist in Chemistry, five months from April 1, 1960, $391.67 a month (4-6-60).

NOGAMI, YUKIHIRO, Research Associate in Physics (C), September 16, 1960-August 31, 1961, $7000 a year (4-6-60).

NORDSIECK, ARNOLD T., Research Professor in the Coordinated Science Laboratory (C), 3/4 time, for two months from June 16, 1960, $1460 a month; this is in addition to his present appointment (3-17-60).

OSBORN, HOWARD, Assistant Professor of Mathematics, two months from July 1, 1960, $1777.76; this is in addition to his present appointment (3-31-60).

PARDUE, H. L., Research Assistant in Chemistry, two months from June 16, 1960, $800 (3-18-60).

PAUL, JEROME T., Clinical Associate Professor of Medicine (Medicine), indefinite tenure beginning September 1, 1960, without salary, supersedes (4-6-60).

PERLMUTTER, SHIRLEY A., Instructor in Occupational Therapy (Medicine), six months from March 1, 1960, $5600 a year, supersedes (3-17-60).
PUFF, ROBERT D., Research Associate in Physics (C), one year from September 1, 1960, $7800 (4-6-60).

RANKE, EUGENE J., Clinical Assistant Professor of Medicine (Medicine), one year from September 1, 1960, without salary, supersedes (4-6-60).

REINER, IRMA, Assistant Professor of Mathematics, ½ time, March 1-August 31, 1960, to render service during the second semester of the academic year, $3500 a year (3-24-60).

ROBERTS, DONALD M., Assistant Professor of Mathematics, two months from July 1, 1960, $1444.44; this is in addition to his present appointment (4-6-60).

ROSENBERG, HENRY, Assistant Professor of Radiology (Dentistry), ½ time, April 1-August 31, 1961, $5400 a year, supersedes (3-24-60).

SALOOGA, FREDERICK W., Lecturer in Architecture, four months from February 1, 1960, $5500 (3-7-60).

SALOMON, LUIS, Clinical Instructor in Physical Medicine and Rehabilitation (Medicine), five months from April 1, 1960, without salary (4-6-60).

SCHNEEWIND, JOHN H., Associate Professor of Surgery (Medicine), ½ time, indefinite tenure beginning February 1, 1960, $6150 a year, and Chief of Emergency Service (Research and Educational Hospitals), February 1, 1960-August 31, 1961, supersedes (2-20-60).

SEIDEN, ESTHER, Visiting Assistant Professor of Mathematics, ½ time, June 20-August 13, 1960, $666.66 (4-6-60).

SHAFER, SID J., Clinical Assistant Professor of Orthopaedic Surgery (Medicine), and Orthopaedist in the Respiratory Center, 15/100 time, two months from July 1, 1960, $110 a month (3-24-60).

SHARAF, HUSSAIN A., Research Associate in Accountancy, February 1-June 15, 1960, to render service during the second semester of the academic year, $500 a month, supersedes (3-14-60).

SHIMOMURA, KENJI, Research Associate in Chemistry, one year from September 1, 1960, $5500 (3-18-60).

SUZUKI, MICHIRO, Professor of Mathematics, two months from July 1, 1960, $2222.22; this is in addition to his present appointment (3-31-60).

TEXTOR, CHARLES S., II, Clinical Assistant Professor of Neurology and Neurological Surgery (Medicine), six months from March 1, 1960, $100 a month, supersedes his nonsalaried appointment (4-6-60).

TOREN, E. C., Research Assistant in Chemistry, one month from June 16, 1960, $300 (3-18-60).

VOLPP, LOUIS D., Assistant Professor in the Graduate School of Business Administration, ½ time, two months from June 16, 1960, $825; this is in addition to his present appointment (3-10-60).

WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and Illinois State Natural History Survey), March 15-August 31, 1960, $400 a month, supersedes (3-18-60).

WITSEN, ERNEST A., Research Assistant in Surgery (Medicine), February 15-August 31, 1960, $4800 a year, supersedes (3-7-60).

WIJSMAN, ROBERT A., Assistant Professor of Mathematics, two months from July 1, 1960, $1777.75; this is in addition to his present appointment (4-6-60).

WILF, HERBERT, Assistant Professor of Mathematics, two months from July 1, 1960, $1444.44; this is in addition to his present appointment (3-31-60).

GRADUATE FELLOWS

(The following appointments were made by the Dean of the Graduate College on the date indicated in parentheses.)

BAGGERLY, LAWRENCE A., Northern Illinois Gas Company Fellow in Business Administration, February 1-June 15, 1960, $500 (3-9-60).

BEULIGMANN, RAYMOND F., Engineering Faculty Development Teaching Fellow in Electrical Engineering, seven months from February 1, 1960, $1107, supercedes and is in addition to his appointment as Instructor in Electrical Engineering (C), on ½ time (3-11-60).

DALTON, CARL O., Mathematics Institute Fellow in Mathematics, March 1-August 31, 1960, $2200.05, supercedes (3-30-60).

HUBER, WILLIAM G., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, seven months from February 1, 1960, $3325; and for five months from September 1, 1960, $2375 (3-3-60).
LIPEERT, HENRY T., United States Health, Education, and Welfare Fellow (Trainee) in Education, February 1-June 15, 1960, $1400 (3-3-60).
SIMMONS, RONALD E., Eastman Kodak Company Fellow in Economics, two months from June 16, 1960, $500 (3-18-60).
STEINMETZ, DONALD K., United States Health, Education, and Welfare Fellow (Trainee) in Education, February 1-April 8, 1960, $500 (3-3-60).
WOLFE, JAMES E., United States Health, Education, and Welfare Fellow (Trainee) in Education, February 1-April 8, 1960, $500 (3-3-60).

RESIGNATIONS

ADOLPH, ROBERT J., Assistant Professor of Medicine (Medicine) — resignation effective July 1, 1960.
AUSTIN, WALTER J., Associate Professor of Civil Engineering — resignation effective September 1, 1960.
BOEGEHOLD, ALAN L., Assistant Professor of the Classics — resignation effective September 1, 1960.
CRYDER, ROBERT W., Law Library Assistant, with rank of Instructor, in the Library — resignation effective July 1, 1960.
DE YOUNG, CHARLES D., Circulation Librarian and Assistant Professor of the Institute of Government and Public Affairs — resignation effective September 1, 1960.
GOLLAKOTA, KRISHNAMURTY, Research Assistant Professor of Microbiology — resignation effective April 1, 1960.
HART, MRS. EMILY S., Research Assistant in Chemistry — resignation effective April 1, 1960.
HEGARTY, JOHN F., Pharmacy Resident in Hospital Pharmacy (Pharmacy) — resignation effective April 1, 1960.
HENDRICKSON, HERMAN, United States Public Health Service Fellow in Chemistry — resignation effective February 1, 1960.
HOLZBERG, DONALD J., United States Public Health Service Fellow (Trainee) in Ophthalmology (Chicago Professional Colleges) — resignation effective June 1, 1960.
KARKAZIS, LAMBROS, Assistant in Ophthalmology (Medicine) — resignation effective January 1, 1960.
KLAIN, GEORGE, Assistant in Animal Science — resignation effective March 26, 1960.
LINARI, MARION R., Fellow in Psychology — resignation effective February 1, 1960.
LOWE, JOHN A., Research Assistant in Agricultural Entomology (Agricultural Experiment Station and Illinois State Natural History Survey) — resignation effective March 15, 1960.
MAMEESH, MOSTAFA S., Research Associate in Animal Nutrition, in the Department of Animal Science — resignation effective May 1, 1960.
MANN, MRS. MARY E., Research Assistant in Agricultural Entomology (Graduate College and Illinois State Natural History Survey) — resignation effective April 12, 1960.
MASON, BRUCE B., Research Assistant Professor in the Institute of Government and Public Affairs — resignation effective September 1, 1960.
MOYAR, MRS. RUTH J., Engineering Library Assistant — resignation effective September 1, 1960.
MUNROE, M. EVANS, Associate Professor of Mathematics — resignation effective March 1, 1959.
PEACOCK, R. NORMAN, Research Assistant Professor of Physics — resignation effective May 1, 1960.
SCHOESSLING, MRS. BERNADETTE S., Assistant Reference Librarian in Library Administration (Chicago Undergraduate Division) — resignation effective July 1, 1960.
SHEAGREN, JOHN W., Physician in the Health Service and Instructor in Medicine (Chicago Professional Colleges) — resignation effective April 1, 1960.
Sheppard, Alan J., Assistant in Animal Science—resignation effective April 1, 1960.
Tang, Tao Nan, Instructor in Electrical Engineering—resignation effective March 1, 1960.
Thabet, Samir Khalil, Research Associate in Chemistry—resignation effective April 1, 1960.
Thomas, Richard M., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine)—resignation effective April 2, 1960.
Thurston, Eleanor J., Instructor in Occupational Therapy (Medicine)—resignation effective April 18, 1960.
Triplehorn, Mrs. Julia H., Reference Assistant in the Library—resignation effective September 1, 1960.
Warren, William D., Professor of Law—resignation effective September 1, 1960.

Leaves of Absence

Berdahl, Clarence A., Professor of Political Science—extension of leave of absence without pay for the year beginning September 1, 1960.
Gupta, Om Prakash, Assistant Professor of Applied Materials and Therapeutics, in the College of Dentistry—leave of absence, without pay, for two months from April 1, 1960.
Jobst, Valentine, Professor of Political Science—leave of absence, without pay, for the academic year beginning September 1, 1960.
Krause, Ralph M., Assistant Professor of Mathematics—leave of absence, without pay, for the academic year 1960-61.
Lidge, Ralph T., Clinical Assistant Professor of Orthopaedic Surgery, in the College of Medicine—leave of absence, without pay, for ten months from March 1, 1960.
Marwah, Amrit S., Instructor in Oral Pathology, in the College of Dentistry—extension of leave of absence, with pay, for two months from March 1, 1960.
Proehl, Paul O., Associate Professor of Law—leave of absence, without pay, from September 1, 1960, through February 28, 1961, so that he may serve as Visiting Professor of Law at the University of California at Los Angeles.
Ruina, Jack P., Professor of Electrical Engineering, and Research Professor in the Coordinated Science Laboratory, in the College of Engineering—extension of leave of absence, without pay, for one year from September 1, 1960.
Strehl, Joseph K., Massac County Farm Adviser—leave of absence, with full pay, for six months from February 13, 1960, or for as much of that period as may be necessary, on account of disability.
Terrill, Stanley W., Professor of Animal Science—leave of absence, with pay, from December 28, 1959, through February 29, 1960; and leave of absence, without pay, from March 1, 1960, and continuing until further notice, on account of disability.
Turner, Horace E., Clinical Assistant Professor of Orthopaedic Surgery, in the College of Medicine—leave of absence, without pay, for six months from March 1, 1960, so that he may act as Secretary-General of the International College of Surgeons until they can appoint someone else to that position.
Weinmann, Joseph P., Professor of Oral Pathology, Head of the Division, and Lecturer of Postgraduate Studies, in the College of Dentistry, and Professor of Pathology, in the College of Medicine—leave of absence, with full pay, for six months from March 1, 1960, on account of disability.

Library of International Relations

Dean Royden Dangerfield, Associate Provost, reported that negotiations with the Board of Trustees of the Library of International Relations for the acquisition of that Library by the University of Illinois were proceeding but have not been consummated. It has been made
clear to the Board of Trustees of the Library of International Relations that this University is very desirous of acquiring the Library and it is hoped that a satisfactory agreement can be concluded.

MAY AND JUNE MEETINGS
President Williamson called attention to the action of the Board of Trustees at a previous meeting to hold its May meeting in Urbana, on Tuesday, May 17, 1960, and asked if the Board wished to fix the date of the June meeting.

On motion of Mr. Johnston, the Board voted to hold its June meeting on Tuesday, June 14, 1960, in Urbana, Illinois, the hour and place to be determined by the President and Secretary of the Board.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President
The May meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, May 17, 1960, beginning at 2:00 p.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. George T. Wilkins, Mr. Kenney E. Williamson. Mr. Wirt Herrick and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveney of the Chicago Undergraduate Division, Dean Lyle H. Lanier of the College of Liberal Arts and Sciences and Provost-Elect, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Vernon L. Kretschmer, Director of Auxiliary Services, Mr. Joseph S. Begando, Assistant to the President; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.
MEETINGS OF COMMITTEES

A meeting of the Board’s Finance Committee was held in the Illini Union Building, on Monday, May 16, beginning at 8:00 p.m., and meetings of the Committees on General Policy and Buildings and Grounds were held on Tuesday, May 17, in the forenoon, beginning at 9:30 and 11:00 a.m.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on December 16, 1959, and January 20, 1960, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Watkins, these minutes were approved as printed on pages 1091 to 1160, inclusive.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

APPOINTMENTS TO THE FACULTY

(1) The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. Arthur E. Barker, Professor of English, beginning February 1, 1961, at an annual salary of $16,000 (A).
2. John Jay Bateman, Assistant Professor of Classics, beginning September 1, 1960, at an annual salary of $7,500 (B).
3. John L. Britton, Visiting Assistant Professor of Mathematics, for one year beginning September 1, 1960, at a salary of $7,500 (D).
4. Jack M. Crannell, Assistant Manager, WILL-TV, with rank of Assistant Professor, in the Division of University Broadcasting, on one-half time, and in the Office of Instructional Television, on one-half time, beginning June 1, 1960, at an annual salary of $9,600 (DY).
5. Frederik W. de Wette, Research Assistant Professor of Physics, beginning May 16, 1960, at an annual salary of $8,400 (DY).
6. Robert E. Gallagher, Assistant Professor of English, in the Division of Humanities, Chicago Undergraduate Division, beginning September 1, 1960, at an annual salary of $6,600 (B).
7. Howard J. Gamble, Visiting Associate Professor of Anatomy, in the College of Medicine, for one year from September 1, 1960, at a salary of $12,000 (DY).
8. Jerry Hirsch, Associate Professor of Psychology, beginning July 1, 1960, at an annual salary of $8,500 (on leave of absence without pay from July 1, 1960, to February 1, 1961) (A).
9. Donnell R. Hunt, Associate Professor of Agricultural Engineering, beginning September 1, 1960, at an annual salary of $10,500 (AY).
10. Wilton N. Melhorn, Visiting Associate Professor of Geology, for ten months from September 1, 1960, at a salary of $8,150 (G).
11. Stephen L. Sherwood, Clinical Associate Professor of Neurophysiology, in the Department of Psychiatry, College of Medicine, beginning April 1, 1966, without salary (AY).
12. Joseph Simon, Professor of Veterinary Pathology and Hygiene, in the College of Veterinary Medicine, and of Veterinary Research, in the Agricultural Experiment Station, for two years from May 1, 1960, at an annual salary of $12,000 (FY).
13. Harry J. Skornia, Associate Professor of Radio and Television, in the College of Journalism and Communications, beginning September 1, 1960, at an annual salary of $12,300 (A).
14. Herbert Stern, Professor of Botany, for one month beginning August 1, 1960, at a salary of $1,166.67; and for the academic year beginning September 1, 1960, at a salary of $10,500.
15. **Noboru Sueoka**, Assistant Professor of Microbiology, in the Graduate College, beginning September 1, 1960, at an annual salary of $8,500 (B).


17. **Morton W. Weir**, Assistant Professor of Psychology, beginning September 1, 1960, at an annual salary of $6,300 (B).

### Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to a supervisory position of upper level responsibility.

1. **Edwin E. Atwood**, Site Planner, Physical Plant-Site Planning Office, beginning April 1, 1960, at an annual salary of $10,000.

2. **Roy W. Dart**, Assistant to Director of Health Services, beginning March 28, 1960, at an annual salary of $5,700.

3. **Floyd E. Davis**, Produce Supervisor, Residence Halls, beginning April 6, 1960, at an annual salary of $5,700.

4. **Bud J. Meador**, Assistant Director of Statistical Service Unit, beginning April 1, 1960, at an annual salary of $8,200.


On motion of Mr. Swain, these appointments were confirmed.

### Sabbatical Leaves of Absence, 1960-61

(2) I recommend that the following members of the staff be given sabbatical leaves of absence during the academic year 1960-61 in accordance with the provisions of the University of Illinois Statutes and on the terms and for the period indicated. This is supplemental to the lists of applications recommended to the Board of Trustees at the meetings on March 16 and April 20, 1960.

#### College of Agriculture

H. H. Draper, Assistant Professor of Animal Nutrition, second semester, full pay; for research on biological function and metabolism of Vitamin E; work to be done at the University of Liverpool where significant discoveries in this field of research have been made in recent years.

Cleo A. Hall, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension, one year beginning October 1, 1960, one-half pay; for professional improvement in the area of supervision and administration of state and county programs in home economics. (These are not studies for an advanced degree.)

Jane E. Werden, Associate Professor of Home Economics, one year, beginning September 1, 1960, one-half pay; for studies in the fields of sociology, cultural anthropology, and psychology, for professional improvement and for relating these studies to her field of teaching and research in home economics. (These are not studies for an advanced degree; Miss Werden already has a Ph.D. degree.)

#### Chicago Undergraduate Division

Irwin K. Feinstein, Associate Professor of Mathematics Education, second semester, full pay; for studies of the impact of modern mathematics on the curriculum of the elementary school and the educational methods and techniques employed and the learning situation encountered by pupils and teachers alike.

On motion of Mr. Clement, these leaves were granted, as recommended.

### Honorary Degrees

(3) The Urbana-Champaign Senate on April 11, 1960, voted to recommend that honorary degrees be conferred as follows:

Edward Abelbert Doisy, Distinguished Service Professor of Biochemistry and Director of the Edward A. Doisy Department of Biochemistry, School of Medicine, St. Louis University — Doctor of Science.
VINCENT DU VIGNEAUD, Professor and Head of the Department of Biochemistry of Cornell University Medical College—Doctor of Science.
JAMES R. KILLIAN, JR., Chairman of the Corporation, Massachusetts Institute of Technology—Doctor of Engineering.

These degrees will be conferred at the Commencement Exercises in Urbana on June 18, 1960, or at some other appropriate convocation in case any of the recipients is unable to be present at the June Commencement.

The presentations made to the Urbana-Champaign Senate in support of the nominations of the candidates are submitted herewith, and copies are being filed with the Secretary of the Board.

On motion of Mr. Hughes, the President of the University was authorized to confer these degrees, as recommended.

AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

The Committee on Accountancy recommends that the certificate of Certified Public Accountant be awarded, under Section 5 of the Accountancy Act of 1943 as amended, to the following candidates who have presented evidence that they are holders of valid and unrevoked Certified Public Accountant certificates obtained by passing a standard written examination in another state or territory of the United States and who qualify in all other respects under this provision of the law:

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>State from Which They Obtained Certificates</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROBERT PAUL BEHLING</td>
<td>Chicago</td>
<td>Kansas</td>
</tr>
<tr>
<td>JAMES HOWARD BUCHER</td>
<td>Sikeston, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>EDWARD RAYMOND DEPPMAN</td>
<td>Chicago</td>
<td>Washington</td>
</tr>
<tr>
<td>ELMER WILLIAM ETLING, JR.</td>
<td>Belleville</td>
<td>Missouri</td>
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<tr>
<td>HENRY JOHN LUNNEMANN</td>
<td>St. Louis, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>WILLIAM ALTON McCANN</td>
<td>Sikeston, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>LEO WALTER PIETRACK</td>
<td>Gary, Indiana</td>
<td>Indiana</td>
</tr>
<tr>
<td>LEWIS WILLIAM SEIDMAN</td>
<td>Ada, Michigan</td>
<td>Michigan</td>
</tr>
<tr>
<td>EARL EUGENE SODER</td>
<td>Downers Grove</td>
<td>Iowa</td>
</tr>
<tr>
<td>JACK GERARD WAHLIG</td>
<td>Dubuque, Iowa</td>
<td>Iowa</td>
</tr>
</tbody>
</table>

I concur.

On motion of Mr. Johnston, these certificates were awarded.

UNDERGRADUATE SCHOLARSHIPS FOR JUNIOR COLLEGE GRADUATES

The Committee on Fees recommends authorization of seventy-five tuition-waiver scholarships for graduates of junior colleges in Illinois to be awarded on the basis of superior scholarship and financial need.

At present, graduates of junior colleges transferring to the University of Illinois are not eligible for some of the tuition-waiver scholarships, such as the County Scholarships, available to high school graduates. The Board of Trustees has recently authorized the award of tuition-waiver undergraduate scholarships to high school seniors who rank the highest in the County Scholarships examinations but who are technically ineligible for such scholarships because they have had work in high school at the college level. The present proposal would encourage the junior college movement and would improve relationships between the University and these colleges.

It is recommended that these scholarship awards be on a continuing basis, effective September, 1960, that they provide exemption from payment of tuition fees only, and that each scholarship shall be for a period of two years.

On motion of Mr. Wilkins, these scholarships were authorized, as recommended.

GRADUATE PROGRAM IN RUSSIAN LANGUAGE AND AREA STUDIES

The Urbana-Champaign Senate recommends establishment of graduate minors in Russian Language and Area Studies as follows:

Minor for the Master's Degree. A candidate for the master's degree who elects Russian Language and Area Studies as a minor must earn at least two units
of graduate credit in specified courses chosen from anthropology, economics, geography, history, political science, and Russian. The courses chosen must be in at least two departments.

Minor for the Ph.D. Degree. A doctoral candidate who elects Russian Language and Area Studies as a minor must demonstrate a reading command of Russian as tested by examination or by completion of Russian 401 with a grade of "A" or "B," and in addition must earn at least four units of graduate credit in courses chosen from the list given just above. The four units must be distributed among at least two departments, not including the department offering the candidate's major.

This program has been approved by the Executive Committee of the Graduate College.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

I recommend approval.

On motion of Mr. Harewood, this recommendation was approved.

GRADUATE PROGRAM IN CHEMICAL PHYSICS

(7) The Urbana-Champaign Senate recommends authorization of a graduate program leading to the degree of Doctor of Philosophy in Chemical Physics. This program has been approved by the Executive Committee of the Graduate College. Its objective is to make it possible for students to gain the necessary background for original research in the interdisciplinary field of chemistry, physics, and mathematics.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

There is submitted herewith a statement giving the requirements for admission and for the degree, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mrs. Watkins, this recommendation was approved.

CHANGE IN REQUIREMENTS FOR TEACHERS OF VOCATIONAL AGRICULTURE

(8) The Urbana-Champaign Senate recommends approval of minors in general science and biology for teachers of vocational agriculture, which are necessary for teachers of vocational agriculture to obtain certification as teachers of general science or biology, under the law requiring twenty-four hours for a minor in these areas which will become effective in 1961. These changes have been approved by the Committee on Preparation of Secondary Teachers of Vocational Agriculture, the Committee on the Preparation of Secondary Teachers of Science, and the Council on Teacher Education.

The Senate Coordinating Council indicates that no other Senate jurisdiction is involved.

Submitted herewith are the details of these new requirements, a copy of which is being filed with the Secretary of the Board for record.

I recommend approval.

On motion of Mr. Hughes, this recommendation was approved.

SUMMER SPEECH CLINIC WORK BY DIVISION OF SERVICES FOR CRIPPLED CHILDREN

(9) The Division of Services for Crippled Children has been supporting summer speech clinics in cooperation with higher educational institutions in several areas of the state. The patients are children who can not be given the necessary care in their communities and those selected represent some of the most complex speech rehabilitation problems and are cases afflicted with cerebral palsy, cleft palate, severe hearing loss, and aphasia. They are eligible for treatment under the program of the Division and are in need of speech treatment as an integral part of the complete medical care program. Cooperating institutions contribute their facilities and staff.
It is recommended that during the summer of 1960 speech clinics be authorized in the following institutions on a reimbursable cost basis, estimated as follows:

Rockford College, Rockford.......................... $26,076.75
Augustana College, Rock Island.......................... $8,892.50
Northern Illinois University, DeKalb.......................... $8,675.20
Southern Illinois University, Carbondale.......................... $8,820.00
Illinois State Normal University, Normal.......................... $10,823.00

$63,287.45

A similar clinic will be conducted at the University of Illinois at Urbana at an estimated cost of.......................... 15,119.00

Funds are available in the budget of the Division of Services for Crippled Children.

The Director of the Division of Services for Crippled Children, the Vice-President in charge of the Chicago Professional Colleges, and the Vice-President and Comptroller join in this recommendation.

I concur.

On motion of Mr. Johnston, this recommendation was approved.

CLINICAL RESEARCH CENTER IN THE RESEARCH AND EDUCATIONAL HOSPITALS

(10) The Department of Medicine in the College of Medicine has prepared a proposal to the National Institutes of Health, United States Department of Health, Education, and Welfare, for the establishment of a Clinical Research Center on the eighth floor of the Research and Educational Hospitals. The proposal includes an application for funds amounting to $489,294 for the first year, $305,592 for the second year, $310,814 for the third year, $316,296 for the fourth year, and $322,055 for the fifth year.

The budget for the first year includes $238,583 for renovation and major equipment, $50,104 for operating expenses, and $200,607 for basic hospitalization expenses for patients admitted to the Center for study.

In order to meet a date deadline for the consideration of this application, it was submitted on April 26 with the approval of the Vice-President in charge of the Chicago Professional Colleges.

I recommend authorization of this application and acceptance of funds for the initiation of this project if approval is received from the National Institutes of Health.

On motion of Mrs. Watkins, this recommendation was approved.

ILLINI UNION SERVICE CHARGES

(11) The Committee on Fees recommends increases in service charges as follows: Illini Union Building, from $7.00 a semester to $10.00 a semester, and the Chicago Illini Union Building, from $3.50 a quarter to $5.00 a quarter.

These adjustments are necessary to cover the costs of general building operations. The Illini Union service charge was originally set at $5.00 in 1940 and was increased to $7.00 in 1951. Salaries and wages of Illini Union staff and operating costs of the building have, of course, been increasing. Rates in service activities have been adjusted in keeping with these increased costs but there is a deficit in general building operations which is supported solely by the student fee.

Submitted herewith is a communication from the Student Senate at Urbana requesting that the Board of Trustees carefully consider one or more of the following as alternatives to the proposed increase in the Illini Union Building service charge:

1. That the faculty should be assessed to help pay its proportionate part of the expense of the Union's operation, and/or
2. That the University compensate for its use by the faculty, the amount of the compensation to be equal to that paid in 1953 with adjustments for increased size of faculty and the inflation of the period, and/or
3. That all students of the University, including those on graduate fellowships and those carrying less than five academic hours, be assessed an appropriate fee for their use of the Union, and/or
4. That the University give the Union free use of its utilities (steam, water, and electricity) as is done in other Big Ten universities.
At the meeting of the Board on April 20 there was presented a petition signed by some 750 students supporting the resolution of the Student Senate. Also submitted is a reply to the Student Senate's request by the Vice-President and Comptroller. Copies of these documents are being filed with the Secretary of the Board for record.

The alternatives suggested in the Student Senate's proposal are plausible, and have been given due consideration, but are not feasible because:

All income from state tax funds and from student fees is fully budgeted for the current biennium. Any assignments from University funds to Illini Union Building operations would require additional income and this would mean an increase in the general tuition fee. The net result so far as the student is concerned would be the same.

While it may be argued that proposals 1 and 3 of the Student Senate—assessment of the faculty and requiring all students including those holding graduate fellowships to pay the Illini Union Building service charge—would not add to the expenses of the University, in both cases this would mean a change in basic contracts of appointment, which could be accomplished only by adjustments in the salaries and stipends.

In the preparation of the next biennial budget, consideration can be given to some of the alternatives recommended by the Student Senate.

I recommend approval of the changes in fees indicated.

On motion of Mr. Johnston, these changes in service charges were approved.

At this point Mr. Wilkins left the meeting.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

The Committee on Nonrecurring Appropriations recommends assignments of funds from the University's General Reserve, and from funds available in the state capital appropriations to the University for 1959-61 for remodeling, for the following:

1. College of Agriculture
   - Completion of space for instruction in food technology in the Horticulture Field Laboratory: $2,500.00
   - Classroom in Agricultural Engineering Building: 5,195.00

2. College of Engineering
   - Department of Physics, construction of a temporary building adjoining the Physics Research Laboratory site: 28,200.00
   - Department of Civil Engineering, purchase of a milling machine for use in graduate and structural research programs: 15,000.00

3. College of Liberal Arts and Sciences
   - Department of Botany, purchase of equipment: 18,325.00
   - Department of Chemistry and Chemical Engineering:
     - Completion of remodeling of physical chemistry laboratory: $65,000.00
     - Remodeling organic chemistry laboratory and equipment: 80,500.00

4. College of Fine and Applied Arts
   - Department of Architecture:
     - Eighty drafting tables and stools: $5,652.00
     - Twenty-four exhibition and judgment panels: 384.00
     - Furniture: 916.00
     - Shades for three rooms: 410.00
     - Speaker stands: 479.00
     - Slides: 3,200.00
   - Department of Art:
     - Furniture for drawing program: $3,460.00
     - Furniture for freshman program: 4,500.00
     - Storage facilities for sculpture: 2,000.00
     - Teaching equipment for painting and drawing programs: 8,000.00
     - Equipment for sculpture program: 13,800.00
     - Furniture for lounge: 5,000.00

Total: 143,500.00
Department of City Planning and Landscape Architecture:
Office furniture ........................................ $ 600 00
Calculator ................................................. 900 00
Mimeograph, dictating, and duplicating machines 1 175 00
Twenty drafting tables ................................... 1 300 00
Slides ................................................. 400 00
Remodeling in building at 1202 West California. 800 00 5 175 00
5. College of Physical Education
Remodeling in Huff Gymnasium for laboratory facilities for Health and Safety Education ........................................ 23 235 00
6. Chicago Professional Colleges
Remodeling for Department of Ophthalmology ............... 30 000 00
Conversion of College of Pharmacy classrooms into offices 10 000 00
Remodeling College of Medicine Research Laboratories .... 10 000 00
Remodeling Dental Clinic .................................. 16 500 00
7. Chicago Undergraduate Division
Remodeling lecture room to provide three classrooms .......... 13 000 00
8. Physical Plant
Relocation of the tennis courts at Fifth and Armory Streets to clear site for Institute of Labor and Industrial Relations building. 27 000 00
Relocation of Institute of Government and Public Affairs to provide site for Biology Building addition 27 500 00
Remodeling in Natural History Building to provide a teaching laboratory for botany .................................. 16 475 00
Remodeling building at 505 South Goodwin Avenue, Urbana ... 10 000 00
Partitioning rooms in Altgeld Hall, Davenport Hall, English Building, and Gregory Hall ................................ 40 800 00
Improvements in Architecture Building:
Remodeling to provide additional offices .................. $ 8 000 00
Remodeling to provide additional library space ........... 18 000 00
Remodeling classroom .................................. 1 150 00
Chalk boards for four rooms ................................ 1 795 00
Construction of partition and doors ......................... 1 970 00
Improvements in lighting .................................. 19 000 00 49 915 00
Improvements in David Kinley Hall:
Remodeling of rooms, partitioning of areas to provide additional offices; central lighting for the same ................. $23 000 00
Remodeling and equipment of rooms for Graduate School of Business Administration .... 6 200 00 29 200 00
Remodeling Commerce Annex into offices ................... 14 000 00
Partitioning, painting, and lighting in Sixth Street Building ... 4 430 00
Remodeling space in Gregory Hall vacated by National Association of Educational Broadcasters .......... 7 000 00
Changes in locker system in Men's Old Gymnasium .......... 30 000 00
Total .................................................................. $626 711 00
I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

APPLICATION TO THE FEDERAL COMMUNICATIONS COMMISSION
(13) In the operation of the Radio Astronomy Telescope, it is necessary to petition the Federal Communications Commission to amend or modify its rules and regulations to provide interference protection by restricting assignments of UHF television stations or any other type or class of station operating in the band of 608 to 614 megacycles.
It is desirable to retain a law firm in Washington, D.C., for the purpose of filing the petition and to follow through in the event adverse comments are received by the Commission and hearings are held. The law firm of Bingham, Collins,
Porter, and Kistler is recommended for this purpose. It is estimated that the cost of filing the petition will be a minimum of $250, and could be as high as $2,500 for professional services, plus the cost of transcripts and other out-of-pocket expenses. The final cost will depend upon whether hearings are held and the length of the hearings. The Department of Astronomy can pay the first $250 from its departmental indirect costs.

I recommend the adoption of the following resolution and the assignment of $2,500, or as much thereof as may be necessary, from general Indirect Costs funds accumulated from research contracts for legal services required.

Resolution of the Board of Trustees of the University of Illinois

WHEREAS, the University has undertaken the construction of a unique Radio Astronomy Telescope near Urbana, Illinois, which offers marked possibilities of providing a highly sensitive precision instrument at considerably lower cost than other instruments of comparable capabilities, and will contribute substantially to the scientific advancement of Radio Astronomy; and

WHEREAS, the Radio Astronomy Telescope now under construction has been designed for effective and efficient use at 611 megacycles ± 3 megacycles, or a required radio frequency band width of 6 megacycles extending from 608 megacycles to 614 megacycles; and

WHEREAS, this portion of the radio frequency spectrum is now allocated by the Federal Communications Commission to television broadcasting in the Ultra High Frequency Band and is designated by the Federal Communications Commission as UHF Television Channel No. 37; and

WHEREAS, this channel is unoccupied at this time by any television stations within the United States, except for an experimental station at Camden, N.J., licensed to the Radio Corporation of America; and

WHEREAS, the effective and efficient use of the Radio Telescope requires a high degree of protection from terrestrial radiations and it is, consequently, advisable to petition the Federal Communications Commission to afford such protection by reserving the radio frequency band 608-614 megacycles to radio astronomy on a nation-wide basis;

Therefore, Be It Resolved, that the President of the University, through such agents or officials as he may designate, is hereby empowered and authorized to retain the law firm of Bingham, Collins, Porter, and Kistler of Washington, D.C., to represent the University in the matter of filing and prosecuting a Petition before the Federal Communications Commission requesting that Agency to amend or modify its existing Rules and Regulations so as to provide protection to the University's Radio Telescope by ruling that no license shall be issued for a television station, or any other class or type of radio station, operating or proposing to operate within the radio frequency band 608-614 megacycles. Provided, however, that the fees to be charged by the said law firm shall, in the opinion of the President, be fair and reasonable.

On motion of Mr. Hughes, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

PURCHASE OF ELECTRIC POWER

Because of the freeze of state capital appropriations for 1959-61, a turbine generator scheduled for completion in 1961 can not be available prior to 1963. It is estimated that there will be a deficiency of 780 kilowatts of power in the summer of 1960, and over 2,300 kilowatts by the summer of 1962, so that it will be necessary to purchase power from the Illinois Power Company. The most economical arrangement is to purchase a 2,340 kilowatt block of power from a new substation in the vicinity of Florida Avenue and the Illinois Central Railroad.

To secure the lowest rates, it is necessary to contract for a minimum period of five years. Capital costs for this service will amount to $92,000, and the annual cost of power will be $33,000 greater than if the equivalent amount of power were generated at the Abbott Power Plant.

The Director of the Physical Plant and the Vice-President and Comptroller
recommend authorization of a contract with the Illinois Power Company for purchase of power, as indicated above, and subject to availability of funds; an increase of $33,000 in the operating budget of the Physical Plant and a non-recurring appropriation of $9,200 for the capital costs.

I concur.

On motion of Mr. Swain, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Herrick, Mr. Stratton, Mr. Wilkins.

DEAN WILLIAM V. LAMBERT
At this point President Henry presented Dean William V. Lambert of the University of Nebraska who has been appointed University of Illinois Adviser to the Vice-Chancellor of the Uttar Pradesh Agricultural University, Rudrapur, U.P., in India, who spoke briefly on the opportunities he envisages in this position.

**CONTRACT FOR CONSTRUCTION OF BUILDINGS FOR ANIMAL SCIENCE**

(15) The Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend authorization of the construction of two more buildings for the Agricultural Experiment Station's animal breeding and physiological research project at an estimated cost of $15,300 under the standing, cost-plus contracts authorized by the Board of Trustees for minor construction and remodeling work.

Funds are available in the grant of $200,000 received by the University from the Moorman Manufacturing Company, Quincy, for a special research project in animal breeding. Most of this money will be used to construct twenty-one buildings for the housing of experimental swine, sheep, and cattle for physiological research. These small agricultural buildings can be constructed from sketches prepared by the Department of Agricultural Engineering, thus saving the time and expense of preparing detailed drawings and specifications, and the facilities are being constructed as the experiment proceeds and according to the requirements of the research project and it is recommended that these buildings also be constructed under the cost-plus contracts in effect at the time a project is started.

The Board has authorized previous construction work for this project under the University's standing contracts which are awarded annually on the basis of competitive bids.

I concur.

On motion of Mr. Hughes, authority was given, as requested.

**CONTRACT FOR REPAIRING ILLINOIS SURGICAL INSTITUTE FOR CHILDREN BUILDING**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $5,220 to Wolfes-Jensen and Company, Inc., Chicago, the lowest bidder, for masonry repairs to the Illinois Surgical Institute for Children Building at 905 South Wolcott Street, Chicago, which is one of the units of the Research and Educational Hospitals.

The work will include removal of loose brick and cut stone, parapet walls and their replacement. Due to weathering, portions of the building have deteriorated, and the repairs are necessary not only to restore the building but to eliminate hazards of falling stone and brick.

Funds are available in the Physical Plant Department budget.

I concur.

On motion of Mrs. Watkins, this contract was awarded, as recommended.

**CONTRACT FOR LANDSCAPING AT CHICAGO PROFESSIONAL COLLEGES**

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $3,525 to Clauss Brothers, Inc., Chicago,
only bidder, for landscaping of the Laundry Building area at the Chicago Professional Colleges.

The work will consist of placing top soil, seeding, and planting of trees and shrubs, all to be provided by the contractor.

Funds are available in the Laundry Building construction account.

I concur.

On motion of Mr. Harewood, this contract was awarded, as recommended.

**ADDITION TO CONTRACT FOR LABORATORY EQUIPMENT AT CHICAGO PROFESSIONAL COLLEGES**

(18) The Business Manager of the Chicago Professional Colleges and the Vice-President and Comptroller recommend an increase of $8,386 in a $43,087.57 contract with the Kewaunee Manufacturing Company, Adrian, Michigan, for the fabrication and installation of laboratory equipment in the Medical Research Laboratory at the Chicago Professional Colleges.

The contract includes laboratory furniture and equipment for the virology laboratory. In this laboratory, dealing with contagious diseases, it is necessary to provide every precaution for the protection of personnel and to guard against the spread of contamination to other areas. There have been very recent developments, subsequent to the execution of the contract, in the design and fabrication of such equipment which provide greater safety factors. Accordingly, installation of six items of laboratory furniture and equipment for the virology laboratory has been held up until it could be ascertained if changes in the laboratory furniture could be made which would enable research workers to work with dangerous micro-organisms with a very high degree of safety to themselves and other personnel. The Kewaunee Manufacturing Company has offered to take the furniture back to its plant to make the necessary changes at an increase in contract indicated.

Three other leading manufacturers of laboratory equipment, two of whom bid on the original installation, were consulted to check the price quoted by Kewaunee. All three companies recommended that the work be done by the manufacturer of the original equipment, and that they would prefer not to bid on the revisions since this would result in a higher cost to the University, their estimates ranging from $12,000 up.

Funds are available in the construction account for the Medical Research Laboratory which includes a federal grant under the Medical Research Facilities Act.

I recommend approval.

On motion of Mr. Swain, this change in the contract was authorized.

**HOSPITAL-MEDICAL-SURGICAL INSURANCE FOR STUDENTS AND STAFF**

(19) On June 23, 1959, the Board of Trustees authorized contracts with the Federal Life Insurance Company, Chicago, for hospital-medical-surgical insurance for students and staff at Urbana and at the Chicago Undergraduate Division. The rates are guaranteed for a two-year period but the benefits were guaranteed for one year, 1959-60, subject to negotiation. In lieu of adjusting the benefits, the Company has proposed the following adjustment in premiums for 1960-61, leaving the benefits the same:

<table>
<thead>
<tr>
<th></th>
<th>Present</th>
<th>Increase</th>
<th>Proposed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student plan, Urbana, per semester</td>
<td>$7.18</td>
<td>$0.32</td>
<td>$7.50</td>
</tr>
<tr>
<td>Student plan, Chicago, per semester</td>
<td>$6.60</td>
<td>$0.15</td>
<td>$6.75</td>
</tr>
<tr>
<td>Staff plan, per year</td>
<td>$29.46</td>
<td>$2.79</td>
<td>$32.25</td>
</tr>
<tr>
<td>Employee</td>
<td>$56.50</td>
<td>$2.75</td>
<td>$59.25</td>
</tr>
<tr>
<td>Employee and one dependent</td>
<td>66.90</td>
<td>$2.35</td>
<td>69.25</td>
</tr>
</tbody>
</table>

The proposed rates are all substantially lower than those submitted by the second lowest bidder a year ago.

The only change in benefits proposed is the addition to both student plans
of accidental death and dismemberment benefits up to $3,000 in connection with loss incurred while off campus. Students are now required to purchase this coverage individually at a rate of 25 cents per day for all University field trips. This coverage will save students approximately $1,500 a semester and will relieve the faculty members in charge of field trips of the chore of checking on insurance coverage of all students concerned.

The increases in premiums are reasonable on the basis of the Company's experience this year, since the benefits paid by the Company thus far are running ahead of the premiums paid by the University. No changes will be necessary in the amounts charged to students or staff; the difference between the charges and the insurance premiums is still sufficient to cover administrative costs.

After consultation with student and faculty groups, the Vice-President in charge of the Chicago Professional Colleges recommends that students be required to participate in the student insurance plan and that the staff plan be made available to the Chicago Professional Colleges staff on a voluntary basis; and that a student fee of $6.00 per quarter be charged all students enrolled in the Chicago Professional Colleges. Students who have equivalent insurance coverage may secure exemption from the fee as at the other campuses. Optional coverage may be provided for a student's wife for an additional $9.00 per quarter and for children at an additional $6.00 per quarter each. Coverage during the summer quarter will be optional at the same rates.

The Company will add the Chicago Professional staff coverage at the same rate and provide the same benefits as the Urbana staff plan. The student plan will provide the same benefits as the Chicago Undergraduate Division plan, which are higher than the Urbana benefits. The premium will be $5.05 per quarter for a student, $7.31 additional for a spouse, and $5.21 for one or more children.

I concur.

On motion of Mr. Swain, these recommendations were approved.

**PURCHASES**

Purchases Authorized

(20) The following purchases were authorized by the Executive Committee of the Board of Trustees on recommendation of the Director of Purchases, the Vice-President and Comptroller, and with the concurrence of the President of the University.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two sets components of high frequency direction finder AN/GRD.101 consisting of: RF tuner and first mixer, IF amplifiers and second mixers, local oscillators, panels, monitor units, cables, servo amplifier, power supplies (remote and local), fine frequency indicator, spectrum generator, frequency meter amplifier, fine amplifier, and 400 cps transformer unit</td>
<td>Electrical Engineering</td>
<td>General Precision Industries Ltd., Montreal, P.Q., Canada</td>
<td>$41 801 20 f.o.b. Granby, P.Q., Canada</td>
</tr>
<tr>
<td>One laboratory unit for producing printed circuit boards—end to end construction</td>
<td>Electrical Engineering</td>
<td>Electralab Printed Engineering, Needham Heights, Mass.</td>
<td>$3 929 15 f.o.b. delivered</td>
</tr>
<tr>
<td>One spectrophotometer, infrared, recording, double monochromator, automatic recording spectra from 550 to 4000 cm⁻¹, with resolution 0.3 cm⁻¹; complete with accessories; less trade-in of obsolete and defective IR2A spectrophotometer</td>
<td>Food Technology</td>
<td>Beckman Instruments, Inc., Chicago</td>
<td>$14 428 00 f.o.b. delivered and installed</td>
</tr>
</tbody>
</table>

The following purchases were authorized by the President on the recommendation of the Director of Purchases and the Vice-President and Comptroller.

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labor and material to resurface six Library tennis courts</td>
<td>Physical Education for Men</td>
<td>Champaign Asphalt Co., Champaign</td>
<td>$6 600 00 f.o.b. job site</td>
</tr>
<tr>
<td>50 feet columbium rod ¾ in. o.d. ± 0.01</td>
<td>Theoretical and Applied Mechanics</td>
<td>Fansteel Metallurgical Corp., North Chicago</td>
<td>$3 406 98 f.o.b. delivered</td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were approved.
Purchases Recommended
The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest acceptable bid.

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One Antlab antenna model support tower system, complete, including: mast support tower with modified mast support arm, coaxial rotary joint and synchro system for azimuth and head; four-wheel cart; tower drive control system; three position indicators; two cable assemblies; and mast assembly including mast, torque tube, base, and head</td>
<td>Electrical Engineering</td>
<td>Antlab, Inc., Worthington, Ohio</td>
<td>$7,410.00 delivered</td>
</tr>
<tr>
<td>One Midwestern Instruments model 611 VT 140-channel direct recording oscillograph complete with timing lines, rack mount adapter, longitudinal grid lines, trace identification, positive step switch speed selector, 14 galvanometers, and 10 rolls 6 in. x 100 ft. paper</td>
<td>Electrical Engineering</td>
<td>Midwestern Instruments, Inc., Tulsa, Okla.</td>
<td>$6,354.00 delivered</td>
</tr>
<tr>
<td>Eighteen animal cages made to order</td>
<td>Electrical Engineering</td>
<td>Schroeder &amp; Sons Co., Kenwood</td>
<td>$5,776.78 delivered</td>
</tr>
<tr>
<td>One glass-blowing lathe complete with motor and controls</td>
<td>Coordinated Science Laboratory</td>
<td>Litton Engineering Laboratories, Grass Valley, Calif.</td>
<td>$3,816.55 delivered</td>
</tr>
<tr>
<td>Three lapped balanced balls</td>
<td>Coordinated Science Laboratory</td>
<td>Professional Instruments Co., Minneapolis, Minn.</td>
<td>$9,000.00 delivered</td>
</tr>
<tr>
<td>One model 1108 Heiland direct recording visicorder oscillograph 24 channels, DC to 5000 cps.</td>
<td>Electrical Engineering</td>
<td>Minneapolis-Honeywell Regulator Co., Peoria</td>
<td>$5,716.25 delivered</td>
</tr>
<tr>
<td>Two model M-1000 galvanometers</td>
<td>Electrical Engineering</td>
<td>Lechiner Manufacturing Co., Champaign</td>
<td>$7,000.00 delivered</td>
</tr>
<tr>
<td>One model M-3100 galvanometer</td>
<td>Electrical Engineering</td>
<td>Hanson, Collins, &amp; Rice, Springfield</td>
<td>$5,000.00 delivered</td>
</tr>
<tr>
<td>1000 hours of engineering services to redesign electronic systems used in neurosurgical surgery</td>
<td>Electrical Engineering</td>
<td>Food Technology</td>
<td>$7,427.00 delivered</td>
</tr>
<tr>
<td>Additional consulting engineering services, general and detailed supervision and inspection of the work performed by the sub-contractor in connection with construction of facilities for the radio telescope project</td>
<td>Electrical Engineering</td>
<td>Food Technology</td>
<td>$7,915.00 delivered</td>
</tr>
<tr>
<td>One homogenizer and accessories, with operating capacity of 80 to 250 gallons per hour and maximum operating pressure of 8000 p.s.i. for processing dairy products</td>
<td>Food Technology</td>
<td>Spinco Division, Beckman Instruments Inc., Palo Alto, Calif.</td>
<td>$7,015.00 delivered</td>
</tr>
<tr>
<td>One ultracentrifuge, preparative type, with four rotors for speeds of 50,000, 94,000, 105,000, and 142,000 times gravity, 208-volt 3-phase, 60-cycle</td>
<td>Physics</td>
<td>Minneapolis-Honeywell Regulator Co., Peoria</td>
<td>$3,510.00 delivered</td>
</tr>
<tr>
<td>One model 2758 Rubicon six-dial thermo-free potentiometer</td>
<td>Zoology</td>
<td>W. H. Kessel Co., Chicago</td>
<td>$5,045.40 delivered and installed</td>
</tr>
<tr>
<td>Two microscopes, research, with interchangeable nosepieces for five plan-apochromatic and apochromatic objectives, with optical accessories and photographic attachments</td>
<td>Biological Chemistry, Chicago Professional Colleges</td>
<td>Packard Instrument Co., Lyons</td>
<td>$13,509.00 delivered</td>
</tr>
<tr>
<td>One automatic liquid scintillation spectrometer</td>
<td>Blood Bank, Chicago</td>
<td>Cutter Laboratories, Chicago</td>
<td>$3,127.76 delivered</td>
</tr>
<tr>
<td>Twelve pressure transducers</td>
<td>Pharmacology, College of Medicine</td>
<td>Dynisco, Inc., Cambridge, Mass.</td>
<td>$2,700.00 delivered</td>
</tr>
<tr>
<td>One polygraph consisting of six-channel cabinets, 25 driver amplifiers, 25 oscillographs, six signal markers, and 26 preamplifiers</td>
<td>Pharmacology, College of Medicine</td>
<td>Grass Instrument Co., Quincy, Mass.</td>
<td>$18,963.00 delivered</td>
</tr>
<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
</tr>
<tr>
<td>------</td>
<td>------------</td>
<td>--------</td>
<td>------</td>
</tr>
<tr>
<td>Four dual beam oscilloscopes</td>
<td>Pharmacology, College of Medicine</td>
<td>Tektronix, Inc., Park Ridge</td>
<td>$3,183.64 delivered</td>
</tr>
<tr>
<td>Estimated quantities radio isotopes for use by the Isotope Laboratory during the period from July 1, 1960, through June 30, 1961</td>
<td>Radiology</td>
<td>Volk Radiochemical, Chicago</td>
<td>4,112.50 delivered</td>
</tr>
<tr>
<td>One blood cell counter, less trade-in allowance for one hemoglobin colorimeter</td>
<td>Research and Educational Hospitals</td>
<td>American Hospital Supply, Evanston</td>
<td>3,365.20 net delivered</td>
</tr>
<tr>
<td>Estimated quantity of intravenous fluids and administration sets for use in Research and Educational Hospitals for the period July 1, 1960, through June 30, 1961, subject to renewal for one year by mutual agreement</td>
<td>Research and Educational Hospitals</td>
<td>Abbott Laboratories, Franklin Park</td>
<td>46,706.41 delivered</td>
</tr>
<tr>
<td>One surgical operating table with accessories</td>
<td>Research and Educational Hospitals</td>
<td>American Sterilizer Co., Chicago</td>
<td>2,693.00 delivered</td>
</tr>
<tr>
<td>Two motorized elevator files to hold 1,430 in. each of 3 x 5 cards</td>
<td>Research and Educational Hospitals</td>
<td>Diebold, Inc., Chicago</td>
<td>4,085.70 delivered</td>
</tr>
<tr>
<td>One motorized elevator file to hold 1,950 in. each of 3 x 5 cards</td>
<td>Research and Educational Hospitals</td>
<td>Remington Rand, Inc., Chicago</td>
<td>3,714.50 delivered</td>
</tr>
<tr>
<td>X-ray solution service for the year, beginning July 1, 1960</td>
<td>Various departments, Chicago Professional Colleges</td>
<td>Donald J. McElroy, Inc., Chicago</td>
<td>4,462.50 delivered</td>
</tr>
<tr>
<td>One model SFD Flexowriter with edge card punch and reader and stand</td>
<td>Graduate College</td>
<td>Friden, Inc., Peoria Heights</td>
<td>4,510.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One electric tape winder</td>
<td>Military</td>
<td>Pettibone Brothers Manufacturing Co., Cincinnati, Ohio</td>
<td>3,006.50 f.o.b. delivered</td>
</tr>
<tr>
<td>75 (approximately) uniforms for Advanced Air Force R.O.T.C. students</td>
<td>University Press</td>
<td>Braun-Brumfield, Inc., Ann Arbor, Mich.</td>
<td>8,086.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Purchase will be for actual number of students enrolled</td>
<td>University Press</td>
<td>Waldemar Press Division, Indianapolis, Ind.</td>
<td>21,010.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Printing and binding 1,300 copies (approximately 256 pages per copy) of Italian Comedy in the Renaissance by M. T. Herrick</td>
<td>University Press</td>
<td>Colonial Press, Inc., New York, N.Y.</td>
<td>5,124.55 f.o.b. delivered</td>
</tr>
<tr>
<td>4,000 copies High School Mathematics, Unit 5, Teacher's Edition, approximately 350 pages per copy</td>
<td>University Press</td>
<td>Colonial Press, Inc., New York, N.Y.</td>
<td>8,006.00 f.o.b. delivered</td>
</tr>
<tr>
<td>4,000 copies High School Mathematics, Unit 6, Teacher's Edition, approximately 350 pages per copy</td>
<td>University Press</td>
<td>Colonial Press, Inc., New York, N.Y.</td>
<td>8,006.00 f.o.b. delivered</td>
</tr>
<tr>
<td>16,000 copies High School Mathematics, Unit 5, Students' Edition</td>
<td>University Press</td>
<td>Colonial Press, Inc., New York, N.Y.</td>
<td>8,006.00 f.o.b. delivered</td>
</tr>
<tr>
<td>16,000 copies High School Mathematics, Unit 6, Students' Edition</td>
<td>University Press</td>
<td>Colonial Press, Inc., New York, N.Y.</td>
<td>8,006.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Printing and binding 1,000 copies of Modern Land Policy by Harold G. Halcrow</td>
<td>University Press</td>
<td>Colonial Press, Inc., New York, N.Y.</td>
<td>8,006.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Lounge furniture for the Graduate Student Residence Hall</td>
<td>Housing Division</td>
<td>L. B. Herbst Corp., Chicago</td>
<td>8,006.00 f.o.b. delivered</td>
</tr>
<tr>
<td>310 dual purpose sofas and bed combination units for the Graduate Student Residence Hall</td>
<td>Housing Division</td>
<td>Karoll's, Inc., Chicago</td>
<td>57,950.70 f.o.b. Miami, Fla. delivered</td>
</tr>
<tr>
<td>145 dozen combination mattress pad and cover</td>
<td>Housing Division</td>
<td>Karoll's, Inc., Chicago</td>
<td>3,754.05 f.o.b. delivered</td>
</tr>
<tr>
<td>3,000 blankets, 64 in. x 90 in. 90 per cent wool, 10 per cent nylon, for Men's Residence Halls</td>
<td>Housing Division</td>
<td>Karoll's, Inc., Chicago</td>
<td>51,820.00 f.o.b. delivered</td>
</tr>
<tr>
<td>1,670 student study lamps and shades</td>
<td>Housing Division</td>
<td>Laurel Lamp Manufacturing Co., Inc., Newark, N.J.</td>
<td>8,633.90 Shades</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Excel Manufacturing Corp., Muncie, Indiana</td>
<td>4,108.20 Shades</td>
</tr>
</tbody>
</table>
UNIVERSITY OF ILLINOIS

330 study lamps for single Graduate Student Residence Hall

Triple plate flatware:
- 350 dozen dinner knives
- 417 dozen 6 3/4 in. salad plates
- 293 dozen 7 3/4 in. cups
- 295 dozen 7 3/4 in. tea saucers
- 375 dozen 6 3/4 in. soup nappies
- 427 dozen 3 in. sauce dishes
- 21 dozen 10 oz. sugar bowls
- 10 dozen 6 in. dinner plates
- 15 dozen 11 oz. sugar bowls

For Central Food Stores:
- 220 dozen 9% in. dinner plates
- 425 dozen 6 6/8 in. salad plates
- 295 dozen 7 9/16 in. cups
- 295 dozen 5 1/8 in. tea saucers
- 460 dozen teaspoons
- 280 dozen dessert spoons

220 dozen 9% in. dinner plates
- 80 dozen 6 3/4 in. salad plates
- 100 dozen 4 3/4 in. fruit dishes
- 100 dozen cups
- 130 dozen 5 3/4 in. saucers
- 140 dozen 12 oz. oatmeal bowls
- 10 dozen 12 oz. sugar bowls with lids
- 20 dozen 23 oz. gravy bowls
- 15 dozen vegetable ovals
- 26 dozen 8 oz. cream pitchers

For Central Food Stores:
- 90 dozen 9 in. luncheon plates
- 50 dozen 5 in. bread and butter plates
- 100 dozen 4 3/4 in. vegetable dishes
- 150 dozen 5 1/2 in. rolled edge saucers
- 250 dozen 9 in. salad plates
- 50 dozen 6 in. salad plates
- 100 dozen 4 3/4 in. salad plates
- 250 dozen 7 oz. dinner plates
- 30 dozen 2 3/4 oz. cups
- 150 dozen 5 5/8 in. tea saucers
- 200 dozen 7 9/16 in. cups
- 100 dozen 6 in. dinner plates
- 15 dozen 10 oz. sugar bowls

Shenango china:
- 24 dozen 9 in. luncheon plates
- 36 dozen 6 3/4 in. salad plates
- 50 dozen 5 in. bread and butter plates
- 100 dozen 4 3/4 in. vegetable dishes
- 100 dozen cups
- 150 dozen 5 3/4 in. saucers
- 140 dozen 12 oz. oatmeal bowls
- 10 dozen 12 oz. sugar bowls with lids
- 20 dozen 23 oz. gravy bowls
- 15 dozen vegetable ovals
- 26 dozen 8 oz. cream pitchers

For Central Food Stores:
- 90 dozen 9% in. dinner plates
- 80 dozen 6 3/4 in. salad plates
- 100 dozen 4 3/4 in. fruit dishes
- 100 dozen cups
- 130 dozen 5 3/4 in. saucers
- 140 dozen 12 oz. oatmeal bowls
- 10 dozen 12 oz. sugar bowls with lids
- 20 dozen 23 oz. gravy bowls
- 15 dozen vegetable ovals
- 26 dozen 8 oz. cream pitchers

Office Supply Stores
- 15,460 reams white offset paper in various sizes and weights (estimated six to eight months' supply)
- 1,000,000 No. 10 white wave envelopes with various imprints, in 24 lb. and 28 lb. weights to be delivered as required for delivery to Urbana and Chicago for the period July 1, 1960, through June 30, 1961

Paper House, Inc.
- 22,000,000 reams 8 1/2 x 11 20 lb. white No. 4 sulphite duplicator paper for shipment to Urbana and Chicago for delivery in June and November, 1960

192 steel laundry carts

91 ft. 8 in., schedule 40, 6 in., seamless pipe with insulation in 12 in. cast iron casing

On motion of Mr. Johnston, these purchases were authorized.
## COMPTROLLER’S REPORT OF CONTRACTS

(21) The Comptroller’s report of contracts executed during the period April 1 to April 30, 1960.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Spray-Chemical Corp.</td>
<td>Fungicides on diseases of apples and grapes</td>
<td>$500.00</td>
<td>May 1, 1960</td>
</tr>
<tr>
<td>Corporation of Downers Grove, Illinois</td>
<td>Recreation and park survey</td>
<td>750.00</td>
<td>December 23, 1959</td>
</tr>
<tr>
<td>Illinois Archaeological Survey, Inc.</td>
<td>Preliminary archaeological site examination</td>
<td>3064.70</td>
<td>April 21, 1960</td>
</tr>
<tr>
<td>Olin Mathieson Chemical Corp.</td>
<td>Compare ammonium phosphates with other sources of phosphate in banded and broadcast applications for corn</td>
<td>2250.00</td>
<td>April 12, 1960</td>
</tr>
<tr>
<td>Ramo-Wooldridge Division, Thompson Ramo Wooldridge, Inc.</td>
<td>Producing high mass density beams of charged heavy particles suitable for use as the working fluid of a thrust producing device</td>
<td>11195.00</td>
<td>February 1, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 33(616)-7032</td>
<td>Absorbefacient surfaces for the 1000°F to 3500°F temperature range</td>
<td>17887.00</td>
<td>March 1, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-819</td>
<td>Single dislocations in solids under static and dynamic conditions</td>
<td>12200.00</td>
<td>March 1, 1960</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-878</td>
<td>Synthetic capacity of irradiated ciliates</td>
<td>13127.00</td>
<td>April 21, 1960</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-883</td>
<td>Nature of catalysts, reactants, and extraneous materials in catalytic reduction reactions</td>
<td>12800.00</td>
<td>April 14, 1960</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Education</td>
<td>Language and area center in Russian</td>
<td>49992.00</td>
<td>April 6, 1960</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid by the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lundell Manufacturing Co., Inc.</td>
<td>Lease of one offset chopper, one cornhead attachment, one 7.4 sheave, one hay conditioner attachment, and one automatic gauge kit</td>
<td>$175.96 annually</td>
<td>March 1, 1960</td>
</tr>
</tbody>
</table>

## Contract Changes

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crop-Hail Insurance Actuarial Association</td>
<td>Hailstorms in Illinois, estimating long-term loss costs</td>
<td>$6000.00</td>
<td>February 3, 1960</td>
</tr>
<tr>
<td>International Cooperation Administration ICAC-1220-1</td>
<td>Establish at Indian Institute of Technology, Kharagpur, West Bengal, teacher-training programs in engineering</td>
<td>30000.00</td>
<td>April 11, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 18(603)-62</td>
<td>High energy bunched electron beams</td>
<td>30000.00</td>
<td>February 10, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 35(616)-5486</td>
<td>Thermally stable polymers for high temperature aircraft application</td>
<td>50000.00</td>
<td>February 1, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 35(616)-6196</td>
<td>Elevated temperature resistant inorganic structural adhesives</td>
<td>40000.00</td>
<td>March 1, 1960</td>
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<tr>
<td>United States Air Force AF 49(638)-171</td>
<td>Laws underlying human behavior in complex tasks</td>
<td>24072.00</td>
<td>February 3, 1960</td>
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<tr>
<td>United States Air Force AF 49(638)-594</td>
<td>Meson photoproduction and meson interactions using a liquid</td>
<td>13000.00</td>
<td>January 28, 1960</td>
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<td>United States Army DA-11-022-ORD-1775</td>
<td>Alloys of the transition elements</td>
<td>22497.00</td>
<td>February 19, 1960</td>
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<tr>
<td>United States Army DA-36-093-SC-78315</td>
<td>Microwave duplexer switching mechanisms</td>
<td>35500.00</td>
<td>April 6, 1960</td>
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<tr>
<td>United States Atomic Energy Commission AT (11-1)-67</td>
<td>Unclassified research in the field of radio chemistry</td>
<td>28653.00</td>
<td>March 29, 1960</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT (11-1)-592</td>
<td>Obtaining one millimeter source of C.W. microwaves and associated components</td>
<td>53000.00</td>
<td>April 7, 1960</td>
</tr>
</tbody>
</table>
With Whom                  Purpose                              Amount to be Paid to the University  Effective Date
United States Atomic Energy Commission AT (11-1)-706 Effect of phenol ethers on lesions of the skin produced by beta radiations  $5,000.00  March 1, 1960
United States Navy Nonr-1244(00) Initiation of training in military and disaster medicine  9,000.00  July 1, 1959
United States Navy Nonr-1426(00) Thermal injury of the skin  66,635.00  March 9, 1960
United States Navy Nonr-1854(21) Artificial intelligence computers  4,500.00  February 25, 1960
United States Navy NObS-77137 Fatigue behavior of welded HY80 at a stress calculated to provide failure at or between 10,000 cycles to 100,000 cycles  20,000.00  March 29, 1960

Adjustments Made in 1959-60 Cost-Plus Contract

With Whom                  Purpose                              Amount       Date
Harry F. Fisher  (Plastering) Twenty-three Items; $85.59 deduct to $2,750.00  $6,135.17  March and April, 1960

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(22) The Comptroller presented his quarterly report to the Board as of March 31, 1960.

This report was received for record and a copy has been filed with the Secretary of the Board.

UNIVERSITY POLICY ON CONSTRUCTION OF FAMILY HOUSING

(23) In January, 1956, the Board of Trustees approved a comprehensive program for the construction of student housing, including family housing. As stated in this program, the planning is subject to revision from time to time according to the needs of the University and the availability of adequate private housing in the community of Urbana-Champaign. Indeed, in 1958 these factors being taken into account the construction schedule was revised accordingly. Submitted here-with is a memorandum prepared by the Housing Division, giving the background of this subject and the changes which have been made since its adoption; a copy of this is being filed with the Secretary of the Board for record.

Recent questions raised by the Apartment Owners Association of Champaign-Urbana concerning the need for construction by the University of additional family housing have been answered in conferences with representatives of the Association. However, it is desirable that there be public understanding of the University’s program and needs, and it is therefore recommended that the Board authorize the following policy statement.

1. The projected enrollments for the University at Urbana-Champaign indicate that there will be a continuing need for family housing facilities for students, faculty, and staff. Without additional housing, the University can not continue to grow at Urbana-Champaign.
2. If the facilities are to be available when needed, decisions for planning and construction must be based on projected enrollments.
3. The University’s enrollment projections and estimated housing requirements are always available and plans will continue to be announced as soon as they are approved.
4. The University hopes that private builders in the community will continue to help provide suitable housing for faculty, staff, and married students.
5. The University’s efforts will be directed toward providing married students’ housing facilities meeting University conditions and requirements which are estimated to be unavailable elsewhere in the local community.
6. The final appraisal and decisions as to need, both present and projected, must be the responsibility of the Board of Trustees.

On motion of Mrs. Watkins, this statement of policy was approved.
RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(24) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff.

1. Radio direction-finding system — Albert D. Bailey, Professor of Electrical Engineering, inventor. The purpose of this invention is to provide a radio direction-finding system that will permit one to obtain the direction of arrival of a radio wave with an accuracy that is considerably better than that obtained with the conventional small aperture radio direction-finding systems. The system is basically a sum-and-difference radio interferometer technique together with the means for continuously calibrating the indicated data to arrive at an accurate estimate of the bearing and elevation angle-of-arrival of the incoming radio signal. The novel features are the conception of the complete system and the use of a calibrator to provide a means for obtaining an accurate estimate of the bearing and elevation angles of arrival of a radio wave.

The Committee concurs in the recommendation of the Head of the Department of Electrical Engineering that there is little or no commercial value and recommends that this invention be released to the sponsoring agency, the United States Army Signal Corps.

2. Radio direction finding using phase-locked oscillators — F. J. Wymer, Research Assistant in Electrical Engineering, inventor. The only new idea in this system is the use of phase-locked oscillators in radio direction-finding systems. Other techniques and components employed — the receivers, phase-locked oscillator, goniometer, phase-sensitive detector, and Adcock Antenna Array — are not novel.

The Committee concurs in the recommendation of the Head of the Electrical Engineering Department that there is little or no commercial value and recommends that this invention be released to the sponsoring agency, the United States Navy.

3. Log-periodic resonant-V arrays — Paul E. Mayes, Research Associate Professor of Electrical Engineering, and Robert L. Carrel, Research Assistant in Electrical Engineering, inventors. This is a broadband antenna which utilizes a directive element pattern as well as the array factor to achieve moderately high gains over an extended range of frequencies (ten to one or more in ratio). The antenna consists of linear elements which are connected to a parallel-wire feed line.

The Committee concurs in the recommendation of the Head of the Department of Electrical Engineering and the University of Illinois Foundation that there is definite possibility of commercial value and that this invention be released to the University of Illinois Foundation, recognizing the rights of the sponsoring agency, the United States Air Force.

4. New circularly polarized omnidirectional antenna — Paul E. Mayes, Research Associate Professor of Electrical Engineering, and John D. Dyson, Research Assistant Professor of Electrical Engineering, inventors. Since this type of log-spiral antenna retains the extremely wide frequency band-widths of the balanced, two-arm conical log-spiral antenna, it provides a major improvement over most of the narrow band omnidirectional, circularly polarized antennas presently in use. Successful operation over frequency ranges of 10 to 1 and more are possible as compared to the 2 to 1 or less range with former antennas.

The Committee recommends that, in view of definite possible commercial value, this invention be released to the University of Illinois Foundation, recognizing the rights of the sponsoring agency, the United States Air Force.

5. All channel TV and FM receiving antenna — Robert L. Carrel, Research Assistant in Electrical Engineering, and Paul E. Mayes, Associate Professor of Electrical Engineering, inventors. At present the television broadcasting spectrum is allocated in several bands which are widely dispersed in frequency. As a result it is now common practice to use several antennas in order to receive from several transmitting stations. There is no commercially available antenna which will perform well at all frequencies in the television broadcast bands. Utilizing the ideas covered in this patent, it is possible to design an antenna which operates well over all of the television spectrum plus that used in FM broadcasting as well. Furthermore, the design described here uses the available antenna structure more effectively insofar as producing directive gain than would be possible when using
several narrow band antennas. Structurally, this antenna is no more complex than certain commercial models on the market at present.

The University of Illinois Foundation reports that it appears that this invention has a more direct commercial appeal than any of the other antenna inventions now held by them; and therefore, the University Patent Committee recommends that this invention be released to the University of Illinois Foundation with the stipulation that they recognize the contractual rights of the sponsoring agent, the United States Air Force.

I concur in these recommendations.

Mr. Clement stated that the Board's Committee on Patents has considered these recommendations, and he moved their approval. This motion was adopted.

REQUEST OF FAUCETT-UMPHREY CORPORATION

(23) The Faucett-Umphrey Corporation, Bloomfield, Indiana, was awarded a contract for $189,448.10 for the manufacture of student room furniture (chairs, beds, and desks) for University residence halls. The Corporation having failed to submit an owners protective bond as stated in the contract, the Board of Trustees exercised its option of retaining the Corporation's bid deposit of $7,500, as liquidated damages for failing to comply with contract requirements, and declaring the contract null and void.

The Faucett-Umphrey Corporation, by James R. Riley, its Executive Director, has asked the Board of Trustees to reconsider its action relative to retention of the bid deposit.

Following discussion of this request, the Vice-President and Comptroller was instructed to inform the Faucett-Umphrey Corporation that the Board does not see its way clear to granting this request.

STATUS OF ASSISTANT PROFESSOR LEO F. KOCH

(26) At the meeting of the Board of Trustees on April 20, 1960, I reported that the recommendation of the Executive Committee of the College of Liberal Arts and Sciences, Assistant Professor Leo F. Koch of the Division of General Studies was relieved of all University duties as of April 7, 1960, and that he was informed that his appointment will be terminated at the end of the current academic year 1959-60. He was officially notified of this action by a copy of the following letter addressed to Dean Lyle H. Lanier of the College of Liberal Arts and Sciences which was delivered personally to him by Dean Lanier acting for me.

April 7, 1960

DEAR DEAN LANIER:

I have your memorandum of April 7 reporting the deliberations of the Executive Committee of the College of Liberal Arts and Sciences concerning Assistant Professor Leo F. Koch. You report that Professor Koch's letter published in the Daily Illini on March 18, 1960, raised serious doubt as to his sense of academic responsibility and hence as to his further usefulness as a teacher in the College of Liberal Arts and Sciences.

I note that the Head of Professor Koch's Department, Professor James M. McCrimmon, in substance informed Professor Koch on March 25 that his letter constituted a breach of professional responsibility and in conference with Professor Koch condemned both the tone and much of the content of the letter.

I note further that it is the Executive Committee's view that Professor Koch's published letter constitutes a breach of academic responsibility so serious as to justify his being relieved of his University duties.

This memorandum is to record my concurrence in the recommendation of the Committee and to request you to relieve Professor Koch of his duties immediately. His appointment will be terminated at the University at the end of the current academic year.

With you, I consider Professor Koch's letter a grave breach of academic responsibility. The views expressed are offensive and repugnant, contrary to commonly accepted standards of morality and their public espousal may be interpreted
as encouragement of immoral behavior. It is clear that Mr. Koch's conduct has been prejudicial to the best interests of the University.

I request that you and Professor McCrimmon communicate this decision to Professor Koch.

DAVID D. HENRY
President

Mr. Koch has requested, and has been granted, a hearing of his case by the Board, the date of which should now be set; provided that the date of the hearing is no less than fifteen days from the date of receipt by him of the notice as required by the University Statutes.

I now recommend that the Board of Trustees terminate Assistant Professor Koch's appointment at the end of the current academic year 1959-60 on the basis of the charges stated in the foregoing letter to Dean Lanier which are predicated upon Mr. Koch's action in having published in the Daily Illini issue of March 18, 1960, the communication referred to in my letter to Dean Lanier and a copy of which is submitted herewith. I request the Board not to act on this recommendation, however, until after the hearing with Mr. Koch has been held.

Mr. Johnston moved that the hearing requested by Mr. Koch be held in the Illini Union Building, Urbana, Illinois, on Tuesday, June 14, 1960, the date fixed by the Board for its regular June meeting, beginning at 10:30 a.m.; that the hearing be open to accredited press representatives and to the public to the extent space permits; that the Director of Public Information be instructed to issue proper identification to one accredited correspondent from each newspaper, press association, radio or television station involved in coverage of the hearing; and that no cameras or mechanical recording devices be permitted in the room in which the hearing is conducted.

This motion was adopted.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, and cancellation; (4) leaves of absence; (5) change in sabbatical leave of absence; (6) retirement.

APPOINTMENTS MADE BY THE PRESIDENT
(The date in parentheses is the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

ADAMS, DONALD F., Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1960, $2600 (5-3-60).

BABA, MINORU, Research Associate in Medicine (Medicine), six months from July 1, 1960, $500 a month (5-3-60).

BARBER, DENNIS B., Instructor in Operative Dentistry (Dentistry), one year from September 1, 1960, $7500 (4-14-60).

BARRETT, WILLIAM B., Instructor in Accountancy, ½ time, academic year beginning September 1, 1960, $2400 (4-7-60).

BAUMAN, STEVEN, Research Assistant in Mathematics, August 16-31, 1960, $200 (4-26-60).

BECK, PAUL A., Professor of Physical Metallurgy, Department of Mining and Metallurgical Engineering (C), two months from June 16, 1960, $1500 a month; this is in addition to his present appointment (5-3-60).

BECK, ROBERT J., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1960, $4200; this is in addition to $500 he will receive from the Athletic Association for services rendered to it (4-26-60).

BERG, EDWIN W., Instructor in Economics (Chicago Undergraduate Division), academic year beginning September 1, 1960, $6500 (4-26-60).
BOKENKAMP, Robert W., Instructor in General Engineering (C), ½ time, academic year beginning September 1, 1960, $5,800 (4-26-60).

BOURGIN, David G., Professor of Mathematics, June 16-August 24, 1960, $3,750; this is in addition to his present appointment (4-26-60).

CAIRNS, Stewart S., Professor of Mathematics, June 16-August 24, 1960, $3,750; this is in addition to his present appointment (4-8-60).

CHORDIEKIAN, Filor K., Research Assistant in Psychiatry (Medicine), March 21-August 31, 1960, $366.66 a month, supersedes (4-26-60).

CONNELL, Barbara, Assistant to the Dean of Women, one month from July 1, 1960, $400 (5-3-60).

CRAWFORD, Robert B., Instructor in History, academic year beginning September 1, 1960, $6,500 (4-26-60).

DE LONG, Charles C., Short-term Consultant in India, under Contract US ICAC-1295 with the International Cooperation Administration, beginning March 1, 1960, and continuing through five working days after departure from India, $14,050 a year; regular salary to be charged again to budget position after returning from India; supersedes (4-6-60).

DERUS, David L., Instructor in English, academic year beginning September 1, 1960, $5,800 (4-26-60).

DESCOUROUEZ, C., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1960, $4,200; this is in addition to $500 he will receive from the Athletic Association for services rendered to it (4-26-60).

DHARMARAJAN, Sangiah, Research Associate in Theoretical and Applied Mechanics (C), to render service on a ½ time basis beginning September 16, 1959, through November 30, 1959; on a ¾ time basis beginning December 1, 1959, through January 31, 1960; and on a 70 per cent time basis beginning February 1, 1960, through June 15, 1960; salary for this service to be paid over a twelve-month period, $3,056 a year from September 1, 1959, through February 29, 1960, and $3,500 a year from March 1, 1960, through August 31, 1960, supersedes (4-6-60).

DOBBROVOLNY, Jerry S., Professor of General Engineering (C), two months from June 16, 1960, $2,222; this is in addition to his present appointment (5-3-60).

DOYLE, James M., Research Associate in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1960, $2,500 (4-26-60).

EHRHARD, Jean E., Visiting Professor of French, nine months from September 16, 1960, $10,000 (previously here as Visiting Professor in 1958-59) (4-8-60).

ELLIOTT, Peter R., Associate Professor of Physical Education for Men, ¾ time, indefinite tenure from September 1, 1960, to render service during each academic year, $2,350 a year; this is in addition to his appointment and salary as Head Football Coach for which services he is paid by the Athletic Association (4-7-60).

ENGANDELA, Victor J., Instructor in Medical Social Work (Medicine), July 1, 1960-August 31, 1961, $6,000 a year (5-3-60).

FEITKNOG, Elmer N., Assistant in English, nine months from September 16, 1960, $3,800 (4-26-60).

FREEMAN, Hal M., Instructor in Ophthalmology (Medicine), 85/100 time, one year from July 1, 1960, $5,400 (5-3-60).

GARVER, Thomas H., Assistant to the Director of the Krannert Art Museum and Instructor in Art, one year from September 1, 1960, $7,000 (4-26-60).

GILLESPIE, Robert W., Instructor in Economics, academic year beginning September 1, 1960, $7,250 (4-7-60).

GOLDSTEIN, Melvin L., Instructor in Psychology, ½ time, February 1-June 15, 1960, $1,414.81 a month (4-14-60).

GRIEVE, Guinevere L., Instructor in English (Chicago Undergraduate Division), academic year beginning September 1, 1960, $6,400 (4-26-60).

HEADINGS, Philip R., Instructor in English, academic year beginning September 1, 1960, $6,100 (4-6-60).

HILL, Jean, Assistant to the Dean of Women, one month from August 1, 1960, $400 (5-3-60).

HOCHBERG, Isidor, Physician in the Health Service (Chicago Professional Colleges), ½ time, March 3-August 31, 1960, $2,200 a year (4-22-60).
KITAGAWA, ISAO, Research Associate in Food Technology (S), one year from September 1, 1960, $5500 (4-26-60).

KLIEVER, KENNETH L., Research Assistant in Physics (C), June 16-August 31, 1960, $422 a month (4-26-60).

LANDWEHR, GOTTFRIED, Research Associate in Electrical Engineering (S), ½ time, five months from April 1, 1960, $270 a month (4-28-60).

LARSON, BERNT O., Professor of General Engineering (C), June 16-July 31, 1960, $1078 a month; this is in addition to his present appointment (5-3-60).

LATHRAP, DONALD W., Instructor in Anthropology, two months from June 16, 1960, $666.67 a month; this is in addition to his present appointment (5-3-60).

LEE, BONG KUR, Research Assistant in Chemistry (Pharmacy), five months from April 1, 1960, $300 a month (5-3-60).

LEKAN, EUGENE C., Research Associate in Oral and Maxillofacial Surgery (Dentistry), ½ time, five months from April 1, 1960, $300 a month, supersedes his nonsalaried appointment (5-3-60).

LESCHER, ALFRED J., Pharmacy Resident in Hospital Pharmacy (Research and Educational Hospitals) (Pharmacy), ½ time, five months from April 1, 1960, $125 a month; for the convenience of the University he will also receive room and board while on duty (4-26-60).

LIM, YUNG KU0, Research Associate in Physics (C), one year from January 1, 1961, $7000 (4-6-60).

LINDBLAD, WILLIAM E., Assistant in English, nine months from September 16, 1960, $4200 (4-26-60).

LO PRIORE, VICTOR M., Clinical Instructor in Pediatrics (Medicine), five months from April 1, 1960, without salary (4-26-60).

LUNN, HUEY N., Instructor in Accountancy, ½ time, academic year beginning September 1, 1960, $1200 (4-7-60).

MARTIN, GORDON E., Instructor in General Engineering (C), June 16-July 31, 1960, $700 a month; this is in addition to his present appointment (5-3-60).

MORRIS, CHARLES E., TR., Assistant in Mathematics, two months from May 16, 1960, $800 (4-29-60).

MUKHERJEE, SUPROKASH, Associate in Physics (C), one year from September 1, 1960, $7000 (4-6-60).

O’MEARA, EDWARD T., Research Assistant in Education Articulation (College of Education), ½ time, and Assistant Coordinator of Admissions-Articulation (Office of Admissions and Records), ½ time, one year from September 1, 1960, $5000 (4-26-60).

PATLOGAN, MRS. SYLVIA, Instructor in Foreign Languages (Chicago Undergraduate Division), ½ time, academic year beginning September 1, 1960, $3200 (4-26-60).

PAVTON, WILLARD T., Instructor in Electrical Engineering (C), five months from April 1, 1960, to render service during the second semester of the academic year, $544.17 a month, supersedes (4-14-60).

REINER, IRVING, Professor of Mathematics, June 16-August 24, 1960, $2750; this is in addition to his present appointment (4-26-60).

RICKETTS, BERNARD G., Professor of Metallurgical Engineering, Department of Mining and Metallurgical Engineering (C), two months from June 16, 1960, $2088.88; this is in addition to his present appointment (5-3-60).

ROBINSON, WILFRED K., Assistant in the Institute of Aviation, June 20-August 13, 1960, $475 a month (4-26-60).

ROSE, WALTER D., Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C), two months from June 16, 1960, $1133.33 a month; this is in addition to his present appointment (5-3-60).

RUBEL, LEE, Assistant Professor of Mathematics, June 16-August 24, 1960, $1800; this is in addition to his present appointment (4-26-60).

RUSSO, THOMAS F., Assistant in Physical Education for Men (Chicago Undergraduate Division), nine months from September 16, 1960, $4200; this is in addition to $500 he will receive from the Athletic Association for services to it (4-26-60).

SACHS, DAVID, Instructor in Mathematics, academic year beginning September 1, 1960, $7000 (4-13-60).
SCHWARZ, ENRIQUE, Assistant Professor of Radiology (Medicine), ¾ time, April 4-August 31, 1960, $512.50 a month, supersedes (4-26-60).

SEYLER, EARL C., Short-term Consultant in India, under Contract US ICAC-1258 with the International Cooperation Administration, beginning March 1, 1960, and continuing until five working days after leaving India, $16,445 a year; regular salary to be charged again to budget position after return from India; supersedes (4-6-60).

SHUBERT, HARRY A., Research Assistant in Electrical Engineering (S), five months from April 1, 1960, $425 a month, supersedes (4-26-60).

SIDEBOTTOM, OMAR M., Professor of Theoretical and Applied Mechanics (C), 83½% time, two months from June 16, 1960, $888.89 a month; this is in addition to his present appointment (4-26-60).

SILBERSTEIN, SETH D., Research Assistant in Physics (C), two months from July 1, 1960, $404.44 a month, supersedes (5-3-60).

SINGH, SHRI KRISHNA, Visiting Assistant Professor of Mathematics, academic year beginning September 1, 1960, $7000 (4-13-60).

STEINER, GAAR W., Assistant in the Institute of Aviation, June 20-August 13, 1960, $475 a month (4-26-60).

STIPPES, MARVIN C., Professor of Theoretical and Applied Mechanics (C), ½ time, two months from June 16, 1960, $500 a month; this is in addition to his present appointment (4-26-60).

STREET, NORMAN, Professor of Petroleum Engineering, Department of Mining and Metallurgical Engineering (C), one month from June 16, 1960, $1000; this is in addition to his present appointment (5-3-60).

TUCKER, LEDYARD R., Professor of Psychology, indefinite tenure from September 1, 1960, to render service during each academic year, $14,000 a year (4-8-60).

WILLIAM F., Assistant in the Institute of Aviation, June 20-August 13, 1960, $475 a month (4-26-60).

WATADA, NORITADA, Research Associate in Food Technology (S), July 1, 1960-August 31, 1961, $5500 a year (4-26-60).

WEMPNER, GERARD A., Visiting Associate Professor of Theoretical and Applied Mechanics (C), two months from July 1, 1960, $833 a month (4-26-60).

WESTENKAMP, HARRY R., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, $1000 a month; this is in addition to his present appointment (4-26-60).

WHEATLEY, JAMES H., Instructor in English, academic year beginning September 1, 1960, $5800 (4-6-60).

WOGULIS, STANLEY G., Jr., Research Assistant in Physics (C), two months from June 16, 1960, $422 a month (4-26-60).

WOLOSHIN, ARTHUR A., Instructor in Psychiatry (Medicine), ½ time, five months from April 1, 1960, $458.33 a month, supersedes his nonsalaried appointment (4-14-60).

GRADUATE FELLOWS

The following appointments made by the Dean of the Graduate College were approved on April 1, 1960, except where otherwise indicated in parentheses.

Accountancy

BARBER, JOHN W., Fellow, nine months from September 16, 1960, $1500.

GALLIART, WILLARD H., Teaching Fellow, nine months from September 16, 1960, $1000.

FOGZAI, DALE G., Teaching Fellow, nine months from September 16, 1960, $1000.

TEME, J. ARDEN, Teaching Fellow, nine months from September 16, 1960, $1000.

Aeronautical Engineering

KELLER, LEON C., Fellow, nine months from September 16, 1960, $1500.

STROM, CHARLES R., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000.

THOSON, NOEL A., Fellow, nine months from September 16, 1960, $1500.

Agricultural Economics

COWLING, K. G., Fellow, nine months from September 16, 1960, $1500.

LANE, SEXTUS, Wright Fellow, nine months from September 16, 1960, $1500.

TOMPKINS, WILLIAM A., Fellow, nine months from September 16, 1960, $1500.
Agricultural Engineering
Huggins, Larry F., Alfred P. Sloan Faculty Development Fellow, nine months from September 16, 1960, $2400.
Wells, Gary L., Hackett Fellow, nine months from September 16, 1960, $1500.

Agronomy
Cherry, Joe H., Wright Fellow, nine months from September 16, 1960, $1500.
Chispeels, Maarten J., Fellow, nine months from September 16, 1960, $1500.
Wilding, Lawrence P., Campbell Soup Company Fellow in Plant Sciences, nine months from September 16, 1960, $2400 (4-18-60).

Animal Science
Breidenstein, Blaine B., Wright Fellow, nine months from September 16, 1960, $1500.
Cline, Telford R., Hackett Fellow, nine months from September 16, 1960, $1500 (4-20-60).

Anthropology
Nagata, Shuichi, Fellow, nine months from September 16, 1960, $1500.

Art
Butler, Kenneth J., Fellow, nine months from September 16, 1960, $1500.
Hudson, Agnes G., Fellow, nine months from September 16, 1960, $1500.
Lovell, Mrs. Rosa L. E., Fellow, nine months from September 16, 1960, $1500.
Lovell, William G., Fellow, nine months from September 16, 1960, $1500.

Astronomy
Roeder, Robert C., Fellow, nine months from September 16, 1960, $2000.

Botany
Allen, Richard D., Fellow, nine months from September 16, 1960, $1500.
Kumar, Hardarsan, Fellow, nine months from September 16, 1960, $1500.
Liberta, Anthony E., Teaching Fellow, nine months from September 16, 1960, $1000.
Uecker, Francis A., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-13-60).

Business Administration
Barker, Victor G., Fellow, nine months from September 16, 1960, $1500.

Ceramic Engineering
Baker, Robert J., Teaching Fellow, nine months from September 16, 1960, $1000.

Chemical Engineering
Ayen, Richard J., Dow Chemical Company Fellow, nine months from September 16, 1960, $1700 (4-26-60).
Bentley, William H., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).
Buehl, Walter M., Jr., Shell Oil Company Fellow, nine months from September 16, 1960, $1800.
Kirby, David B., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).
Kruse, Robert L., Procter and Gamble Company Fellow, nine months from September 16, 1960, $1800 (4-4-60).
Merson, Richard L., Amoco Foundation Fellow, nine months from September 16, 1960, $1800.
Reiss, L. Philip, Monsanto Chemical Company Summer Fellow, two months from June 16, 1960, $550 (4-20-60); and National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).
SHAW, PAUL V., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000 (4-5-60).
YATABE, JON M., Monsanto Chemical Company Fellow, nine months from September 16, 1960, $1800 (4-26-60).
YOUNGQUIST, GORDON R., Minnesota Mining and Manufacturing Company Fellow, nine months from September 16, 1960, $2000 (4-26-60).
ZAHNER, JOHN C., Fellow, nine months from September 16, 1960, $2000.

Chemistry

BURTON, GILBERT W., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and USF Fellow, nine months from September 16, 1960, $1800.
CARLSON, C. G., Fellow, nine months from September 16, 1960, $1500.
CARLSON, ROBERT L., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2000 (4-15-60).
CLEMON, VICTOR, National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2000.
COX, CLIFFORD, Fellow, nine months from September 16, 1960, $1650.
DE VRIES, DONALD L., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).
DEYRUP, JAMES A., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).
DONOVAN, THOMAS A., Fellow, nine months from September 16, 1960, $1500.
DUANE, JAMES E., Teaching Fellow, nine months from September 16, 1960, $1000.
DYBVIG, DOUGLAS H., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).
EYEGUIRRE, JAIME, Fellow, nine months from September 16, 1960, $1500.
FISHER, THOMAS H., Fellow, nine months from September 16, 1960, $1650.
FOGG, JAMES L., Fellow, nine months from September 16, 1960, $1500.
FRIHAUF, EDWARD J., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).
GREEN, MELVIN H., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).
GUIRE, PATRICE E., Procter and Gamble Fellow, nine months from September 16, 1960, $2100.
GUTMAN, DAVID, Fellow, nine months from September 16, 1960, $1650.
HAYNES, LEROY W., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and Fellow, September 16, 1960-January 31, 1961, $750.
HAYNES, RAYMOND R., Standard Oil Company of California Fellow, nine months from September 16, 1960, $2200.
HEIN, CONRAD F., Fellow, nine months from September 16, 1960, $1500.
JOESTEN, MELVIN D., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and Eastman Kodak Company Fellow, nine months from September 16, 1960, $2300.
JOHNSON, ROBERT P., Dow Chemical Company Fellow, nine months from September 16, 1960, $1700.
KLEIN, RICHARD M., Fellow, nine months from September 16, 1960, $1500.
KOKALIS, SOTER G., Ethyl Corporation Fellow, nine months from September 16, 1960, $1000.
KOLKER, HAROLD J., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).
KONZ, MARVIN J., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and Eli Lilly and Company Fellow, nine months from September 16, 1960, $1700.
LARSON, JOHN G., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).
LYON, DAVID, National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).
McCarty, Charles G., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).

McMurray, Walter J., United States Rubber Company Foundation Post Graduate Fellow in Physical and Engineering Science, nine months from September 16, 1960, $1800.

Meek, Devon W., General Electric Foundation Fellow, nine months from September 16, 1960, $1750.


Neale, Robert S., National Science Foundation Summer Fellow, June 16-August 25, 1960, $750 (4-14-60).

Palmer, Richard A., Fellow, nine months from September 16, 1960, $1650.


Rhodes, Yorke E., Jr., Rohm and Haas Fellow, nine months from September 16, 1960, $1750.

Schultz, John E., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).

Sherman, Edward O., Jr., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).

Shier, George D., Fellow, nine months from September 16, 1960, $1650.

Sims, L. B., Teaching Fellow, nine months from September 16, 1960, $1000.

Spicer, Larry, Fellow, nine months from September 16, 1960, $1650.

Steiglmann, Edward F., American Cyanamid Fellow, nine months from September 16, 1960, $1800.

Swofford, Harold S., Jr., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).

Teets, David W., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).


Ueber, Jacob J., Fellow, nine months from September 16, 1960, $1500.

Upper, Christen D., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $2200 (4-15-60).

Weidig, Donald K., Union Carbide Plastics Company Fellow, nine months from September 16, 1960, $2100.

Weisgerber, David W., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).


Werner, N. D., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).

Yethon, Andrew E., Sinclair Research Laboratories Fellow, nine months from September 16, 1960, $1800.

Chicago Professional Colleges

Akcasu, Alaeddin, Postdoctoral Upjohn Research Fellow, six months from April 1, 1960, $500 a month (4-7-60).

Grady, Lee T., National Science Foundation Cooperative Fellow, one year from September 16, 1960, $2200 (4-15-60).

Turner, Fred A., National Science Foundation Cooperative Fellow, one year from October 1, 1960, $2200 (4-15-60).

Civil Engineering

Bedeseim, William B., Esso Research and Engineering Company Fellow, nine months from September 16, 1960, $1800.

Bemben, Stanley M., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000 (4-12-60).

Burns, Ned H., California Oil Company Fellow, nine months from September 16, 1960, $2000.

Carlisle, John B., Fellow, nine months from September 16, 1960, $1500.
CHUANG, KUEN-PUO, Fellow, nine months from September 16, 1960, $1500.
CORLEY, WILLIAM G., Fellow, nine months from September 16, 1960, $1500.
DAI, PETER K., Fellow, nine months from September 16, 1960, $1500.
DONELLAN, B. A., Raymond Concrete Pile Company Fellow in Civil Engineering in Memorial to A. E. Cummings, nine months from September 16, 1960, $1500.
DOWSE, BRIAN E. W., Fellow, nine months from September 16, 1960, $1500.
HANLEY, JOHN T., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $1350 (4-11-60).
HARPER, GORDON N., Teaching Fellow, nine months from September 16, 1960, $1000.
HARRIS, NEVIL L., Fellow, nine months from September 16, 1960, $1500.
HERNESS, ERVIN D., Fellow, nine months from September 16, 1960, $1500.
JONES, ROBERT XI., National Science Foundation Cooperative Fellow, one year from June 1, 1960, $750 (4-15-60).
KIM, MASASHI, Fellow, nine months from September 16, 1960, $1500.
LAMB, JOHN H., JR., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, $666 (4-5-60).
MIKITA, ROBERT W., Fellow, nine months from September 16, 1960, $1500.
MUGA, BRUCE J., Teaching Fellow, nine months from September 16, 1960, $1000.
MURAKAMI, MASASHI, Fellow, nine months from September 16, 1960, $1500.
NORDELL, WILLIAM J., Fellow, nine months from September 16, 1960, $1500.
PFANG, E. O., Engineering Faculty Development Teaching Fellow, two months from June 1, 1960, $395 (4-5-60); and nine months from September 16, 1960, $1000 (4-5-60).
RODDA, ERROL D., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, $541 (4-4-60).
SHIELDS, D. H., Fellow, nine months from September 16, 1960, $1500.
SINGH, KRISHAN P., Fellow, nine months from September 16, 1960, $1500.
SIRAPYAN, ARTIN N., Fellow, nine months from September 16, 1960, $1500.
SMITH, ROBERT F., Teaching Fellow, nine months from September 16, 1960, $1000 (4-18-60).
WOOLRING, RICHARD E., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $1500.
WORTH, EDWARD G., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, $175 (4-4-60).

Classics

DIETZ, HANS P., Fellow, nine months from September 16, 1960, $1500.

Communications

CRUZ, NORA J., Fellow, nine months from September 16, 1960, $1500.

Economics

LEFTWICH, HOWARD M., Fellow, nine months from September 16, 1960, $1500.
ONANIAN, EDWARD D., Fellow, nine months from September 16, 1960, $1500.
RYDER, HARL E., JR., Teaching Fellow, nine months from September 16, 1960, $1000.
SMITH, ROBERT F., Teaching Fellow, nine months from September 16, 1960, $1000 (4-18-60).

Education

AFFRICK, DEANNA, Fellow, nine months from September 16, 1960, $1500.
AUGER, FERRIS K., Fellow, nine months from September 16, 1960, $1500.
FARRELL, BARBARA K., Fellow, nine months from September 16, 1960, $1500.
FURUSHATA, KAZUTAKA, Fellow, nine months from September 16, 1960, $1500.
GOODWIN, WILLIAM L., Fellow, nine months from September 16, 1960, $1500.
SHIBA, SUKEYORI, Fellow, nine months from September 16, 1960, $1500.
SPENCLEY, KENNETH J., Fellow, nine months from September 16, 1960, $1500.
Electrical Engineering

AKITT, D. P., Fellow (Teaching Intern), nine months from September 16, 1960, $2000.
AUGH, leo v., Jr., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $1250 (4-5-60).
BEULIGMANN, RAYMOND F., Engineering Faculty Development Teaching Fellow, nine months from September 16, 1960, $1833 (4-6-60).
BLACKFORD, CAMERON w., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000 (4-5-60).
BOLES, WILLIAM D., Fellow (Teaching Intern), nine months from September 16, 1960, $2000.

Elsey, John c., Bendix Aviation Corporation Teaching Fellow, nine months from September 16, 1960, $3000.
Ghosh, Hitendra N., Teaching Fellow, nine months from September 16, 1960, $1000 (4-7-60).
Harader, wayne r., Fellow (Teaching Intern), nine months from September 16, 1960, $2600.
Hedvig, Thomas I., Engineering Faculty Development Fellow, three months from September 1, 1960, $333 (4-5-60).
Keshoram, Aggarwal J., Fellow, nine months from September 16, 1960, $1500.
Klock, Paul w., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, $801 (4-5-60).
Korsz, James F., Fellow (Teaching Intern), nine months from September 16, 1960, $2000 (4-15-60).
Lyttk, Charles N., Jr., Radio Corporation of America Fellow, nine months from September 16, 1960, $2100 (4-25-60).
McGee, W. F., Fellow, nine months from September 16, 1960, $1500.
Merkel, Henry, Fellow (Teaching Intern), nine months from September 16, 1960, $2000.
Mueller, Thomas E., General Electric Foundation Fellow, nine months from September 16, 1960, $1750.
Pagones, Michael J., Fellow, February 1-June 15, 1961, $750.
Schneider, John X., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000 (4-11-60).
Toepfer, Richard E., Jr., Engineering Faculty Development Teaching Fellow, September 16, 1960-January 31, 1961, $657 (4-5-60).
Yasui, Teizo, Fellow, nine months from September 16, 1960, $1500.

English

Andersen, Sayre D., Teaching Fellow, nine months from September 16, 1960, $1000.
Baker, Loris S., Teaching Fellow, nine months from September 16, 1960, $1000.
Cerny, Frances B., Fellow, nine months from September 16, 1960, $1500.
Colacurcio, Michael J., Jr., Fellow, nine months from September 16, 1960, $2000.
Friend, George L., Fellow, nine months from September 16, 1960, $1500.
Guffey, George R., Fellow, nine months from September 16, 1960, $1500.
Heagerty, Mary A., Teaching Fellow in English, nine months from September 16, 1960, $1000.
Wallace, L. Nadine, Fellow, nine months from September 16, 1960, $1500.
Wilford, Anne E., Teaching Fellow, nine months from September 16, 1960, $1000.

Entomology

Cutts, William B., Teaching Fellow, nine months from September 16, 1960, $1000.
Fraembs, Frank A., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and Teaching Fellow, nine months from September 16, 1960, $1000.
Hurley, Richard, Teaching Fellow, nine months from September 16, 1960, $1000.
Renshaw, Harold W., Fellow, nine months from September 16, 1960, $1500.
Finance
Peterson, David E., Fellow, nine months from September 16, 1960, $1500.

Food Technology
Groeschel, Edward C., Jr., Wright Fellow, nine months from September 16, 1960, $1500.
Kim, Dong H., Fellow, nine months from September 16, 1960, $1500.
Kimura, Hiroshi, Wright Fellow, nine months from September 16, 1960, $1500 (4-18-60).
Lebermann, Kenneth W., Fellow, nine months from September 16, 1960, $1500.
Sgoutras, Demetrios, Fellow, nine months from September 16, 1960, $1500.
Walker, Brian L., Fellow, nine months from September 16, 1960, $1500.

French
McNamara, Carole A., Fellow, nine months from September 16, 1960, $1500.
Riggs, Robert M., Teaching Fellow, nine months from September 16, 1960, $1500.
Wolin, Helga D., Teaching Fellow, nine months from September 16, 1960, $1000.

Geography
Armstrong, Richard W., Fellow, nine months from September 16, 1960, $1500.
McDonald, James R., Teaching Fellow, nine months from September 16, 1960, $1000.

Geology
Baker, Peter E., Fellow, nine months from September 16, 1960, $1500.
Carl, James D., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60); and Shell Companies Foundation Fellow, nine months from September 16, 1960, $1800 (4-14-60).
Coogan, Alan H., Fellow, nine months from September 16, 1960, $1500.
Gilman, Richard A., National Science Foundation Summer Fellow, June 16-September 8, 1960, $900 (4-14-60).
Guber, Albert L., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).
Hawley, John W., Fellow, nine months from September 16, 1960, $1500.
McGuire, Odell S., Fellow, nine months from September 16, 1960, $1500.
Monroe, Eugene A., Illinois Clay Products Company Fellow, nine months from September 16, 1960, $1700 (4-4-60).
Parizek, Richard B., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).
Riggs, Elliott A., National Science Foundation Summer Fellow, June 16-September 8, 1960, $900 (4-14-60).
Totten, Stanley M., Fellow, nine months from September 16, 1960, $1500.
Wilson, William E., III, Minneapolis-Honeywell Regulator Company Fellow, nine months from September 16, 1960, $1800 (4-25-60).
Wolff, Roger G., National Lead Company (Baroid Division) Fellow, nine months from September 16, 1960, $1500.

German
Adams, Noel (Miss), Fellow, nine months from September 16, 1960, $1500.
Barethel, John W., Fellow, nine months from September 16, 1960, $1500.

History
Cady, Darrel, Fellow, nine months from September 16, 1960, $1500.
Davis, George C., Jr., Fellow, nine months from September 16, 1960, $1500.
Hodge, John E., Fellow, nine months from September 16, 1960, $1500.
Kelly, Thomas, Fellow, nine months from September 16, 1960, $1500.
King, Peter J., Teaching Fellow, nine months from September 16, 1960, $1000.
PIERROS, THEODORA A., Fellow, nine months from September 16, 1960, $1500.
SKEHEN, MRS. DEBORAH H., Fellow, nine months from September 16, 1960, $1500.
SCHRUGER, KEITH L., Fellow, nine months from September 16, 1960, $1500.
STRIKLAND, ARVARH E., Fellow, nine months from September 16, 1960, $1500.
WAKSTEIN, ALLEN M., Kendric C. Babcock Fellow, nine months from September 16, 1960, $1800 (4-19-60).

**Home Economics**

ADAMS, MRS. RUBY, General Foods Fellow, nine months from September 16, 1960, $3000.

**Horticulture**

CAPEL, RICHARD E., Fellow, nine months from September 16, 1960, $1500.
LI, WEI-JUNE, Fellow, nine months from September 16, 1960, $1500.
YUDA, JOSEPH E., Fellow, nine months from September 16, 1960, $1500.

**Italian**

BREMNER, LUCILLE, Teaching Fellow, nine months from September 16, 1960, $1650.
CANALE-PAROLA, MRS. THELMA, Fellow, nine months from September 16, 1960, $1500.

**Journalism**

BROWN, ROGER L., Fellow, nine months from September 16, 1960, $1500.

**Library Science**

BRIDGES, JUDITH A., Fellow, nine months from September 16, 1960, $1500.
ENGEL, RHORA R., Fellow, nine months from September 16, 1960, $1500.
POOL, JANE, Fellow, nine months from September 16, 1960, $1500.

**Management**

JOHNSON, JERALD L., Fellow, nine months from September 16, 1960, $1500.

**Marketing**

COFFEY, ROBERT E., Teaching Fellow in Business, nine months from September 16, 1960, $1000.
GIST, RONALD R., Teaching Fellow in Business, nine months from September 16, 1960, $1600.
LANGE, IRENE L., Fellow, nine months from September 16, 1960, $1500.
McDIARMID, JOHN D., Fellow, nine months from September 16, 1960, $1500.
PATINKIN, FLOYD E., Fellow, nine months from September 16, 1960, $1500.

**Mathematics**

CHAKRAVARTI, RENU, Fellow, nine months from September 16, 1960, $1650.
DEMAR, RALPH A., National Science Foundation Summer Fellow, June 16-September 8, 1960, $900 (4-14-60).
GRAFF, GEORGE C., National Science Foundation Cooperative Fellow, one year from June 16, 1960, $3200 (4-15-60).
GROSSMAN, MARVIN W., Fellow, nine months from September 16, 1960, $2200 (4-15-60).
LANGBERG, GEORGE, National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).
LEAF, GARY K., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).
LEVY, LAWRENCE S., Teaching Fellow, nine months from September 16, 1960, $1000.
MORAN, DANIEL A., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).
PAUL, E. M., Special Fellow, two months from April 1, 1960, $400 (4-15-60).
PETERS, JOSEPH A., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).
RAO, CHIVUKULA R., Continental Oil Company Fellow, nine months from September 16, 1960, $2200.
ROSENKRANTZ, WALTER A., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).
RUSSELL, PETER B., Fellow, nine months from September 16, 1960, $1650.
SADAGURSKY, PAUL L., Fellow, nine months from September 16, 1960, $1650.
SISTER MADELEINE SOPHIE DRUFENBROCK, O. S. F., National Science Foundation Cooperative Fellowship, one year from June 1, 1960, $2200 (4-15-60).
SKENATH, J. EDWARD, National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).

Mechanical Engineering
ADYY, A. L., Fellow, nine months from September 16, 1960, $1500.
APRIL, FRANKLIN L., Fellow (Teaching Intern), nine months from September 16, 1960, $2000 (4-5-60).
BUTLER, J. S., Fellow (Teaching Intern), nine months from September 16, 1960, $2000.
CLAUSING, ARTHUR M., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).
FRENCH, JAMES L., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $1625 (4-5-60).
GAITHER, ROBERT B., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000 (4-5-60).
GOLIK, RAYMOND J., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000.
HEIMBurg, RICHARD W., Fellow (Teaching Intern), nine months from September 16, 1960, $3000.
IHrIG, H. KARL, JR., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $1625.
LAMB, JAMIE P., JR., Fellow, nine months from September 16, 1960, $1500.
LARSON, CARL S., National Science Foundation Summer Fellow, June 16-August 11, 1960, $600 (4-14-60).
McNARY, ROSS O., Fellow (Teaching Intern), nine months from September 16, 1960, $2000.
YELLIN, EDWARD L., Fellow (Teaching Intern), nine months from September 16, 1960, $3000 (4-5-60).
YOUNGBLOOD, WALLACE W., Fellow, nine months from September 16, 1960, $1500.

Microbiology
LEE, CHIN K., United States Public Health Service Fellow (Trainee), five months from April 1, 1960, $1000 (4-18-60).

Mining and Metallurgical Engineering
HEINS, ROBERT W., Engineering Faculty Development Teaching Fellow in Mining Engineering, one year from September 1, 1960, $2000.
MEYER, MARSHALL D., National Science Foundation Cooperative Fellow in Metallurgy, one year from September 16, 1960, $2200 (4-15-60).
RATTI, GIUSEPPE E., Fellow in Mining Engineering, nine months from September 16, 1960, $2000.

Music
BACH, JAN M., Teaching Fellow, nine months from September 16, 1960, $1000.
BOARDMAN, EUNICE L., Fellow, nine months from September 16, 1960, $1500.
BOTKIN, SANDRA E., Fellow, nine months from September 16, 1960, $1500.
CAVANAGH, GEORGE A., Fellow, nine months from September 16, 1960, $1500.
DEAN, DERRY, Teaching Fellow, nine months from September 16, 1960, $1000.
DINKALL, ROGER, Fellow, nine months from September 16, 1960, $1500.
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Farish, Stephen T., Jr., Fellow, nine months from September 16, 1960, $1500.
Fingfield, Mrs. Carolyn A., Fellow, nine months from September 16, 1960, $1500.
Hoffren, James, Fellow, nine months from September 16, 1960, $1500.
McWilliams, Burr M., Fellow, nine months from September 16, 1960, $1500.

Nuclear Engineering
Baxter, Alan M., Fellow, nine months from September 16, 1960, $1500.
Hornvik, Karl, Fellow, nine months from September 16, 1960, $1500.
McCormick, Norman J., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).

Philosophy
Davis, Steven, Fellow, nine months from September 16, 1960, $1500.

Physical Education
Wilkey, Sam, Fellow, nine months from September 16, 1960, $1500.

Physics
Ahrenkiel, Richard, National Science Foundation Cooperative Fellow, one year from June 1, 1960, $2200 (4-15-60).
Allen, Richard R., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-19-60).
Blake, J. Bernard, Raytheon Manufacturing Company Fellow, nine months from September 16, 1960, $2000 (4-26-60).
Fernelius, Nils C., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).
Finnemore, Douglas K., United States Steel Foundation Fellow, nine months from September 16, 1960, $2600 (4-26-60).
Fitchen, Douglas B., International Business Machines Corporation Fellow, nine months from September 16, 1960, $1800.
Garrell, Martin H., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).
Gray, Edward R., Fellow, nine months from September 16, 1960, $1650.
Hall, Edna J., Fellow, nine months from September 16, 1960, $1650.
Henry, Charles H., Fellow, nine months from September 16, 1960, $1650.
Hill, Dennis M., Fellow, nine months from September 16, 1960, $1650.
Hopkins, Don C., Haloid Xerox Fellow, nine months from September 16, 1960, $2000 (4-26-60).
Mangan, James M., Fellow, nine months from September 16, 1960, $1650.
Mathews, Wesley N., Jr., National Science Foundation Cooperative Fellow, one year from September 16, 1960, $2200 (4-15-60).
Propst, Franklin M., National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).
Tippins, Harry H., Jr., General Electric Foundation Fellow, nine months from September 16, 1960, $2500 (4-26-60).
Walker, Arthur B. C., Jr., Corning Glass Works Foundation Fellow, nine months from September 16, 1960, $2000 (4-26-60).

Physiology
Bagby, Roland, National Science Foundation Cooperative Fellow, nine months from September 16, 1960, $1650 (4-15-60).
Degroat, Drusilla A., Teaching Fellow, nine months from September 16, 1960, $1000.

Political Science
Allen, Kenneth E., Charles E. Merriam Fellow, nine months from September 16, 1960, $1800.
BENNETT, T. J., James Wilford Garner Fellow, nine months from September 16, 1960, $1800.

BERK, DARLA, James Wilford Garner Fellow, nine months from September 16, 1960, $1800.

DOUGLAS, STEVE A., Fellow, nine months from September 16, 1960, $1500.

GOODALL, LEONARD E., Fellow, nine months from September 16, 1960, $2000.

KAWASAKI, HEICHIRO, James Wilford Garner Fellow, nine months from September 16, 1960, $1800.

KEBSCHILL, HARVEY G., Fellow, nine months from September 16, 1960, $1500.

KITAJIMA, MRS. TAKAE, Fellow, nine months from September 16, 1960, $1500.

RATLIFT, DAVID P., Fellow, nine months from September 16, 1960, $1500.

SOKOLOW, D., Kendric C. Babcock Fellow, nine months from September 16, 1960, $1800.

SORENSEN, A. DON, Fellow, nine months from September 16, 1960, $1500.

STEPHENSEN, PATRICIA A., Fellow, nine months from September 16, 1960, $1500.

Radio and Television


Sociology

PRYKE, R. W. S., Fellow, nine months from September 16, 1960, $1500.

SUTTLES, GERALD D., Fellow, nine months from September 16, 1960, $1500.

Spanish

ALLEY, ETHEL H., Fellow, nine months from September 16, 1960, $1500.

KIRBY, HARRY L., Jr., Fellow, nine months from September 16, 1960, $1500.


SIRACUSA, JOSEPH, Teaching Fellow, nine months from September 16, 1960, $1000.

WALSH, JAMES L., Fellow, nine months from September 16, 1960, $1500.

Speech

HOOPS, RICHARD A., Fellow, nine months from September 16, 1960, $1500.

ROBINSON, H. W., Teaching Fellow, nine months from September 16, 1960, $1000.

ROSENFIELD, SYLVIA A. S., Fellow, nine months from September 16, 1960, $1500.

SLOAN, JOHN H., Fellow, nine months from September 16, 1960, $1500.

Theoretical and Applied Mechanics

CARLSON, DONALD E., National Science Foundation Cooperative Fellow, one year from June 1, 1960, $2200 (4-15-60).

COOK, ROBERT D., Fellow, nine months from September 16, 1960, $1500.

GUBSER, JOHN L., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).

HILL, JAMES L., Fellow (Teaching Intern), nine months from September 16, 1960, $2000.

HULTGREN, RONALD O., Fellow, nine months from September 16, 1960, $1500.

KEMP, E. L., Fellow, nine months from September 16, 1960, $1500.

RAUSCH, PAUL J., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $2000.

SCHWIEBERT, PHILLIP, Teaching Fellow, February 1-June 15, 1961, $500.

SLITER, GEORGE E., Fellow, nine months from September 16, 1960, $1500.

THOMS, ROBERT L., Engineering Faculty Development Teaching Fellow, one year from September 1, 1960, $800 (4-5-60).

Zoology

BRANDON, RONALD A., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).

BRUNNER, ROBERT W., Fellow, nine months from September 16, 1960, $1500.

CLARKE, RICHARD B., Fellow, nine months from September 16, 1960, $1500.


LEHMANN, WILMA H., Fellow, nine months from September 16, 1960, $1500.

MARKS, SUZANNE, Fellow, nine months from September 16, 1960, $2000.

WALKER, ROSA A., Fellow, nine months from September 16, 1960, $1500.

WILLIAMS, JOHN E., National Science Foundation Cooperative Fellow, one year from September 1, 1960, $2200 (4-15-60).
RESIGNATIONS, DECLINATIONS, AND CANCELLATIONS

AKCASU, ALAEDDIN, Research Associate in Pharmacology (Medicine) — resignation effective April 1, 1960.

ANDERSON, WILLIAM R., Associate Professor of Physics (Chicago Undergraduate Division) (Summer Session of 1960) — resignation effective June 20, 1960.

ANNIS, NORMAN L., Instructor in Art — resignation effective September 1, 1960.

BAUMAN, STEVEN, Assistant in Mathematics (Summer Session of 1960) — resignation effective June 20, 1960.

BOICE, LUBELLE, Fellow in Microbiology — resignation effective May 15, 1960.

CECE, JOSEPH D., Assistant in Obstetrics and Gynecology (Medicine) — cancellation effective October 1, 1959.

DOWD, CAROL C., Assistant in Occupational Therapy (Medicine) — resignation effective April 16, 1960.

GALLAGHER, MRS. MARY T., Instructor in English (Chicago Undergraduate Division) — resignation effective September 1, 1960.

GHOSH, ASOKE K., Assistant in Agronomy (S) — resignation effective May 1, 1960.

GUillemin, Victor, Professor of Biophysics, Department of Physiology (Medicine) and Biophysicist in the Aeromedical Laboratory — resignation effective September 15, 1960.

HASHIMOTO, TATSUICHIRO, Research Associate in the Institution for Tuberculosis Research — resignation effective June 14, 1960.

IRBY, H. E., Associate Professor of Civil Engineering, Civil Engineering Summer Surveying Camp (Summer Session of 1960) — resignation effective July 25, 1960.

KHACHATURIAN, NARBAY, Associate Professor of Civil Engineering (Summer Session of 1960) — resignation effective June 20, 1960.

KNOX, ROBERT S., Research Assistant Professor of Physics (S) — resignation effective July 1, 1960.

KOPPLIN, JULIUS O., Assistant Professor of Electrical Engineering (Summer Session of 1960) — resignation effective June 20, 1960.

LATHRAP, DONALD W., Instructor in Anthropology (Summer Session of 1960) — resignation effective June 20, 1960.

LEMBURG, WAYNE A., Instructor in Business Management — resignation effective June 1, 1960.

LI, TING Y., Professor of Aeronautical Engineering (C) — resignation effective September 1, 1960.

MALER, HENRY, Lecturer in Civil Engineering (Summer Session of 1960) — resignation effective June 20, 1960.

MAY, P. CONRAD, United States Public Health Service Fellow (Trainee) in Psychiatry (Chicago Professional Colleges) — resignation effective April 1, 1960.

MELOW, CARL R., Professor of Physical Sciences (Chicago Undergraduate Division) (Summer Session of 1960) — resignation effective June 20, 1960.

MYRICK, VESTA T., Resident Assistant, Arbor Suites — resignation effective April 15, 1960.

NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department (Summer Session of 1960) — resignation effective June 20, 1960.

OLIVER, WILLIAM A., Professor of Civil Engineering (Summer Session of 1960) — resignation effective June 20, 1960.

PATLOGAN, MRS. SYLVIA, Instructor in Foreign Languages (Chicago Undergraduate Division) — resignation effective September 1, 1960.

PETERS, JOSEPH A., Assistant in Mathematics (Summer Session of 1960) — resignation effective June 20, 1960.

ROBERTS, DONALD M., Assistant Professor of Mathematics (Summer Session of 1960) — resignation effective June 20, 1960.

SCHUMAHER, CLARENCE F., Assistant Professor of Agricultural Economics (S) — resignation effective May 9, 1960.

SINGH, RAJINDER, Fellow in Mathematics — resignation effective April 16, 1960.

STONE, CLARENCE W., Professor of Library Science — resignation effective September 1, 1960.

TRIANDAFILIDIS, G. E., Instructor in Civil Engineering (Summer Session of 1960) — resignation effective June 20, 1960.

WEDDING, NUGENT, Professor of Marketing (Summer Session of 1960) — declination effective June 20, 1960.

WHITE, CARLOS A., Research Assistant in Agricultural Entomology (Graduate College and Illinois Natural History Survey) — resignation effective May 20, 1960.

WOOLEY, MRS. HELEN, Rare Book Room Assistant with rank of Instructor — resignation effective September 1, 1960.

ZINCRONE, LOUISE D., Research Assistant in Economic Entomology (Illinois Natural History Survey and Graduate College) — resignation effective May 1, 1960.

LEAVES OF ABSENCE


FLANAGAN, JOHN T., Professor of English — leave of absence, without pay, for the academic year beginning September 1, 1960, so that he may accept a Fulbright lectureship for services at the Universities of Brussels, Liege, and Ghent.

FREYER, WARREN R., Instructor in English (Chicago Undergraduate Division) — leave of absence, with full pay, for the second semester of 1959-60, on account of disability.

GRAMPF, WILLIAM D., Professor of Economics (Chicago Undergraduate Division) — leave of absence, without pay, for the academic year beginning September 1, 1960, so that he may accept a visiting appointment in the Department of Economics at City College in New York.

HUCHMUTH, MARIE, Professor of Speech — leave of absence, without pay, for one year from September 1, 1960.

KAUFMAN, JEROME L., Assistant Professor of Community Planning — leave of absence, without pay, beginning July 15 and continuing to August 15, 1960, for the purpose of travel abroad.

LENG, EARL R., Professor of Agronomy, in the College of Agriculture and in the Agricultural Experiment Station — leave of absence, without pay, for six months from September 1, 1960, so that he may serve as Hybrid Maize Consultant in Yugoslavia. This is in addition to his sabbatical leave of absence.

LEVINE, SOLOMON B., Associate Professor of Labor and Industrial Relations — leave of absence, without pay, for one month beginning July 1, 1960, so that he may teach in the Department of Economics at Pennsylvania State University during the summer session.

LINSKY, LEONARD, Associate Professor of Philosophy — leave of absence, without pay, for one year from September 1, 1960.

VOLPI, LOUIS D., Assistant Professor of Marketing — leave of absence, without pay, for the academic year 1960-61, so that he may serve as Visiting Associate Professor of Business Administration at the Amos Tuck School of Business Administration of Dartmouth College.

VON NEUMANN, ROBERT A., Assistant Professor of Art — leave of absence, without pay, beginning May 1 and continuing through June 15, 1960, so that he may travel to Japan as a member of a four-man team under the auspices of the International Cooperation Administration to provide technical assistance to the Japanese handicraft industry.

ZIMMERMAN, VERNON K., Associate Professor of Accountancy — leave of absence, without pay, for the academic year 1960-61, so that he may accept a Fulbright visiting lectureship at the Institute of Commerce in Vienna, Austria.

CHANGE IN SABBATICAL LEAVE OF ABSENCE

MARTIN, DILLON E., Professor of Physics, in the College of Engineering— sabbatical leave of absence for the academic year beginning September 1, 1960, on one-half pay, instead of for the first semester on full pay and leave without pay during the second semester.

RETIREMENT

WHEELER, MRS. DOROTHEA M., Pharmacy Reference Librarian, with rank of Instructor, Emerita, effective May 3, 1960.
JULY MEETING
On motion of Mrs. Watkins, the Board voted to hold its July meeting in Chicago, Illinois, on Tuesday, July 26, 1960, the hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Swain, the Board adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President
MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

June 14, 1960

The June meeting of the Board of Trustees of the University of Illinois was held in the Illini Union Building, Urbana, Illinois, on Tuesday, June 14, 1960, beginning at 8:00 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Richard A. Harewood, Mr. Wirt Herrick, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. George T. Wilkins was not present when the meeting convened but joined the Board later, as indicated in these minutes. Governor William G. Stratton was absent.

Also present were President David D. Henry, Vice-President and Provost Gordon N. Ray, Dr. H. E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Executive Dean C. C. Caveny of the Chicago Undergraduate Division, Director C. S. Havens of the Physical Plant, Mr. Ralph F. Lesemann, Legal Counsel, Mr. C. E. Flynn, Director of Public Information, Mr. Joseph S. Begando, Assistant to the President, Dean Lyle H. Lanier of the College of Liberal Arts and Sciences and Vice-President and Provost-Elect, Professor Norman A. Parker, Chairman of the University Building Program Committee, Mr. Morris S. Kessler, Assistant Comptroller; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.
Meetings of the Board’s Committees on General Policy, Buildings and Grounds, and Finance were held on Monday evening, June 13, 1960, beginning at 8:00 p.m.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY

The Board took up consideration of the following reports and recommendations from the President of the University.

INTERNAL OPERATING BUDGET FOR 1960-61

(1) The University's internal operating budget for all divisions and funds for the fiscal year beginning July 1, 1960, for academic and administrative appointments beginning September 1, 1960, and for nonacademic personnel appointments beginning July 1, 1960, is submitted herewith. This budget has been prepared by the Vice-President and Provost and the Vice-President and Comptroller in accordance with policies recommended by the University Budget Committee and procedures approved by the President. It is based upon recommendations of deans, directors, and other administrative officers and has been reviewed by the President.

I recommend that this budget, covering the allocation of the estimated operating income from all sources for the year beginning July 1, 1960, be approved; and that the President of the University be authorized, in accordance with the needs of the University and the equitable interests involved and within total income, (a) to accept resignations, (b) to make such additional appointments as are necessary, subject to the provisions of the University Statutes and the Policy and Rules Relating to Compensation and Working Conditions of Nonacademic Employees, and (c) to make such changes and adjustments in items included in the budget as are needed, all such changes to be covered in the Vice-President and Comptroller's quarterly financial report, or in reports to the Board by its Secretary, provided that assignments for new projects or programs and for nonrecurring expenditures in excess of $2,500 shall be presented to the Board for prior approval.

The complete budget for all divisions of the University, with a "Condensed Analysis and Summaries," was submitted to the Finance Committee and to other members of the Board of Trustees at a work session held on May 16 at which the budget was reviewed in detail in consultation with the President of the University and other University officials. Action was deferred, pending further study of the budget by the members of the Board.

At another meeting of the Finance Committee held on June 13, the Committee voted to concur in the recommendations of the President of the University.

Following presentation of the budget to the Board of Trustees and further review by the President, the Vice-President and Provost, and the Vice-President and Comptroller, on motion of Mr. Swain, the budget was adopted, the President of the University was authorized to take the actions specified in his presentation, and the necessary appropriations were made, as recommended. This action was taken by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

The detailed budget appears as an appendix to these minutes on page 1407.

INTERNAL BUDGET OF THE ATHLETIC ASSOCIATION FOR 1960-61

(2) The Director of Intercollegiate Athletics submits, on behalf of the Board of Directors of the Athletic Association, the budget for the Association for 1960-61 which is summarized as follows with comparative figures for the preceding year:

<table>
<thead>
<tr>
<th>1959-60 (Revised)</th>
<th>1960-61</th>
<th>1960-61</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income</td>
<td>$1,179,200</td>
<td>$1,179,915</td>
</tr>
<tr>
<td>Appropriations</td>
<td>$1,300,365</td>
<td>$1,175,385</td>
</tr>
<tr>
<td>Excess of income over appropriations</td>
<td>$121,165</td>
<td>4,330</td>
</tr>
</tbody>
</table>
The budget has been examined and approved by the Vice-President and Provost and the Vice-President and Comptroller. I recommend that this budget be approved and that the President of the University be authorized to make such changes and adjustments, including approval of new appointments and acceptances of resignations, as are necessary and recommended by the Board of Directors of the Athletic Association within the total income realized.

On motion of Mr. Herrick, Chairman of the Committee on Athletic Activities, seconded by Mr. Swain, Chairman of the Finance Committee, this budget was approved. A copy of the budget was filed with the Secretary for record.

APPOINTMENTS TO THE FACULTY

The following new appointments to the faculty of the rank of Assistant Professor and above, and involving tenure, have been approved since the previous meeting of the Board of Trustees.

1. **William K. Archer**, Research Assistant Professor in the Institute of Communications Research, for five months from May 1, 1960, at a salary of $4,166 (G).
2. **Samuel T. Jones**, Assistant Professor of Ophthalmology, in the College of Medicine, beginning May 1, 1960, at an annual salary of $12,800 (DY).
3. **Eugene Kohlb Becker**, Visiting Assistant Professor of Mathematics, for two months from June 16, 1960, at a salary of $1,733 (G); and Visiting Assistant Professor of Mathematics, beginning September 1, 1960, at an annual salary of $7,800 (D).
4. **Pershon J. Van Alten**, Assistant Professor of Anatomy, in the College of Medicine, beginning September 1, 1960, at an annual salary of $8,000 (DY).

Appointment to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointment to a supervisory position of upper level responsibility.

1. **James E. Russell**, Routing Supervisor, Physical Plant Department, beginning May 1, 1960, at an annual salary of $6,000.

On motion of Mr. Johnston, these appointments were confirmed.

APPOINTMENT OF THE DEAN OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

Following the appointment of Dean Lyle H. Lanier of the College of Liberal Arts and Sciences as Vice-President and Provost of the University effective July 1, 1960, a special search committee was appointed to make nominations for the deanship of the College.

The Committee has unanimously nominated Professor Jack W. Peltason of the Department of Political Science. The nomination is also endorsed by the Executive Committee of the College and is concurred in by the Vice-President and Provost and the Dean of the Graduate College.

Accordingly, I recommend the appointment of Jack W. Peltason as Professor of Political Science on indefinite tenure and Dean of the College of Liberal Arts and Sciences, beginning September 1, 1960, and continuing through August 31, 1961, at a salary of $16,000 on "Y" basis.

On motion of Mr. Pogue, this appointment was approved.

APPOINTMENT OF DEAN OF DIVISION OF UNIVERSITY EXTENSION

Following the death of Dean Robert B. Browne of the Division of University Extension last year, a special search committee was appointed to make nominations for the deanship of the Division.

Edward H. Davidson, Professor of English, Chairman; Herbert E. Carter, Professor of Biochemistry and Head of the Department of Chemistry and Chemical Engineering; Robert J. Johnson, Professor and Head of the Department of Physiology; Alan K. Laing, Professor and Chairman of the Department of Architecture; Clyde F. Snider, Professor and Chairman of the Department of Political Science; Chester G. Starr, Professor of History; Royden Dangerfield, Associate Provost and Dean of Administration, Chairman; G. M. Almy, Professor and Acting Head of the Department of Physics; H. W. Haynes, Professor and Head of the Department of Marketing; R. T. Odell, Professor of Soil Physics; R. W. Rogers, Professor and Head of the Department of English; C. W. Sanford, Dean of Admissions and Records; G. W. White, Professor and Head of the Department of Geology.
tions for the deanship of the Division. In the meantime, Dr. Stanley C. Robinson, Professor of Business Administration and Associate Dean of the Division, has been serving as its chief administrative officer.

The search committee has unanimously nominated Dr. Robinson for the deanship. The nomination is also endorsed by the Executive Committee of the Division and is concurred in by the Vice-President and Provost and the Dean of the Graduate College.

Accordingly, I recommend the appointment of Stanley C. Robinson as Professor of Business Administration on indefinite tenure and Dean of the Division of University Extension beginning July 1, 1960, and continuing through August 31, 1961, at an annual salary of $15,000 on "Y" basis.

On motion of Mrs. Watkins, this appointment was approved.

**EXTENDED LEAVES FOR DISABILITY**

Prior to July 1, 1959, the University Retirement System provided that an employee was eligible for disability benefits immediately upon employment if the disability did not arise from a condition which existed on the day of employment, and after five years of service regardless of the cause of disability. An amendment of the Act creating the System, approved by the General Assembly effective July 1, 1959, provides that an employee is eligible for disability benefits immediately upon participation in the Retirement System if disability results from an accident, and after two years of service if disability results from illness.

This was an improvement in the System as a whole, but did result in a loss to certain employees employed prior to July 1, 1959, who have suffered disabilities prior to serving the minimum of two years now required. If the law had not been changed, these employees would have been entitled to disability benefits.

The Board of Trustees of the Retirement System has explored this fully to determine if it might pay these claims, but finds it can not legally do so. Therefore it is recommended that, during the transition period, the University extend its disability benefits by granting extended sick leave at half pay to the employee involved for the length of time the employee would have been entitled to such benefits if the Retirement System had not been amended.

I concur.

On motion of Mr. Herrick, this recommendation was approved.

**RENEWAL OF LEASES AT NAVY PIER FOR CHICAGO UNDERGRADUATE DIVISION**

The current leases with the city of Chicago for quarters at Navy Pier and the adjacent Drill Hall for the University of Illinois Chicago Undergraduate Division expired June 30, 1959. Negotiations with city of Chicago officials for renewal of these leases through the biennium of 1961-63 were initiated in the spring of 1959, and as a result of the discussions it was agreed that the University would prepare renewal documents with no changes in the provisions of the original leases executed in 1946, and renewed in 1954, except for (a) certain changes in the parking area which were agreed to in discussions, and (b) renewal providing for occupancy by the University for the biennium ending June 30, 1961, with the privilege on the part of the University to renew each of the leases for two successive periods of one year each, which would carry through to the period ending June 30, 1963.

The documents were delivered to city officials in June, 1959, for examination. There had been an indication that there might be further questions which city officials would want to discuss; and there was a delay due to the illness of the Port Director. The city returned the documents on May 19, 1960, stating that they were satisfactory and requesting that they be executed as quickly as possible so that the Port Director might place them before the meeting of the City Council early in June.

Since it was desirable to have the renewal of the leases in effect as soon as possible, the Vice-President and Comptroller executed the documents as requested by city officials.

I recommend that the Board of Trustees confirm the action thus taken and ratify the execution of the leases.

On motion of Mr. Clement, the actions taken were ratified by the
following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds from the University's General Reserve, and from funds available in the State capital appropriations to the University for 1959-61 for remodeling, for the following:

1. College of Agriculture
   Department of Agronomy, remodeling toilet facilities at Agronomy South Farm .................................................. $3,000
   Department of Animal Science, painting exterior surface and repairing windows of facilities at the Poultry Farm ................. 4,400
   Department of Forestry, alterations of space in Old Agronomy Storehouse for student laboratories .................................. 2,600
   Department of Horticulture, remodeling Room 115, Horticulture Field Laboratory ......................................................... 4,000

2. College of Education
   Remodeling of storage space and classrooms into laboratories in University High School, and purchase of laboratory equipment .... 19,600
   Remodeling classroom, and purchase of equipment ................................................................................................................. 14,700
   Exhaust hoods and equipment for chemistry, physics, and biology in University High School ................................................. 15,700

3. College of Liberal Arts and Sciences
   Department of Geology, enclosing court in Natural History Building for graduate student research in geology ................. 20,000

Total ................................................................................................................................................................................. $84,000

The Vice-President and Provost recommends the following operating appropriation from the University General Reserve for 1960-61:

1. Department of Animal Science, for operating expenses of animal breeding research program (a $200,000 grant for buildings for this program has been received from the Moorman Manufacturing Company of Quincy) ................................................... $10,800

I concur.

On motion of Mr. Swain, these assignments of funds were approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACTS FOR CONSTRUCTION OF ORCHARD DOWNS APARTMENTS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of the first group of the Orchard Downs Apartments of 252 units for married students, in the area west of Race Street and south of the present Orchard Place Apartments at Orchard Street and Florida Avenue; the award in each case is to the lowest bidder:

General — Shapland Construction Company, Champaign .................. $1,633,500
   Base bid ........................................................................................................... $1,560,200
   Additive Alternates:
      For servicing all other construction contracts which will be assigned to the general contractor ........ 23,650
      Ceramic tile floors in bathrooms instead of vinyl asbestos ......................... 5,850
      Construction of exterior concrete sidewalks and steps throughout the site 43,800

Electrical — Art-O-Lite Company, Galesburg ................................. 167,632
   Base bid ........................................................................................................... $149,816
   Plus additive alternate for installation of site lighting for roads, parking areas, and sidewalks 17,816
Plumbing — R. Hays Company, Inc., Champaign .......................... 169 848
Heating — Montefusco Heating, Peoria ................................... 87 920
Ventilating — Petry Roofing and Sheet Metal Company, Champaign .......................... 14 921
Site Work and Outside Utilities — Kuhne-Simmons Company, Inc., Champaign .................. 290 370

Base bid ............................. $ 292 470
Less deductive alternate for substitution of mechanical type joints for water mains instead of oakum and lead joints ...................... — 2 100

Funds for this and the second unit of the residence hall for graduate students will be available from the proceeds of the sale of “The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A,” bids on which are being received today. On the basis of the budget for this project, including the contracts being recommended herein, it can be completed within the estimated cost of $3,850,000 contemplated by the financing.

Subject to completion of the financing, I concur in the recommendation for the awards of these contracts.

Submitted herewith is a report from the Physical Plant Department on the bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

CONTRACTS FOR SANITARY SEWER AND AUXILIARY UTILITIES TO SERVICE ORCHARD DOWNS AREA

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for the construction and installation of sanitary sewer utilities — including a sewer outlet, lift station, force main, and intercepting sewer — to service the Orchard Downs area where the Orchard Downs Apartments for married students will be constructed and ultimately other buildings on the east side of the campus.

General — George S. Walker Plumbing and Heating, Inc., Decatur .................. $326 790
Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur ................ 12 618
Electrical (for Lift Station) — Champaign County Electric, Ogden .................. 49
Lift Station (to be furnished at the site) — Zimmer and Francescon .................. 13 147

The award in each case is to the lowest bidder. Submitted herewith is a report from the Physical Plant Department on the bids received, a copy of which is being filed with the Secretary of the Board for record.

Funds will be available for this in the proceeds from the sale of “The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A,” bids on which are being opened today.

I concur.

On motion of Mr. Harewood, these contracts were awarded, as recommended, by the follow vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Stratton, Mr. Wilkins.

REPORTS BY VICE-PRESIDENT AND PROVOST RAY AND DEAN SANFORD

At this point, Vice-President and Provost Ray reported briefly on the prospective enrollment for the academic year for 1960-61 as indicated by the total number of permits to enter which have been issued to date. The number of applications being received indicates a greater increase in enrollment in 1960 than was previously estimated.

He called on Dr. C. W. Sanford, Dean of Admissions and Records,
who discussed the increases in enrollments in terms of the scholastic quality of students applying for admission to the University.

At this point, Mr. George T. Wilkins joined the meeting.

**CONTRACTS FOR CONSTRUCTION OF RESIDENCE HALL FOR GRADUATE STUDENTS**

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts as follows for the construction of the second unit of a residence hall for graduate students on Green Street in Urbana to house 214 students; the award in each case is to the lowest bidder:

General — Johnson, Drake, and Piper, Inc., Terre Haute, Indiana...... $628 600

This includes $5,600 for servicing all other construction contracts which will be assigned to the general contractor.

Electrical — Knight Electric Company, Inc., Evansville, Indiana...... 52 160

Plumbing — George S. Walker Plumbing and Heating, Inc., Decatur.... 106 658

Heating — E. F. Shepler and Sons, Pekin.................. 54 873

(Emanuel E., Robert W., Jack H., and Richard L. Shepler, a partnership)

Ventilating — Schroeder and Sons Company, Champaign.............. 7 498

Funds for this and the Orchard Downs Apartments will be available from the proceeds of the sale of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A," bids on which are being received today.

Based on the budget prepared for this project, and including the contracts herein recommended, it can be completed within the estimated cost of $1,150,000 contemplated in the financing.

Subject to completion of the financing, I concur in the recommendation for the awards of these contracts.

Submitted herewith is a report from the Physical Plant Department on the bids received, a copy of which is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR TRANSFORMER VAULT AND SWITCHGEAR BUILDING AT THE CHICAGO PROFESSIONAL COLLEGES CAMPUS**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract for $23,386 to R. V. Monahan Construction Company, Chicago, Illinois, the lowest bidder, for the construction of an addition to the Research and Educational Hospitals Building to house transformers and switchgear. This will be the first phase of work to improve the electrical services and to eliminate a serious overload in the first unit of the Dentistry-Medicine-Pharmacy Building.

Funds are available in the state capital appropriations to the University for 1959-61 and have been released by the Governor for this purpose.

I concur.

On motion of Mr. Hughes, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT AND APPROPRIATIONS FOR DEVELOPMENT OF RECREATIONAL AREA**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend:

Authorization of the development of a recreational area — to include the construction of tennis courts, basketball practice courts, and a sidewalk along
Gregory Drive — in the area north of Stadium Drive and west of First Street for the use of students and staff. Part of this improvement is to replace the tennis courts at the corner of Fifth Street and Armory Avenue which will be the site of the Institute of Labor and Industrial Relations Building.

Award of a contract for $39,230 to Champaign Asphalt Company, Champaign, for construction of tennis courts. The balance of the work will be done by the Physical Plant Department.

An assignment of $27,000 from the General Reserve has already been made by the Board of Trustees for the relocation of the tennis courts and a supplementary assignment of $50,000 is required for the completion of this project.

I concur in the recommendation for the award of the contract and recommend the assignment of the additional funds needed.

Submitted herewith is a report from the Physical Plant Department on the bids solicited, a copy of which is being filed with the Secretary of the Board for record. Although bids were solicited by advertisement, as required by law, and a number of contractors were specifically invited to submit bids, only the Champaign Asphalt Company did, its price being based on use of a special asphalt surfacing for the tennis courts.

On motion of Mr. Herrick, the contract was awarded and the recommended assignment of funds was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

CONTRACTS FOR FUEL FOR THE CHICAGO UNDERGRADUATE DIVISION AND THE MEDICAL CENTER STEAM PLANT AT THE CHICAGO PROFESSIONAL COLLEGES

Coal for Medical Center Steam Plant

(14) The Director of the Physical Plant, the Business Manager of the Chicago Colleges and Divisions, and the Vice-President and Comptroller recommend award of a contract to the Crerar Clinch Coal Company, 3552 West Division Street, Chicago 51, Illinois, the lowest bidder, for an amount not to exceed 42,000 tons of screenings coal to be delivered to the Medical Center Steam Company plant, operated by the University, as required during the period September 1, 1960, to June 30, 1961, at a per ton cost of $4.65, plus transportation of $1.39, plus $0.95 for handling, storage, and delivery, or a total estimated cost not to exceed $293,580. This price is based on present wage scales and is subject to increase or decrease in the event wage contracts or freight rates now in effect are changed and any such change affects the price. The University has the right of approval of any such increase in price.

The lowest bid is determined by the number of British Thermal Units per one cent of cost, based on guaranteed analysis. A continuous check is provided to insure compliance with the specifications.

Fuel Oil for Medical Center Steam Plant

The aforesaid officers also recommend the purchase of a minimum of 8,000 gallons of No. 6 fuel oil with the option of purchasing as much more as may be required for emergency use, but not to exceed 450,000 gallons, for the 1960-61 heating season, from the Jewett and Sowers Oil Company, 2580 Archer Avenue, Chicago 8, Illinois, the lowest bidder, at a price not to exceed $0.0837 per gallon subject to adjustment in accordance with the posted price variations published in the “Oil Daily.” On the basis of a guaranteed maximum price ($0.0837 per gallon), the total cost of 8,000 gallons would not exceed $669.60, and of 450,000 gallons, $37,665.

The Medical Center Steam Company plant is equipped to burn either coal, gas, or oil. Winter operation has been with coal, and summer with gas. The fuel oil is for stand-by service. If used for emergency operation instead of gas or coal, there will be a corresponding reduction in expenditure for these two fuels.

Fuel Oil for Undergraduate Division

The aforesaid officers also recommend the purchase of No. 5 fuel oil, not to exceed 380,000 gallons, for the 1960-61 heating season, from the Crerar Clinch
Coal Company, 3552 West Division Street, Chicago 51, Illinois, the lowest bidder, at a current price of $0.0869 per gallon subject to adjustment in accordance with the posted price variations published in the "Oil Daily." On the basis of the price quoted and normal market fluctuations (market price of $0.0940 as of May 24, 1960), the total cost for 380,000 gallons would not exceed $35,720.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the contracts, subject to approval by the Governor as required by the State Constitution.

On motion of Mr. Clement, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR PLASTERING, PLASTER PATCHING AND REPAIRING, AND ACOUSTICAL WORK**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a cost-plus contract to Edmond T. Drewitch, Urbana, Illinois, the lowest bidder, for plastering, plaster patching and repairing, and acoustical work during the fiscal year beginning July 1, 1960, on the basis of the following terms: A contractor's fee of 14 per cent of all actual job costs, as determined by itemized billing, which will include $2.00 an hour for trucking of equipment and materials for actual time used solely for transportation; provided that not more than 8 per cent of the total cost of any job will be charged to trucking costs, unless the total cost is $25 or less.

I concur.

On motion of Mr. Johnston, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR FURNACE MAINTENANCE AND REPAIRS IN HOUSING UNITS**

(16) The Director of Housing, the Director of the Physical Plant, and the Vice-President and Comptroller recommend award of a contract to J. R. Boers Heating Company, Champaign, the lowest bidder, for furnace maintenance and repair work in the individual housing units operated by the University at Urbana-Champaign. This contract is for the fiscal year beginning July 1, 1960, to provide for services as required, payments to be made at the following rates which are those in effect during the current fiscal year ending June 30, 1960:

<table>
<thead>
<tr>
<th>Labor Rates</th>
<th>Straight Time</th>
<th>Overtime</th>
</tr>
</thead>
<tbody>
<tr>
<td>Furnace Mechanic</td>
<td>$2.00</td>
<td>$3.00</td>
</tr>
<tr>
<td>Mechanic's Helper</td>
<td>1.40</td>
<td>2.20</td>
</tr>
</tbody>
</table>

Contractor's Fee

For Labor: 30 per cent
For Materials: 30 per cent

Labor rates are subject to adjustment for changes in rates paid generally by the contractor to his workmen for similar work with right of cancellation of the contract reserved by the University if such changes do not meet with its approval.

Funds are available in the income of the Housing Division.

I concur.

On motion of Mr. Harewood, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

**CONTRACT FOR CONSULTING ARCHITECTURAL SERVICES**

(17) The firm of Richardson, Severns, Scheeler, and Associates, Champaign, Illinois, has been employed by the University for architectural services on over-all
campus planning and as a consultant on various phases of the building program for several years. The current contract, which is on a cost-plus basis, expires August 1, 1960. The Director of the Physical Plant and the Vice-President and Comptroller recommend renewal of this contract for one year for the following assignments:

**Chicago Professional Colleges**
1. Continue studies on the 1959-61 campus planning, including revision and development of programs for various college and department areas.
2. Studies on sites for Library and multi-purpose building.
3. Promotional studies for future projects on which outside financing can be anticipated.

Estimated cost $15,000. Funds are available in the appropriation “Architectural Studies for Future Buildings.”

**Urbana-Champaign**
2. Completion of consultant work on men’s residence halls, third phase (SM3).
3. Completion of consultant work on women’s residence halls, second phase (SW2).
4. Preliminary studies on future housing projects.

Estimated cost $3,000. Funds are available for item 1 in the appropriation “Trust—Peabody Drive Equipment and Construction 1959C” and for items 2 and 3 in the appropriation “Future Construction Plans.”

**Housing Program, Urbana-Champaign**
1. Completion of consultant work on men’s residence halls, third phase (SM3).
2. Completion of consultant work on women’s residence halls, second phase (SW2).
3. Preliminary studies on future housing projects.

Estimated cost $3,000. Funds are available for item 1 in the appropriation “Architectural Studies for Future Buildings.”

**Miscellaneous**
1. Participation in weekly planning meetings.
2. Consultant on planning and design for building projects on which the commissions have been assigned to others.
3. Other special consultant services as requested by the Physical Plant Department.

Estimated cost for item 1, $7,000; for items 2 and 3, $5,000. Funds are available for item 1 in the appropriation “Architectural Studies for Future Buildings.” Funds will be available for items 2 and 3 in appropriations for the specific projects on which these services are desired.

Payments for these services will be based on itemized payroll costs, plus 100 per cent for the firm’s overhead expenses and architect’s fees, with the same hourly rate structure as in the present contract.

I recommend authorization of this contract and assignments of the funds as indicated.

On motion of Mr. Swain, this contract was awarded, and assignments of funds, as recommended, were authorized, by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton; not voting, Mr. Pogue.

**CONTRACTS FOR MINOR BUILDING ALTERATIONS AND REPAIRS**

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommended awards of the following cost-plus contracts for minor building alterations, repairs, and construction during the fiscal year beginning July 1, 1960, the award in each case being to the lowest bidder on the basis of contractor’s fees. These contracts are for work which would not justify the cost of preparing
separate drawings and specifications and the expense of separate bidding pro-
dcedures on each project. It is a practice which the University has followed for a
number of years.

General — English Brothers, Champaign.
Electrical — Brunkow Electric Company, Champaign.
Plumbing — Thomas Plumbing and Heating Company, Urbana.
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems —
David W. Reichard Plumbing and Heating, Urbana.
Ventilating and Distribution Systems for Conditioned Air — Schroeder and Sons
Company, Champaign.

The work will be done only as ordered by the Physical Plant Department
and will be paid for on the basis of the actual cost of each job plus the con-
tractor's fees. A schedule of bids taken showing the percentages to be added for
work to be executed under cost-plus contracts is attached, and a copy of this
schedule is filed with the Secretary of the Board for record as the basis for the
contract awards recommended. Awards of these contracts will require no assign-
ment of funds at this time; each job will be covered by a contract change order
charged against funds allocated for it.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as
recommended, by the following vote: Aye, Mr. Clement, Mr. Hare-
wood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain,
Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none, absent, Mr.
Stratton.

CHANGES IN TELEPHONE SYSTEM ON URBANA CAMPUS

(19) Telephone service on the Urbana campus is provided through an administra-
tive system, which includes a central semi-automatically operated four-position
switchboard located in the Illini Union serving approximately 3,200 telephones,
and a residence hall system, which includes a central manually operated eight-
position switchboard located in Clark House serving 2,185 telephones in indi-
vidual student rooms in all the residence halls. The facilities of these systems
will be inadequate by September, 1961. The areas in which the switchboards and
equipment are now located are too small to permit expansion of the facilities
needed to meet additional requests for telephone service. Expansion of the
present system would require the construction of a new building of approximately
8,000 square feet at an estimated cost of $200,000, plus installation of cable neces-
sary to tie existing stations into the new switchboard location, and relocation of
switchboard equipment in the new building. Such expansion would not improve the
quality of service, nor would it provide space for unlimited expansion of the
system in the future.

The Illinois Bell Telephone Company has offered to replace the present sys-
tem with a single fully automatic system serving all University buildings, includ-
ing the residence halls, which would reduce the amount of space required from
2,300 square feet to 200 square feet. This would release space for office and
storage use in the Illini Union Building and Clark House. All the automatic
equipment would be in a new building to be constructed by the Illinois Bell
Telephone Company to serve the campus area, and would permit unlimited ex-
pansion of the system without the acquisition of more space by the University.
The system would permit all University telephones to be reached directly by out-
side callers without the assistance of an operator, and all University telephone
users could dial long distance or local points directly without the aid of an
operator. University operators would be available, however, to complete incoming
calls when such service is needed.

The operating costs of the automatic system would be slightly higher during
the first two years than the costs resulting from an expansion of the present
system; however, the large capital cost would be saved. After three years, the
operating costs of the automatic system will be less than the costs of the present
system expanded since fewer operators would be required.

The Director of the Physical Plant and the Vice-President and Comptroller
recommend that conversion to the fully automatic system be approved and that
the Comptroller be authorized to work out the necessary arrangements with the Illinois Bell Telephone Company.

I concur.

On motion of Mr. Swain this recommendation was approved.

**AMENDMENT TO EASEMENT ACROSS ALLERTON FARMS**

(20) The Board of Trustees has authorized an easement through one of the Allerton Farms for the construction of a pipe line by the Texas Illinois Natural Gas Pipeline Company. The Company's name has since been changed to the People's Gulf Coast Natural Gas Pipeline Company. The easement provides that the Company has the right, upon payment of an additional $3.00 per rod, to construct a second pipe line.

The easement covers a tract of land seventy-five feet wide. The pipe line does not cross University property in a straight line, but bends about 10° near the river. The Company's plans include crossing the river at a point about two hundred feet west of the existing pipe line, which will require an amendment to the present right-of-way agreement.

The Dean of the College of Agriculture and Vice-President and Comptroller recommend that the right-of-way agreement be modified to provide for the location of the second pipe line within a seventy-five foot right-of-way across the west half of the southwest quarter of section fourteen, township eighteen north, range five east of the third principal meridian, north of the Sangamon River, being 37.5' on each side of the following described center line:

Beginning at a point of entrance on the center line of the Sangamon River, said point being a distance of 53.6' east of the west line of section 14 measured along the center line of the river, thence in a northeast direction at an entrance angle of 78° a distance of 494.8' to a point; thence left 10° 12' in a northerly direction a distance of 2230.8' to a point of exit, said point being 336.5' east of the NW corner SW-Td section 13, containing in all an area of 4.69 acres more or less.

I concur.

On motion of Mr. Hughes, this change in the easement was authorized.

**EASEMENTS TO ILLINOIS POWER COMPANY AND ILLINOIS BELL TELEPHONE COMPANY**

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend that an easement be granted the Illinois Power Company in order to provide gas and electric service to the Orchard Downs Apartments, contracts for the construction of which are being recommended separately at today's meeting. They also recommend that an easement be granted to the Illinois Bell Telephone Company across University property at 201 West Pennsylvania Avenue, a residence used for staff housing, in order that the Company may install underground telephone cable serving properties in that area.

I concur and recommend the adoption of the following resolutions:

**Resolution Authorizing Granting of Easement to Illinois Power Company Under and Through the Site of the Orchard Downs Housing Project**

*Be It, and It Hereby Is Resolved* by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to ILLINOIS POWER COMPANY, an Illinois corporation, hereinafter referred to as “Grantee,” its successors and assigns, the right and easement to lay, operate, and maintain a pipe line and cable for the transmission of gas and electric power under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation and to pay for any damages which may be caused to properties of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said pipe line and cable. The right-of-way easement shall terminate ninety (90) days after the Grantee ceases to use said
province and said cable for rendition of service. The right-of-way easement shall be over the following-described property:

A tract of land designated for the use of University of Illinois Orchard Downs Housing located north of George Huff Drive extended and west of South Race Street in the E½, NW ½, Section 20, T19N, RgE, of the 3rd P.M., and being more fully described as follows:

Upon an easement comprising a strip of land 20.0 feet in width, the center line of which is a University water line and is described as follows:

Commencing at a point 270.33 feet west of the center line of Race Street and 548.67 feet north of the center line of George Huff Drive extended west; thence northeasterly 78.24 feet to a corner; thence northerly 170.00 feet to a corner; thence northwesterly 49.96 feet to a corner; thence northerly 230.33 feet to a corner; thence northwesterly 49.96 feet to a corner; thence westerly 92.00 feet to a corner; thence northerly 200.33 feet to a corner; thence easterly 115.33 feet to a corner; thence northeasterly 49.96 feet to a corner; thence northerly 284.33 feet to a corner; thence northwesterly 49.96 feet to a corner; thence westerly 166.33 feet to a corner; thence southerly 92.00 feet to a corner; thence westerly 137.00 feet to a corner; thence northerly 82.00 feet to a corner; thence northwesterly 49.96 feet to a corner; thence westerly 234.32 feet to a corner; thence southerly 61.85 feet to a corner; thence westerly 127.68 feet to a corner; thence southerly 57.33 feet to a corner; thence southeasterly 265.36 feet to a corner; thence southerly 169.15 feet to a corner; thence easterly 127.33 feet to a corner; thence southerly 188.00 feet to a corner; thence easterly 150.49 feet to a corner; thence southwesterly 52.69 feet to a corner; thence westerly 169.13 feet to a corner; thence westerly 70.33 feet to a corner; thence southerly 184.83 feet to a corner; thence southeasterly 72.58 feet to a corner; thence easterly 564.00 feet to the place of beginning, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 840.0 feet west of the center line of Race Street and 1662.8 feet north of the center line of George Huff Drive extended west; thence northerly 80.0 feet to the junction with an existing gas pipeline, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 876.0 feet west of the center line of Race Street and 1586.0 feet north of the center line of George Huff Drive extended west; thence northeasterly 120.0 feet, more or less, to a point 864.0 feet west of the center line of Race Street and 1702.0 feet north of the center line of George Huff Drive extended west, said point being the location of a power pole, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 764.0 feet west of the center line of Race Street and 1648.0 feet north of the center line of George Huff Drive extended west; thence northerly 20.0 feet, more or less, to a point 764.0 feet west of the center line of Race Street, and 1678.0 feet north of the center line of George Huff Drive extended west, said point being the location of a power pole, and

Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 412.0 feet west of the center line of Race Street and 540.0 feet north of the center line of George Huff Drive extended west; thence northerly a distance of 182.0 feet, more or less, to a point 500.0 feet west of the center line of Race Street and 722.0 feet north of the center line of George Huff Drive extended west, and
Upon an easement comprising a strip of land 10.0 feet in width, the center line of which is described as follows:

Commencing at a point 255.0 feet west of the center line of Race Street and 5400 feet north of the center line of George Huff Drive extended west; thence easterly a distance of 225.0 feet to the west property line of Race Street; said point being 5400 feet north of George Huff Drive extended west.

Resolution Authorizing Granting of Easement to Illinois Bell Telephone Company Over Property at 201 West Pennsylvania Avenue, Urbana, Illinois

Be It, and It Hereby Is Resolved by this Board of Trustees of THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to ILLINOIS BELL TELEPHONE COMPANY, an Illinois corporation, hereinafter referred to as “Grantee,” its successors and assigns, the right and easement to lay, operate, and maintain a communications cable for the transmission of telephonic signals under and through the land hereinafter described and the right of ingress to and egress therefrom. Grantee shall agree to repair any damage to property of this Corporation and to pay for any damages which may be caused to properties of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said cable. The right-of-way easement shall terminate ninety (90) days after the Grantee ceases to use said transmission line for rendition of service. The right-of-way easement shall be over the following-described property:

A strip of land having a maximum width of five (5) feet, the boundary of which is described as follows:

Situated in the State of Illinois, the County of Champaign, the City of Urbana, and being a part of the SW ¼ of Section 17, Township 19 North and Range 9 East of the Third Principal Meridian, and being also a part of Lot 1 of Block 1 of Hubbard Terrace, a Subdivision in Urbana, Illinois, as recorded in Plat Book D, Page 3 of the records of said County, and being more fully bounded and described as follows:

Beginning at the Southeast corner of said Lot 1; thence Northerly along the West property line of Race Street in the City of Urbana, a distance of 50 feet to a corner; thence Westerly along a line parallel to the South line of said Lot 1, a distance of 35.0 feet to a corner; thence Southerly along a line parallel to the West property line of Race Street, a distance of 2.0 feet to a corner; thence Westerly along a line parallel to the South line of said Lot 1, a distance of 22.49 feet to a corner in the West line of said Lot 1; thence Southerly along the West line of said Lot 1, a distance of 3.0 feet to the Southwest corner of said Lot 1; thence along the South line of said Lot 1, a distance of 57.44 feet to the place of beginning.

On motion of Mr. Clement, the foregoing resolutions were adopted.

GIFTS OF MR. AND MRS. HERMAN C. KRANNERT

(22) Mr. and Mrs. Herman C. Krannert of Indianapolis, whose generosity has made possible the Krannert Art Museum, have made an additional grant of $62,000 from the Krannert Foundation to the University of Illinois Foundation to be used in the construction of the Museum. This brings the total grant from the Krannert Foundation for this project to $300,000.

Mrs. Krannert has given securities to the University amounting to $71,023.91 for the purchase of the painting, “Christ After the Flagellation,” by Murillo. This will be a very important acquisition and will enhance the standard and character of the University’s entire art collection. The painting has been purchased at a cost of $68,000. Mrs. Krannert has requested that the remainder of the grant be added to the fund for the construction of the Museum.

I have written Mr. and Mrs. Krannert an appropriate acknowledgment of the gifts on behalf of the University and the Foundation.

This report was received for record.
THE JOHN WALLACE DALLENBACH FELLOWSHIP IN PSYCHOLOGY

Dr. Karl M. Dallenbach of the Class of 1910 and Mrs. Dallenbach have established a fellowship fund in psychology at the University in memory of their son, John Wallace Dallenbach, who died in the service of his country on June 11, 1944, while returning to England from a flight mission over France during World War II. This will be known as "The John Wallace Dallenbach Fellowship in Psychology."

They have made an initial gift of $10,000 and plan to make additional contributions to the extent possible each year until the contributions, plus accrued interest, amount to $50,000. The fund is to be invested and the interest added to the principal until the endowment can produce an income sufficient to provide an annual fellowship stipend at a level definitely above the average of those fellowships regularly offered by other departments of the University so that special distinction will attend the award.

The complete conditions of the award will be determined later, but in general the fellowship shall be awarded only to graduate students doing basic research in psychology and the particular fellow shall be selected by the Graduate College upon nomination by the Department of Psychology in accordance with the University's regular procedures for selecting candidates for endowed fellowships. No appointment shall be made for a period in excess of one academic year and no fellow shall be appointed more than once. The fellow shall not be required to teach or perform any other duty than to pursue a full program of graduate study and research but may have the opportunity of teaching part time if he wishes to do so.

I have accepted this offer with appropriate acknowledgments on behalf of the University.

This report was received for record.

AMENDMENT OF GENERAL RULES RELATING TO PURCHASES

The General Rules Concerning University Organization and Procedure provide purchases amounting to $2,500 or more shall be submitted to the Board of Trustees or its Executive Committee for prior approval unless in the opinion of the President of the University necessity requires immediate action in which case he shall act and report to the Board. This provision does not apply to the purchase of food products, grain, livestock, or to any other commodities as the Board may from time to time exempt.

Prior to the adoption of the present Rules which became effective January 1, 1958, the Board regulations required that purchases amounting to $2,500 or more "made from general funds or non-itemized appropriations" shall be submitted to the Board of Trustees or to the Executive Committee . . . " for approval. It had been determined that this former rule did not apply to equipment, materials, or commodities purchased for resale to students and others, even though the purchase amounted to more than $2,500 in each case, since they were not charged against general funds or non-itemized appropriations and this practice has been continued under the present Rules.

In order to continue the practice which has been in effect, the Vice-President and Comptroller recommends that the Board authorize exemption from the requirement of advance approval by the Board of Trustees or its Executive Committee of purchases of items for resale to any parties other than a University department. This would not in any way modify the procedures applicable to purchases under the State Purchasing Act since all purchases of $1,500 would continue to be subject to the sealed bidding requirement of the Act. The only change would be exempting such recommendations from specific Board approval and this would expedite the purchase of stocks of commodities such as textbooks and school supplies for the Illini Union Bookstore, newspapers, magazines, candy, tobacco products, and sundries for the Illini Union Building and the canteen operations in the residence halls, all of which are for resale to students and parties other than a University department.

I concur.

On motion of Mr. Herrick, this recommendation was approved.
(25) The following purchases were authorized by the Executive Committee of the Board of Trustees on recommendation of the Director of Purchases, the Vice-President and Comptroller and with the concurrence of the President of the University.

### Purchases Authorized

One curve and point plotting system composed of one each Moseley Model 48 autograf recorder, Model 42 digital translator including Model 41 serial entry keyboard, one Friden motorized tape reader including take-up and unwind reels for five-level tape, and one plug-in command recognition matrix less components

One self-contained air conditioning unit with two five-horsepower compressors

One self-contained air conditioning unit with one three-horsepower compressor

Three air-cooled condensers for above units

On motion of Mr. Johnston, these purchases were approved.

### Purchases Recommended

The Director of Purchases has proposed and the Vice-President and Comptroller recommends the following purchases. Unless otherwise specified, the purchase in each case is recommended on the basis of the lowest acceptable bid.

**Item** | **Department** | **Vendor** | **Cost**
--- | --- | --- | ---
Testing services required in connection with the Illinois County Scholarship Testing Program | Admissions and Records | The Psychological Corp., New York, N.Y. | $3,196.97
One transfer printer for student record posting and accessories | Admissions and Records | Addresograph-Multigraph Corp., Peoria | $4,390.00
80 drawing tables with fixed sloping top, 42 in. x 30 in. x 37 in. H (front)-41 in. H (rear) | Architecture | Brodhead-Garrett Co., Cleveland, Ohio | $3,396.00
One monochrometer, grating type, grating to be blazed for maximum intensity in the region of 600 to 1000 m., range 3,000 to 10,000 angstroms | Botany | Chicago Apparatus Co., Chicago | $2,538.00
Furnish labor and materials to replace concrete floor in basement of laboratory on the site of the Department's antenna installations south of Bondville, Illinois | Electrical Engineering | E. H. Grothe, Tolono | $2,550.00
One lot of unitized laboratory furniture | Horticulture | E. H. Sheldon Equipment Co., St. Louis, Mo. | $2,650.00
One fermentor drive assembly with three fermentors, motor and control unit, three foam control units; for use in metabolic studies under controlled-submerged conditions of temperature, agitation, and aeration | Horticulture | New Brunswick Scientific Co., Inc., New Brunswick, N.J. | $4,517.00
One refrigerated centrifuge, superspeed, 208 volts, 60 cycle | Microbiology | Ivan Sorvall, Inc., Norwalk, Conn. | $2,965.00
Two rotors, high speed (one with 400 ml. batch capacity; one for 310 ml. bottles, with six adapters for GSA rotor) | Physics | R. S. Landauer, Jr. & Co., Matteson | $2,064.00
Radiation detection film badge service for the period July 1, 1960, through June 30, 1961: 3,380 beta-gamma film badges 190 beta-gamma finger badges 1,170 neutron-beta-gamma film badges | Physics | Gardner-Denver Co., Quincy | $2,565.33
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<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
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<tr>
<td>Three microscopes, compound, four objective 3.5X, 10X, 45X, 97X, with illuminator</td>
<td>Veterinary Medicine Zoology</td>
<td>A. S. LaPine &amp; Co., Chicago</td>
<td>$1,373.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One microscope, stereo, magnifications 10X through 45X, with illuminator</td>
<td>Biological Sciences (Chicago Undergraduate Division)</td>
<td>H. Reeve Angel &amp; Co., New York, N.Y.</td>
<td>$6,482.00 delivered</td>
</tr>
<tr>
<td>Four microscopes, stereo, with 10X, 20X, 40X, 100X, with illuminator</td>
<td>Biochemistry (College of Medicine)</td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>$4,400.00 delivered</td>
</tr>
<tr>
<td>One plant growth chamber, complete with timer, programmer, humidity control, air filter, illumination VHO lamps, and temperature extended range</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>One spectrophotometer and accessories</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>One 15 in. bench lathe complete with motor and accessories</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One eight-channel electroencephalograph and console mounting table 20,000 chloramphenicol 250 mg. capsules (approximately three month's supply)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>64 tables and 280 chairs (replacement furniture for staff dining room in Research and Educational Hospitals)</td>
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<tr>
<td>One three-projector spatial aerotriangulator and precise stereoplotter</td>
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</tr>
<tr>
<td>Furnish color photo-finishing services as requested for period of July 1, 1960, through June 30, 1961, including development of color films, Kodak duplication of color slides, and Kodak color prints and color enlargements from color transparencies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>One complete series of 48 thirty-minute black and white 16 mm. genetics films</td>
<td>Audio-Visual Aids Service</td>
<td>McGraw-Hill Book Co., Inc., New York, N.Y.</td>
<td>$4,100.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Approximately 64,300 size 2 1/4 in. x 3 1/2 in. glossy prints of student ID cards</td>
<td>Security Office</td>
<td>Techniprint Film Laboratory, Champaign</td>
<td>$2,507.70 delivered</td>
</tr>
<tr>
<td>Yearly affiliation fee for television programming service for period July 1, 1960, through June 30, 1961</td>
<td>Television-Motion Pictures</td>
<td>National Educational Television &amp; Radio Center, New York, N.Y.</td>
<td>$9,000.00 shipped f.o.b. point</td>
</tr>
<tr>
<td>Miscellaneous Kodak photographic films and papers as requested by various departments for the period July 1, 1960, through June 30, 1961</td>
<td>Various Departments, Urbana and Chicago</td>
<td>Watland, Inc., Chicago</td>
<td>$27,070.54 delivered</td>
</tr>
<tr>
<td>Four &quot;C&quot; piccolos</td>
<td>University of Illinois Bands</td>
<td>School Music Service, Inc., Champaign</td>
<td>$4,400.50 delivered</td>
</tr>
<tr>
<td>Three bass clarinets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five cornets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Five double bass tubas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>less trade-in allowance for two piccolos, three bass clarinets, five cornets, and five double bass tubas</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Print and bind 2,000 copies, approximately 285 pages per copy, A History of the Weather Bureau, by Donald R. Whitman</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Steel office furniture for the Central Food Stores warehouse as follows: 7 desks 5 tables 14 upholstered chairs 2 cabinets 3 bookcases 13 filing cabinets</td>
<td>Housing Division</td>
<td>All-Steel Equipment, Inc., Aurora</td>
<td>$4,185.45 f.o.b. delivered</td>
</tr>
<tr>
<td>Two self-contained air-conditioning units, ten-ton capacity, with remote air-cooled condensers complete with all necessary controls</td>
<td>Housing Division</td>
<td>The Trane Co., Peoria</td>
<td>$3,976.00 f.o.b. delivered</td>
</tr>
<tr>
<td>750 boxes (80 pieces per box) asphalt tile 9 x 9 x 3/8 in., color group C</td>
<td>Housing Division</td>
<td>Morton Floors, Inc., Chicago</td>
<td>$127.50 f.o.b. delivered</td>
</tr>
</tbody>
</table>
I328 BOARD OF TRUSTEES [June 14

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reagent grade solvents to be ordered as required for the period of July 1, 1960, through June 30, 1961 as follows:</td>
<td>General Chemical Stores</td>
<td>Mallinckrodt Chemical Works, St. Louis, Mo.</td>
<td>$2,910.00</td>
</tr>
<tr>
<td>6,480 pounds ether</td>
<td>J. T. Baker Chemical Co., Chicago</td>
<td>For ether</td>
<td>2,030.00</td>
</tr>
<tr>
<td>5,760 pints acetone</td>
<td></td>
<td>For chloroform</td>
<td></td>
</tr>
<tr>
<td>4,110 pints chloroform</td>
<td></td>
<td>For methanol</td>
<td></td>
</tr>
<tr>
<td>6,000 pints methanol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,152 reams No. 4 sulphite bond paper in various sizes, weights, and colors (estimated six to eight months' supply)</td>
<td>Office Supply Stores</td>
<td>Graham Paper Co., St. Louis, Mo.</td>
<td>6,080.95</td>
</tr>
<tr>
<td>690,000 paper cups</td>
<td>Crescent Paper Co., Champaign</td>
<td></td>
<td>7,587.95</td>
</tr>
<tr>
<td>10,000 pint containers with lids</td>
<td></td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>6,000 food trays</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>76,000 napkins</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 cases waxed paper</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60,000 plastic knives and forks</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>33,000 wooden spoons</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40,000 sandwich bags</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,600,000 butterchips</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1,750 cases paper towels</td>
<td></td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>4,100 cases toilet tissue</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Furnish and install 170 gymnasium basket racks complete with baskets in the west ground floor and first floor locker rooms of the Men’s Old Gymnasium</td>
<td>Physical Plant</td>
<td>Jack Sheean, Bloomington</td>
<td>9,521.72</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>Lumber to be purchased as required for period of July 1, 1960, through December 31, 1961 (quantities are estimates only):</td>
<td>Physical Plant</td>
<td>Hillcrest Lumber Co., Champaign</td>
<td>6,151.35</td>
</tr>
<tr>
<td>6,000 bd. ft. No. 3 spruce</td>
<td></td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>25,000 bd. ft. construction grade fir</td>
<td></td>
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<tr>
<td>4,000 bd. ft. &quot;C&quot; select ponderosa pine</td>
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</tr>
<tr>
<td>2,900 bd. ft. fir flooring</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Approximately 1,185 sheets miscellaneous plywood as required for the period July 1, 1960, through December 31, 1961</td>
<td>Physical Plant</td>
<td>Hillcrest Lumber Co., Champaign</td>
<td>5,817.59</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>Approximately 600 pieces of 6 in. x 8 in. x 6 ft. precast concrete curb</td>
<td>Physical Plant</td>
<td>Martinl Metal &amp; Concrete Products, Champaign</td>
<td>3,525.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>30 standard four-door sedans</td>
<td>Physical Plant</td>
<td>Gregory Ford Co., Decatur</td>
<td>5,955.00</td>
</tr>
<tr>
<td>Seven station wagons</td>
<td></td>
<td>Seven standard sedans:</td>
<td>4,608.00</td>
</tr>
<tr>
<td>One special four-door sedan for police use</td>
<td></td>
<td>Seven station wagons</td>
<td>7,158.00</td>
</tr>
<tr>
<td>Two pickup trucks, 3/4 ton</td>
<td>University Ford Sales, Champaign</td>
<td>Courtesy Motor Sales, Inc., Chicago (Ford)</td>
<td>6,205.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>One pickup truck</td>
<td>1,856.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lawder Bros., Inc., Chicago (Ford)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Two standard sedans</td>
<td>1,220.00</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>University Ford Sales, Champaign</td>
<td>2,845.53</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(56,874.53)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

On motion of Mr. Johnston, these purchases were authorized.
CHANGE IN POLICY ON PURCHASE OF MOTOR VEHICLES

(26) It is the practice of the University to replace motor vehicles in the University's fleet after they have been driven three years, or 45,000 miles, whichever occurs first. The Vice-President and Comptroller reported that experiments with earlier trade-ins indicate that it may be more economical to replace motor vehicles annually, and in the purchases just authorized three of the passenger cars being purchased are to replace vehicles which have been in service for one year.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed during the period May 1 to 31, 1960.

<table>
<thead>
<tr>
<th>With Whom</th>
<th>Purpose</th>
<th>Amount to be Paid to the University</th>
<th>Effective Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Bird Products, Inc.</td>
<td>Epidemiology and control of psittacosis and psittacoid diseases</td>
<td>$ 6,440.00</td>
<td>April 15, 1960</td>
</tr>
<tr>
<td>American Dairy Association</td>
<td>Protein-fat combining reactions in mixtures of protein with butterfat and other fats and oils during heating</td>
<td>5,000.00</td>
<td>April 4, 1960</td>
</tr>
<tr>
<td>Commonwealth Edison Co.</td>
<td>Prospects for lime-pezzolan mixtures and lime stabilization of soils</td>
<td>5,700.00</td>
<td>May 16, 1960</td>
</tr>
<tr>
<td>Country Club Hills Playground and Recreation Board</td>
<td>Recreation and park survey</td>
<td>500.00</td>
<td>May 9, 1960</td>
</tr>
<tr>
<td>International Minerals &amp; Chemical Corp.</td>
<td>Factors influencing the decomposition of rock phosphate in soils</td>
<td>2,000.00</td>
<td>March 31, 1960</td>
</tr>
<tr>
<td>Minneapolis-Honeywell Regulator Co.</td>
<td>Fellowship in engineering or physical sciences</td>
<td>2,500.00</td>
<td>May 10, 1960</td>
</tr>
<tr>
<td>State of Illinois State Housing Board</td>
<td>Factors and conditions affecting potential of land for recreation and other space uses</td>
<td>15,000.00</td>
<td>April 19, 1960</td>
</tr>
<tr>
<td>Steger, Village of</td>
<td>Recreation and park survey</td>
<td>500.00</td>
<td>March 7, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-880</td>
<td>Diffusion and imperfections in metals</td>
<td>20,000.00</td>
<td>March 28, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-882</td>
<td>Superconductivity and related theoretical problems of the solid state</td>
<td>34,156.00</td>
<td>April 7, 1960</td>
</tr>
<tr>
<td>United States Air Force AF 49(638)-896</td>
<td>Element abundances and stellar synthesis of elements</td>
<td>69,602.00</td>
<td>March 30, 1960</td>
</tr>
<tr>
<td>United States Army DA 36-339-SC-85122</td>
<td>Techniques for military applications</td>
<td>400,000.00</td>
<td>May 12, 1960</td>
</tr>
<tr>
<td>United States Atomic Energy Commission RCD 60-38</td>
<td>Personnel to attend the AEC-ASEE summer institute</td>
<td>2,299.00</td>
<td>May 6, 1960</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-890</td>
<td>Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds</td>
<td>6,850.00</td>
<td>April 29, 1960</td>
</tr>
<tr>
<td>United States Atomic Energy Commission AT(11-1)-891</td>
<td>Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash photolysis</td>
<td>7,667.00</td>
<td>April 29, 1960</td>
</tr>
<tr>
<td>United States Bureau of Public Roads CPR 11-7768</td>
<td>Behavior of welded flexural members fabricated of A-142 low alloy steel</td>
<td>15,000.00</td>
<td>July 1, 1959</td>
</tr>
<tr>
<td>United States Department of Agriculture</td>
<td>Information from farm families on their incomes, savings, and investments, including assets and debts</td>
<td>33,908.00</td>
<td>April 20, 1960</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare, Office of Vocational Rehabilitation</td>
<td>Conducting an institute on rehabilitation of the epileptic</td>
<td>10,400.00</td>
<td>February 23, 1960</td>
</tr>
<tr>
<td>United States Federal Aviation Agency</td>
<td>Establish a 240 volt, three-wire, single phase electric service in control tower building, University of Illinois Airport</td>
<td>375.23</td>
<td>November 1, 1959</td>
</tr>
</tbody>
</table>
GIFT OF PAINTING FROM NATIONAL ACADEMY OF DESIGN

(28) The National Academy of Design, New York, New York, has recently offered the University a painting, "Wreck of the Sea Prince," by John C. Pellew. The Dean of the College of Fine and Applied Arts recommends acceptance as it would be a desirable addition to the University's art collections. The National Academy of Design required the execution of a formal agreement by the University and the adoption of the following resolution:

**Resolved,** That this institution hereby agrees with the NATIONAL ACADEMY OF DESIGN and with the NATIONAL COLLECTION OF FINE ARTS at Washington, administered by the SMITHSONIAN INSTITUTION, to receive from the NATIONAL ACADEMY OF DESIGN the painting entitled WRECK OF THE SEA PRINCE by John C. Pellew purchased from the Henry W. Ranger Fund and hereby agrees to hold same subject to and abide by the terms stated in the Will of the late Henry W. Ranger which reads as follows:

"All pictures so purchased are to be given by the Council to Art institutions in America, or to any library or other institutions in America maintaining a gallery open to the public, all such gifts to be upon the express condition that the National Collection of Fine Arts at Washington, administered by the Smithsonian Institute [Institution] shall have the option and right, without cost, to take, reclaim and own any picture for their collection, provided they exercise such option and right at any time during the five-year period beginning ten years after the artist's death and ending fifteen years after his death, and if such option and right is not exercised during such period, the picture shall remain and be the property of the institution to which it was first given. The words 'America' and 'American' shall be construed as equivalent to 'North America' and 'North American' respectively."

**Resolved,** That the Comptroller and Secretary are hereby authorized and directed to execute such instrument on behalf of this institution as may be necessary or desirable to carry the foregoing resolution into effect.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute such an instrument.

On motion of Mr. Clement, this agreement was authorized, and the resolution was adopted.

**RESOLUTIONS**

Mr. Johnston offered the following resolution:

---

*Deduct.*
To Gordon N. Ray

The deep sense of regret which the members of the Board of Trustees of the University of Illinois have felt since your decision to leave the University to accept the post of Associate Secretary General of the John Simon Guggenheim Foundation has been somewhat assuaged by the fact that you will continue serving the academic world in another and broader area.

In fourteen years at the University of Illinois you have been one of its distinguished scholars, a great teacher, and an able administrator. In all these areas you have had the respect and admiration of your colleagues on the faculty and associates in the University administration. The Board desires to take occasion to recognize publicly your services to Illinois and to express its warm appreciation.

May you have continued success in your new work; and with this go our best wishes for good health and happiness in many years to come.

This resolution was unanimously adopted by a rising vote.

Mrs. Watkins offered the following resolution:

To Herbert E. Longenecker

The Board of Trustees of the University of Illinois desires to record officially its appreciation of your five years of devoted service to the University of Illinois as Vice-President in charge of its Chicago Professional Colleges.

You came into this position at a time when constructive leadership was greatly needed in a complex area of the University's total operations and services to the State. The results of your work in the relatively short time you have been at the University will continue to reflect this able leadership in the years ahead.

We wish for you every success in your new post as President of the Tulane University of New Orleans, and many years of good health and happiness for you and your family.

This resolution was unanimously adopted by a rising vote.

AMENDMENT OF SECTION 1, ARTICLE I, OF THE BY-LAWS OF THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

(29) Typewritten copies of this proposed amendment were furnished each member of the Board of Trustees at the beginning of today's meeting.

Mr. Johnston moved that Section 1, Article I, of the By-Laws of the Board of Trustees of the University of Illinois be amended effective September 1, 1960, to read:

Section 1. The Board of Trustees shall hold an annual meeting on the second Tuesday of March, unless the date of such meeting be changed by the Board. The Board shall hold other regular meetings on the (second) third Wednesday of each month except March; the date of any meeting may be changed by vote of the Board or by order of the President thereof; any monthly meeting may be omitted by vote of the Board or by order of the President thereof, in case it appears that the amount and nature of the business to be presented is not sufficient to justify a meeting.

The change is to delete the word (second) and to insert in lieu thereof the word third, as indicated above.

This motion was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

DEGREES CONFERRED

The Secretary presented for record the list of degrees conferred at the Chicago Professional Colleges on June 10, 1960, and on other dates indicated, and the list of degrees to be conferred at Urbana on June 18, 1960, in accordance with the authorization of the Board of Trustees.

Summary

Honorary Degrees, conferred at Urbana:

Doctor of Engineering................................. 1
Doctor of Science ................................................................. 2
   Total, Honorary Degrees .................................................. (3)

Degrees in the Graduate College, conferred at Urbana:
   Doctor of Philosophy ......................................................... 140
   Doctor of Education ......................................................... 14
   Master of Arts ................................................................. 63
   Master of Science ............................................................. 288
   Master of Music ................................................................. 13
   Master of Education ........................................................... 57
   Master of Social Work ........................................................ 25
   Master of Fine Arts ............................................................ 4
   Master of Accounting Science ............................................... 6
   Master of Architecture ....................................................... 2
   Master of Laws ................................................................. 1
   Master of Television ........................................................... 1
   Advanced Certificate in Education ......................................... 9
   Total, Graduate College .................................................... (633)

Degrees in Law, conferred at Urbana:
   Bachelor of Laws ............................................................... 40

Degrees in Veterinary Medicine, conferred at Urbana:
   Bachelor of Science ........................................................... 29
   Doctor of Veterinary Medicine ............................................... 41
   Total, Veterinary Medicine ................................................ (70)

Baccalaureate Degrees, conferred at Urbana:
   Bachelor of Science, College of Agriculture ................................ 179
   Bachelor of Science, College of Engineering ................................ 377
   Bachelor of Naval Science, College of Engineering .................... 1
   Bachelor of Arts, College of Liberal Arts and Sciences ................ 334
   Bachelor of Science, College of Liberal Arts and Sciences ............. 220
   Bachelor of Science, College of Education ................................ 157
   Bachelor of Science, College of Commerce and Business Administration 222
   Bachelor of Science, College of Journalism and Communications ....... 50
   Bachelor of Architecture, College of Fine and Applied Arts .......... 85
   Bachelor of Fine Arts, College of Fine and Applied Arts ............... 51
   Bachelor of Music, College of Fine and Applied Arts ................... 6
   Bachelor of Science, College of Fine and Applied Arts ................. 44
   Bachelor of Science, College of Physical Education .................... 77
   Bachelor of Science, Division of Special Services for War Veterans .. 20
   Total, Baccalaureate Degrees ............................................. (1,838)
   Total, Degrees Conferred at Urbana .................................... (2,590)

Degrees in the Graduate College, conferred at Chicago:
   Doctor of Philosophy .......................................................... 13
   Master of Science ............................................................. 34
   Total, Graduate College .................................................... (47)

Degrees in Dentistry, conferred at Chicago:
   Bachelor of Science ........................................................... 47
   Doctor of Dental Surgery ..................................................... 89
   Total, Dentistry ............................................................... (136)

Degrees in Medicine, conferred at Chicago:
   Bachelor of Science in Medicine .......................................... 157
   Bachelor of Science in Occupational Therapy .............................. 7
   Doctor of Medicine ............................................................ 190
   Total, Medicine ............................................................... (324)

Degrees in Nursing, conferred at Chicago:
   Bachelor of Science ........................................................... 23
Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science................................. 89
Total, Degrees Conferred at Chicago............... (619)
Total, Urbana and Chicago........................... 3,209

 Degrees Conferred at Urbana

HONORARY DEGREES

Degree of Doctor of Engineering

JAMES RHYNE KILLIAN, JR.

Degree of Doctor of Science

EDWARD ADELBERT DOISY
VINCENT DU VIGNEAUD

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy
PHILIP EUGENE FESS, B.S., Miami University, 1953; M.S., 1955

In Agricultural Economics
RICHARD KENNETH NOLES, B.S., M.S., University of Florida, 1955, 1957
REX ALAN PATTERSON, B.Com., University of Queensland, 1956; M.S., 1959
LOWELL EDWIN WILSON, B.S., Murray State College, 1953; M.S., University of Kentucky, 1957

In Agronomy
PARMANAND SWARUP BHATNAGAR, B.S., M.S., University of Lucknow, 1939, 1941
SHANTI SWARUP KHANNA, B.S., M.S., Agra University, 1952, 1954
WILLIAM CALVIN MARTIN, B.S., M.S., 1954, 1957

In Animal Nutrition
RUSSELL AUSTIN VAN DYKE, A.B., Hope College, 1951; M.S., University of Michigan, 1953

In Animal Science
CHARLES ROGER ADAMS, B.S., Rutgers University, 1950; M.S., 1951
JOHN PATTON BAKER, B.S., M.S., Agricultural and Mechanical College of Texas, 1947, 1951
EDWARD WALKER DAYTON, JR., B.S., Louisiana State University, 1951; M.S., 1958
WILLIAM ARLISS DUDLEY, B.S., Iowa State University of Science and Technology, 1956; M.S., 1957
DARYLE EUGENE GREENE, B.S.A., M.S., University of Arkansas, 1954, 1955
GLEN LOUIS HEUBERGER, B.S., Iowa State University of Science and Technology, 1954; M.S., 1958
ROBERT CHUENG-SHYANG MA, Graduate, National Central University, 1948; M.S., University of Tennessee, 1957
GERALD WAYNE MCWARD, B.S., M.S., 1956, 1957
RICHARD ALBERT NOTZOLD, B.S., Purdue University, 1953; M.S., 1954
HOWARD NELSON WATERHOUSE, B.S., University of Maine, 1954; M.S., 1958

In Botany
DONALD DAVIS MCLAIN, JR., B.S., M.S., 1952, 1956
DONALD LAVERGNE SHAVER, B.S., M.S., 1949, 1957

In Business
JAMES FREDERICK ENGEL, B.S., Drake University, 1956; M.S., 1957

In Ceramic Engineering
ELWIN LEROY JOHNSON, B.S., M.S., 1956, 1957
In Chemical Engineering

JAMES EDWIN BENJAMIN, B.S., Purdue University, 1955; M.S., Iowa State University of Science and Technology, 1957
THOMAS DUNSKUS, Cand. Ing., Technical University of Berlin, 1955; M.S., 1957
ARNOLD HERSHMAN, B.S., Case Institute of Technology, 1956; M.S., 1958
KENNETH BERNARD KEATING, B.Ch.E., M.Ch.E., Polytechnic Institute of Brooklyn, 1953, 1955
SHELDON WIEDERHORN, B.S., Columbia University, 1956; M.S., 1958

In Chemistry

RONALD WEBSTER B.S., University of California (Berkeley), 1955
ARTHUR WALLACE CORDES, B.S., Northern Illinois University, 1956; M.S., 1958
LAURENCE FRANCIS DEMPESEY, B.S., Pennsylvania State University, 1946
GEORGE FREDERICK FANTA, B.S., Purdue University, 1956
RICHARD LEE HARRIS, A.B., North Central College, 1956
PAULINE PAO-LIANG Ho, B.S., Michigan State University, 1955; M.S., 1957
ERNEL DEAN IHNEN, B.S., Western Illinois University, 1946; M.S., Brigham Young University, 1956
BRUCE RICHARD KARSTETTER, B.S., Purdue University, 1955; M.S., 1956
WILLIAM JOHN KOEL, Jr., B.S., M.S., Xavier University (Ohio), 1955, 1957
MITSUHIRO KUBOTA, A.B., University of Hawaii, 1954; M.S., 1958
NIEH TIN HON, B.S. (Hons.), University of Rangoon, 1956; M.S., 1958
OLIVER CHRISTOPHER RICHARDS, Jr., B.S., Syracuse University, 1955
WILLIAM CARL RIFE, A.B., North Central College, 1956
ROBERT FRANCIS SCARR, B.S., M.S., Lehigh University, 1952, 1956
WILBURN SUBER SMITH, Jr., B.S., Mississippi State University, 1956
LARRY CLARK THOMPSON, B.S., Willamette University, 1957; M.S., 1959
JOHN LOWELL TYTENEN, A.B., Luther College, 1956
JOHN GEORGE VERRADE, B.S., A.M., Harvard University, 1958
JOHN HENRY WOLFE, A.B., Ohio Wesleyan University, 1955

In Civil Engineering

WILLIAM EGER, B.S., M.S., 1951, 1953
WALLACE EMMORY FLUHR, B.S., University of Kentucky, 1954; M.S., 1959
ROBERT EARLE FULTON, B.C.E., Alabama Polytechnic Institute, 1953; M.S., 1958
DANIEL LEWIS LYCAN, B.S., Massachusetts Institute of Technology, 1952; M.S., 1959
EDWARD THOMAS MISIASZEK, B.C.E., M.C.E., Clarkson College of Technology, 1952, 1955
ROY EDWIN OLSON II, B.S., M.S., University of Minnesota, 1953, 1955
GEORGE EMMANUEL TRIANDAFILLIDES, B.S., Robert College, 1945; M.S., 1947
WORTHEN ALLEN WALLS, B.S., University of Arkansas, 1949; M.S., 1954
JOSEPH WARWARUK, B.S., University of Alberta, 1954; M.S., 1957

In Classical Philology

JOHN-THEOFANIS PAPADEMETRIOU, Diplomate of Philology, National University of Athens, 1954

In Communications

VINCENT PAUL NORRIS, B.S., M.S., 1955, 1958

In Dairy Science

ROBERT DAVID CLARK, B.S.A., M.Sc., University of Saskatchewan, 1948, 1950
KURT EWALD EBNER, B.S.A., M.S.A., University of British Columbia, 1955, 1957

In Dairy Technology

KOLAR SESHAIYER RAMACHANDRAN, B.S., B.S., University of Mysore, 1947, 1951; M.S., University of Bombay, 1956

In Economics

BEN MAJOR ALVORD, B.S., Alabama Polytechnic Institute, 1951; M.S., 1954
JANET MONTGOMERY HOOKS, A.B., Mount Holyoke College, 1933; A.M., Bryn Mawr, 1934
MAX GERHARD MUELLER, B.S., University of London, 1949; A.M., 1951
ROBERT ALLEN ROBERTSON, A.B., University of California (Santa Barbara), 1952; A.M., 1954

In Education
ROBERT SIGNAL KANE, B.S., M.S., 1950, 1958
ROBERT VERN MILLER, A.B., University of Kansas, 1952; Ed.M., 1954

In Electrical Engineering
ROBERT CHARLES ARZBAECHER, B.S., Fournier Institute of Technology, 1953; M.S., 1958
ALGIRDAS ANTHONY AVIZIENIS, B.S., M.S., 1954, 1955
CARL FOREST DAVIS, A.B., University of Maine, 1942; M.S., 1956
DONALD LEE EPLEY, B.S., M.S., 1956, 1957
ROY OSCAR SATHER, B.S., Wayne University, 1940; M.S., 1951
TAO-NAN TANG, B.S., National Taiwan University, 1954
RICHARD PHILLIP WISCHNEE, B.S., M.S., 1956, 1957

In English
ALVIN IRWIN DUST, A.B., A.M., 1950, 1951
MARTIN LIGHT, A.B., Pennsylvania State University, 1949; A.M., University of Chicago, 1951
WILLIAM RICHARD LINNEMAN, A.B., Park College, 1950; A.M., 1954
HARRY ELON PREBLE, A.B., A.M., 1951, 1952
DONALD HENRY REIMAN, A.B., College of Wooster, 1956; A.M., 1957
MARGARET O'BRIEN STEWART, A.B., A.M., University of Kentucky, 1937, 1941
MARJORIE EVELYN WRIGHT, A.B., Wheaton College, 1954; A.M., 1956 (doctorate awarded posthumously)

In Entomology
JOHN ARTHUR LOWE, B.S., Lawrence College, 1951; M.S., 1956
ROBERT JOHN SNETSINGER, B.S., M.S., 1952, 1953
GILBERT PETER WALDBAUER, B.S., University of Massachusetts, 1953; M.S., 1956
HORACE RICHARD WONG, B.S., University of Manitoba, 1947; M.S., Michigan State University, 1950

In Food Technology
NOBUMITSU YANO, B.Agr., M.Agr., Kyoto University, 1953, 1955

In French
RAYMOND THEODORE RIVA, A.B., 1951; A.M., Middlebury College, 1955

In Geology
DONALD JOHN COLQUHOUN, A.B., A.M., University of Toronto, 1953, 1956
JOHN EZRA MOORE, A.B., Ohio Wesleyan University, 1953; M.S., 1958
KATHERINE MAUDE MARIE SCHAEFFER, A.B., A.M., Washington University, 1956, 1958
JOHN STANLEY SCOTT, B.S., McMaster University, 1953
ROBBEN TAMPA TETTENHORST, B.S., A.M., Washington University, 1955, 1957

In History

In Library Science
CLYDE HULL CANTRELL, A.B., A.M., A.B., University of North Carolina, 1933, 1936, 1937
GUY GRADY GARRISON, A.B., Baldwin-Wallace College, 1950; M.S., Columbia University, 1954
JAMES RANZ, B.S., Nebraska State Teachers College (Kearney), 1942; A.M., University of Michigan, 1948
In Mathematics
KENNETH WAYNE ANDERSON, B.S., United States Military Academy, 1946; A.M., 1955
GENEVA GROSZ BELFORD, A.B., University of Pennsylvania, 1953; A.M., University of
California (Berkeley), 1954
CHARLES GLADSTONE COSTLEY, A.B., Fisk University, 1956; M.S., 1958
CHARLES WILLIAM GEAR, A.B., University of Cambridge, 1956; M.S., 1957
CLIFFORD ALLAN LONG, B.S., M.S., 1954, 1955

In Mining Engineering
NANI CHAKRAVERTY, Diploma, Indian School of Mines, 1938; M.S., 1957

In Physical Education
JOHN HUBERT DUNN, B.Ed., Southern Illinois University, 1943; M.S., Washington State University, 1951

In Physics
RENA TO BOBONE, Laurea in Electrical Engineering, Polytechnic Institute of Turin, 1944
JAMES HAVENS BREDT, A.B., Harvard College, 1953; M.S., 1955
RICHARD ELMO COOVERT, A.B., Reed College, 1952; M.S., 1954
ROY MERTON EM RICK, A.B., Cornell University, 1954; M.S., 1956
HOWARD ROSCOE HART, JR., B.Eng. Physics, Cornell University, 1952; M.S., 1955
JAMES JOSEPH JACKSON, B.S., Yale University, 1950; M.S., 1951
JOHN KENNETH ROBE, B.S., M.S., 1951, 1953
KENDAL TRUE ROGERS, B.S., University of Texas, 1955; M.S., 1957
WILLIAM WALTER SIMMONS, A.B., Carleton College, 1953; M.S., 1955
JACK DONALD ULLMAN, B.S., M.S., 1951, 1956

In Physiology
CHARLES HENRY CAPP E L, A.B., Athenaeum of Ohio, 1944; M.S., St. Louis University, 1951
RUSELL IAN CLOSE, B.S., M.S., University of New Zealand, 1945, 1956

In Plant Pathology
JEW EUS CRAIG, B.S., M.S., 1951, 1957
ROBERT THOMAS GUDAUSKAS, B.S., Eastern Illinois University, 1956; M.S., 1958
Y ESHWANT LAXMAN NENE, B.S., M.S., Agra University, 1955, 1957
S. RAMACHANDRAN, B.S., University of Madras, 1955; M.S., Benares Hindu University, 1957

In Political Science
GEORGE KLEIN, A.B., A.M., 1951, 1952
CARL DALE McMURRAY, A.B., Augusta College, 1956; A.M., 1958

In Psychology
BISHWA BANDHU CHATTER JEE, B.S., M.S., Benares Hindu University, 1941, 1943; A.M., 1959
MURRAY SAMUEL MIRON, B.S., Northwestern University, 1954; A.M., 1956
EDWARD JOHN MORRISON, A.B., Southern Methodist University, 1948; M.S., Tulane University, 1951
WILLIAM GLENN STEINER, A.B., Aurora College, 1948; A.M., 1958

In Sociology
JOSEPH RANDALL GODWIN, B.S., M.S.I.R., Loyola University, 1953, 1956
DAVID ALLEN WARD, A.B., Colby College, 1955

In Spanish
MERLIN HENRY FORSTER, A.B., Brigham Young University, 1956; A.M., 1957
UNETTA THOMPSON MOORE, A.B., Mount Holyoke College, 1954; A.M., University of New Mexico, 1956
RICHARD WHITELEY NORTON, A.B., Butler University, 1942; A.M., 1952

In Statistics
RAJINDER SINGH, A.B., A.M., Panjab University, 1950, 1952
MADANLAL TILAKCHAND WASAN, A.B., A.M., University of Bombay, 1952, 1954
In Theoretical and Applied Mechanics

Seward Russell Keim, B.S., M.S., University of California (Berkeley), 1950, 1958

In Veterinary Medical Science

Krishna Nandan Mehra, B.S., M.S., Agra University, 1943, 1945; M.S., 1958

In Zoology

Maxwell Harold Braverman, A.B., University of Colorado, 1951; M.S., 1959
George Wyatt Cox, A.B., Ohio Wesleyan University, 1956; M.S., 1958
Norman Arnold Dial, A.B., Illinois College, 1949; M.S., 1952
Arthur Kow Katoh, A.B., Syracuse University, 1954; M.S., 1956
Edward William Millhouse, Jr., B.S., M.S., 1949, 1954

Degree of Doctor of Education

In Education

Kern William Dickman, B.S., M.S., 1944, 1947
Loren Vernon Grissom, B.S., Eastern Illinois University, 1952; Ed.M., 1956
Charles Conrad Holt, B.S., Southeast Missouri State College, 1949; A.M., 1951
Harold Hubert Lerch, B.S., M.S., Southern Illinois University, 1952, 1956
Sam Weintraub, A.B., B.S., Ed.M., Ohio State University, 1948, 1950, 1954
Paul Henry Westmeyer, B.S., A.M., Ball State Teachers College, 1949, 1952
Wayne Walter Wigell, B.S., Eureka College, 1946; M.S., Illinois State Normal University, 1949

In Music Education

Paul Barton Grover, A.B., Kansas Wesleyan University, 1930; M.Mus.Ed., University of Kansas, 1948
George Earle Reynolds, B.Mus., Southwestern College, 1942; M.Mus., Cincinnati Conservatory of Music, 1946
Alan Paul Squire, B.Mus., M.Mus., University of Michigan, 1949, 1950

Degree of Master of Arts

In Art Education

Laura Phelps Thompson, B.F.A., 1956

In Art History

John Franklin Wright, Jr., A.B., American University, 1954

In Dance

William George Hug, B.S., 1953

In Economics

Jene Kune Kwon, A.B., Illinois College, 1958
Robert Chase McAllister, A.B., Knox College, 1958
Ronald Elmer Peterson, B.S., Loyola University, 1959

In Education

Frank Henry Klassen, A.B., University of Manitoba, 1953

In English

Barbara Lucretia Coffee, A.B., Piedmont College, 1950
Donald Anthony DeSulis, A.B., DePaul University, 1956
George Robert Guffey, B.S., Bowling Green State University, 1958
Robert Henry Hasman, Jr., B.S., A.B., 1958, 1959
Robert Carl Johnson, A.B., Monmouth College, 1959
Stuart Melvin Kaminsky, B.S., 1957
Keith James Kessel, A.B., 1959
William Grover Kilbourne, Jr., A.B., University of Notre Dame, 1959
PHYLLIS HURD LISTON, A.B., State University of New York Teachers College (Albany), 1957
MARY CROSS MAGRINO, A.B., University of Michigan, 1956
JOSPEH EDMUND MILOSH, JR., A.B., St. Edward's University, 1958
CHRISTOPHER NEWTON, A.B., Leeds University, 1957
SHIRLEY MAE RADLE, A.B., College of St. Scholastica, 1959
RICHARD LEONARD ROWE, A.B., Hiram College, 1958
GEORGE HOWARD WHEELock, B.S., Purdue University, 1959

In French
BETTY DIANTHA BOVEY, A.B., University of Idaho, 1958
ALAIN DIDIER GENESTRE, B.B.A., Memphis State University, 1958
MARY FRANCES HUNTLEY, A.B., 1959
ENID ASTRID KOENIG, A.B., Goucher College, 1958
SHIRLEY POLLIT McGREAL, A.B., University of London, 1955
SYLVIA JANE NEUSTEIN, A.B., University of Miami, 1959
JULIA ANNE RAGSDALE, A.B., Southern Illinois University, 1958

In Geography
DONALD FRANK VOLLMIRCHT, A.B., Valparaiso University, 1958

In History
GEORGE THOMAS RIGGS, A.B., Princeton University, 1959

In Labor and Industrial Relations
FRED JOHN KOLJAY, B.S., 1958

In Mathematics
MARY ANNE LOUISE FISHERKELLER, A.B., Goucher College, 1950
KENT PETER HOWE, A.B., St. John's University, 1956
JAMES EDWARD SKEEATH, A.B., Swarthmore College, 1958

In Philosophy
LUCIA GIOVANNA MARCHETTI, Degree, University of Pisa, 1954

In Political Science
RODDENY ALPHONZO BURROWS, B.S., Hampton Institute, 1958
RICHARD ALLEN SCHWARZLOSE, B.S., 1959

In Psychology
DORIS RUTH NORTHRUP, B.S., Carnegie Institute of Technology, 1958

In Social Sciences
ROGER KENDALL FEINTHEL, A.B., Ohio University, 1958
MARY LYNN MCCREE, A.B., Alabama Polytechnic Institute, 1959
HELEN-MAE LICKING NORTON, B.S., Northern Illinois University, 1954

In Sociology
LOURDES CUMACUN ATABUG, Ph.B., University of Santo Tomas, 1956
GERALD BENJAMIN GERSEY, B.S., 1959

In Spanish
JOAN GANOS, A.B., University of Wisconsin, 1958
BETTY JANE LEGAN, B.S., Indiana University, 1959
LICIA CLEMENCIA RAMIREZ, B.S., University of Maryland, 1954
JOSE GABRIEL SANCHEZ, A.B., New Mexico Highlands University, 1958
JOHN FREDERICK SADNIERS, A.B., Stanford University, 1956
FLORENCE LILLIAN YUDIN, A.B., Brooklyn College, 1958

In Speech
RUTH ELEANOR GROGG, A.B., Marietta College, 1958
CHARLES CASE HEIMERDINGER, A.B., University of Michigan, 1954
FEMMY OGEROP, Diploma, Utrecht Training for Acoupedician, 1955
LYOVONNE MARIE TRAD, A.B., Eureka College, 1953
In Statistics

CALVIN HERBERT BESENE, B.S., Rochester Institute of Technology, 1958
JERRY JON JOHNSON, B.S., 1958
PRAVINCHANDRA LALLUBHAI KADAKIA, B.S., M.S., Gujarat University, 1955, 1958
SIDNEY ALLEN SACHS, B.S., 1959

Nancy Scott, A.B., 1959

In the Teaching of English

RALPH ARNO EISENSTADT, A.B., University of Pennsylvania, 1958

In the Teaching of German

PATRICIA PRATT, B.S., 1955
SKIRMUNTAS RADVILA, A.B., 1958
HARRIETT JOAN ROGERS RASSIGA, A.B., MacMurray College, 1947

Degree of Master of Science

In Accountancy

Puang Sri Limparhanthu, B.Com., University of Thammasat, 1954
CHARLES HOWARD MONTGOMERY, A.B., Illinois Wesleyan University, 1952

In Advertising

Leonard Michael Drefs, B.S., 1958
Jo Ann Hostettler, B.S., 1958
Rosa Castillo Laurente, Litt.B., University of Santo Tomas, 1953
William Daniel Ryan, A.B., 1954

In Aeronautical Engineering

Phillip Augustus Meyer, B.S., 1957

In Agricultural Economics

Rafael Moreno Rojas, Agr.Eng., Catholic University of Chile, 1958
David Marion Schoonover, B.S., 1957
John Joseph Scully, B.A.S., University College (Dublin), 1951
Lawrence James Strope, B.S., Iowa State University of Science and Technology, 1958
William Allan Tinsley, B.S., 1956

In Agricultural Education

Edward Joseph Barnes, B.S., 1936
Richard Lee Fairgrieves, B.S., 1959
Dale Eugene Ruckman, B.S., 1959

In Agricultural Engineering

Ronald Clark Holt, B.S., 1958
Barney Kuo-Yen Huang, B.S., National Taiwan University, 1954
John Carter McMunn, B.S., 1958

In Agronomy

Gerald Martin Aubertin, B.S., 1958
Adnan Hardan, B.S., University of Baghdad, 1957

In Animal Nutrition

Robert Humphrey Weston, B.S., University of Sydney, 1953

In Animal Science

Howard Junior Brinkley, B.S., West Virginia University, 1958
Verle Eugene Chappell, B.S., Purdue University, 1956
George L. Rue Deich, Jr., B.S., Purdue University, 1952
Bishnu Datt Kapri, B.S., University of Allahabad, 1937; Diploma, Bengal Veterinary College, 1940
John Brebner Krause, B.S., 1959
In Architectural Engineering
DONALD GREER COURTEAU, B.Arch., 1959
RAYMOND ELMER LINDAHL, B.Arch., 1958

In Biological Sciences
RONALD PHILIP KOPPEL, B.S., Northern Illinois University, 1959
ROBERT WILLIAM TIPLADY, B.Ed., University of Toledo, 1958

In Botany
FAKHRI ABDUL LATIF BAZZAZ, Licence, Teachers Training College (Baghdad, Iraq), 1953
ALICE JEAN BOURKE, B.S., Mundelein College, 1959
ELMER BURTON HADLEY, A.B., University of California (Santa Barbara), 1958
ALMUT GITTER JONES, B.S., 1958
WILLIAM CHARLES MOYE, B.S., Southern Illinois University, 1958
FRANK ROBERT OWENS, B.S., Illinois State Normal University, 1958

In Ceramic Engineering
RAJNIKANT BABUBHAI AMIN, B.S., Gujarat University, 1956; B.S. (Tech.), Benares Hindu University, 1959

In Chemical Engineering
GEORGE ALBERT SAMARA, B.S., University of Oklahoma, 1958
LEO JOHN THOMAS, B.S., University of Minnesota, 1958
RICHARD EUGENE TISCHER, B.Ch.E., University of Dayton, 1958
DONALD EUGENE WESTERHEIDE, B.Ch.E., University of Dayton, 1958
GORDON RAY YOUNGQUIST, B.S., University of Minnesota, 1958

In Chemistry
EDMUND STEPHEN BERCHERT, Jr., B.S., Eastern Illinois University, 1958
ROBERT MALCOLM BLY, A.B., Occidental College, 1957
PHILLIP JOHN BURCK, A.B., Lawrence College, 1958
DEAN WILSON DICKERHOOF, B.S., University of Akron, 1957
ROBERT CLINTON FAY, A.B., Oberlin College, 1957
EDWARD JOE FRITZHAUER, B.S., Kent State University, 1958
MELVIN HOWARD GREEN, B.S., University of Pittsburgh, 1958
SOTER GEORGE KOKALIS, B.S., Purdue University, 1958
JEROME JORDAN LOOKER, A.B., Kenyon College, 1958
DEVON WALTER MECK, A.B., Berea College, 1958
GERALD RAY MILLER, B.S., University of Wisconsin, 1958
JOSEPH TERENCE MORRISON, B.S., University of Pittsburgh, 1958
GENE CLARE OSBORN, A.B., Dukesne College of the Sacred Heart, 1959
DORCAS BAKER ROSE, A.B., 1959
EDWARD OWEN SHERMAN, Jr., B.S., Providence College, 1958
FRED TIVIN, A.B., Kalamazoo College, 1958
BEULAH MARIE WOODFIN, A.B., Vanderbilt University, 1958

In City Planning
MARIO WALTER D’ALESSIO, Jr., B.S., Pennsylvania State University, 1956
ROBERT WILLIAM JENTSCH, B.S., University of Missouri, 1953

In Civil Engineering
ARUNACHALAM KULATHU AIYAR, B.S., University of Travancore, 1956
MOHAMMAD AMIN, B.S., Worcester Polytechnic Institute, 1959
ANDRE AUSER, Diploma, University of Lausanne, 1955
WILLIAM THOMPSON BARRON, B.S., University of Alabama, 1959
WILLIAM BARRY BEDESSEM, B.S., Drexel Institute of Technology, 1959
DAVID BRUCE CAMPBELL, B.S., University of Alberta, 1953
JOSEPH WALTER COOKE, B.C.E., Villanova University, 1959
IRWIN DANIEL CROWLEY, Jr., B.S., Mississippi State University, 1952
PETER KUANG-HSUN DAI, B.S., Taiwan Provincial Cheng Kung University, 1957
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GUNVANTRAY NANUBHAI DESAI, B.Eng., Gujarat University, 1957
CUTBERTO DIAZ GÓMEZ, C.E., National Autonomous University of Mexico, 1954
DARRELL ARTHUR DOBBs, B.S., 1959
ELTON GLENN ENDEBROCK, B.S., Lamar State College of Technology, 1958
ISRAEL FOGIEL JAWITz, B.C.E., Rensselaer Polytechnic Institute, 1959
GERALD EARL GOETSCHIE, B.S., 1959
YOGENDRA NARANDAS GORADIA, B.S., 1958
ALFRED JOSEPH HENDRON, Jr., B.S., 1959
RICHARD GRIFFITH HERTZLER, B.S., Michigan State University, 1958
JOHN KENDRICK HOLT, B.S., The University (Glasgow), 1955
KENNETH RALPH KEENE, B.S. (Physics), Illinois Wesleyan University, 1958; B.S. (Civil Engineering), Duke University, 1959
EDMUND HERMAN KERANEN, B.S., United States Naval Academy, 1955
YOUNSU Koo, B.S., Swarthmore College, 1958
SHINKI KUNIYOSHI, B.S., University of Hawaii, 1956
KAMAN MAJIDZADEH, Diploma, Teheran University, 1959
RICHARD D. McCONNELL, B.C.E., George Washington University, 1950
DANIEL DORSEY MOSS, B.S., Purdue University, 1949
ROBERT ALLEN NACK, B.S., 1954
DIVYAKANT SOMALAL PARikh, B.Eng., Sardar Vallabhbhai Vedayeepeth University, 1959
EUNG WON PARK, B.Eng., Vanderbilt University, 1958
ISHWARLAL BECHARBHAI PATEL, B.Eng., Gujarat University, 1955
MARTIN Kershaw Payne, B.S., Trinity College, 1957; B.C.E., Rensselaer Polytechnic Institute, 1959
RONALD EARL PELKEY, B.S., University of Saskatchewan, 1952
CARL DEAN PETERS, B.S., 1948
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MARTIN JOSHDUB REDDING, B.C.E., Villanova University, 1959
RONALD BRUCE REEVES, B.S., University of Utah, 1953
RICHARD LAWRENCE ROLF, B.C.E., Marquette University, 1958
HEDLEY EBMUND HERBERT ROY, B.A.S., University of Toronto, 1955
THEODOR ERNST SCHREYER, Jr., B.S., 1954
MANHARLAL HIRACHAND SHAH, B.Eng., University of Bombay, 1958
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JAMES ALLYN STALEY, B.Eng., Yale University, 1958
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DAVID ERSKINE THOMSON, B.A.S., University of Toronto, 1957
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JAMES ALEX WEEs, B.S., University of Nebraska, 1959
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In Dairy Science
FRANK DANA BARTLETT, Jr., B.S., University of Massachusetts, 1954
CARL ARTHUR ZOOG, B.S., 1949

In Dairy Technology
YASUO AZUMA, Graduate, Tamaguni University, 1954

In Economics
ALPHONSE GEORGE HOLTMANn, B.S., 1959
PAUL JOHN MAGELLI, A.B., 1959
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In the Education of the Deaf
PHYLLIS TILLITSON FRITCHEY, B.S., 1939

In Electrical Engineering
WILLIAM FRANCIS BUTLER, A.B., B.S., 1952, 1959
HENRY GRADY CAMPBEll, Jr., B.Eng., Vanderbilt University, 1959
DONALD BRUCE CLAUSON, Jr., B.S., 1957
Harvey Feingold, B.S., 1959
Noel Herbert Johnson, A.B., Montana State University, 1955
William Cecil Johnston, B.S., 1959
John Augustine Kilcoin, Jr., B.S., Union College, 1940
Robert Paul Kolb, B.S., Valparaiso University, 1954; B.S., 1958
Sebastian Ambrose Lasher, B.S., United States Military Academy, 1954
Chung Yeh Liu, B.S., 1959
Robert Wayne McLaren, B.S., 1959
Kenneth Francis Morman, B.S., University of Michigan, 1959
Ba Nyunt, B.S., University of Rangoon, 1958
Henry Chuen-Hsien Pao, B.S., 1959
Robert Leslie Poeschel, B.S., 1959
Fred Jerome Rosenbaum, B.S., 1959
Mohammed Safiuddin, B.Eng., Osmania University, 1959
John Matthew Schneider, B.S., 1959
Rameshchandra Premchand Shah, B.Eng., University of Bombay, 1960
Sesa Rajamani Shankar, B.Eng., Jadavpur University, 1956
Mark Miller Templeton, Jr., B.S., 1959
Frank Edward Thompson, B.S., 1959
James Wilbur Wright, B.S., 1959

In Entomology
Jarett David Hoffman, B.S., Eastern Illinois University, 1958
Jean Mario Mathieu, Agron.Engr., Institute of Technology and Higher Studies of Monterrey, 1958
Carlos Albert White, B.S., Eastern Illinois University, 1958

In Food Technology
Robert Wallace Larson, A.B., Augustana College, 1955
John Allen Merboth, B.S., 1959

In Geography
Bernard Chauncey Peters, B.S., Western Illinois University, 1959

In Geology
Richard Lee Berger, B.S., 1958
Gordon Elliott Dixon, B.S., University of Western Ontario, 1957
Jessie Dale Hulsey, B.S., Lamar State College of Technology, 1958
Constantine Thomas Manos, B.S., College of the City of New York, 1958
Bruce Elmo Mueller, A.B., Augustana College, 1958
Richard Rudolph Parizek, A.B., University of Connecticut, 1956
Donald Hilaire Roy, A.B., University of New Hampshire, 1958
Stanley Martin Totten, A.B., College of Wooster, 1958

In Health Education
Irwin Morton Davidson, B.S., State University of New York Teachers College (Cortland), 1959
George Dennis Niva, B.S., 1959
Ronald Charles Simmons, A.B., B.P.E., McMaster University, 1958, 1959

In Home Economics
Wen-chiang Liang Chiu, B.S., National Taiwan University, 1955
Barbara Miles Shannon, B.S., University of Tennessee, 1956

In Horticulture
Nail H. Özerol, Agr.Engr., Ankara University, 1956
Kung-Jen Yeh, B.S., National Taiwan University, 1958

In Library Science
Marcella Mary Ahner, A.B., St. Xavier College, 1939
Lillian Gertrude Andersen, A.B., Northwestern University, 1945
Judith Marguerite Anderson, B.S., Northern Illinois University, 1959
Charles Albert Bunge, A.B., University of Missouri, 1959
Richard Keith Burns, B.S., Morehead State College (Kentucky), 1957
Suzanne Nichols Clayton, A.B., A.M., Syracuse University, 1947, 1949
Eyron Sharlene Collins, A.B., Bowling Green State University, 1959
Charlie Pettice Craig, A.B., Bennett College, 1955
Gene Lawrence Dewey, B.S., State University of New York Teachers College (Geneseo), 1959
Carol Lynn Dietz, A.B., University of Kansas, 1958
Mohamed Mohamed El-Hadi, A.B., Cairo University, 1957
Elaine Graham Estes, B.S., Drake University, 1953
Siegfried Feller, A.B., A.M., University of Michigan, 1950, 1951
Florence Helen Garland, A.B., Iowa State Teachers College, 1954
Dorothy Crystal Hirsberg, A.B., Beloit College, 1955
Korillia Christene Johnson, A.B., Augustana College, 1934; B.L.S., University of Wisconsin, 1947
Madoko Kon, A.B., Keio University, 1956
Esther Belle Larimer, A.B., Shurtleff College, 1957
Helena Lynch Longshore, B.S., 1951; M.S., 1953
Beverly Jane Mateer, A.B., Bradley University, 1959
Mary Virginia McCall, B.Ed., Southern Illinois University, 1940; M.S., Purdue University, 1955
Sylvia Katherine Polovitch, A.B., 1958
Edith Aldrea Johnson Rowland, A.B., Bradley University, 1933; B.S., 1940
Sister Mary Anselm Cunningham, A.B., Rosary College, 1958
William Desmond Taylor, A.B., Emory and Henry College, 1953
Yoshinari Tsuda, A.B., Keio University, 1955
Derald Dean Willard, A.B., B.S., University of Missouri, 1953, 1959

In Management
Zaki Mohamed Fahmy Abdallah El-Adawy, Graduate, Ein Shams University, 1953
Charles Koening, Jr., B.S., Trinity University, 1957

In Marketing
Calvin LeRoy Hodock, B.B.A., University of Cincinnati, 1959
John Bert Hoyt, B.S., 1955

In Mathematics
Martin Berman, B.Ch.E., Polytechnic Institute of Brooklyn, 1940; M.S. (Chemical Engineering), Virginia Polytechnic Institute, 1942
Spencer Olin Chagnon, B.S.E., Princeton University, 1957
John Scholl Cross, B.S., 1959
Marinus Donald Duman, A.B., St. Vincent College, 1953
Roger Brisbane Gardner, B.S., 1958
Kenneth Dale Herr, B.S., State Teachers College (Millersville, Pennsylvania), 1955; M.S., 1959
Mu-Yue Hsiao, B.S., National Taiwan University, 1956
Thomas Joseph Killian, B.S., 1957
Donald Meyer Liss, B.S., Massachusetts Institute of Technology, 1959
William Hamilton Martin, B.S., University of Washington, 1957
Paul L. Sadagursky, B.S., Queens College, 1959
Robert Lawrence Thomas, A.B., DePauw University, 1959
Marshall Wall, B.S., 1959

In Mechanical Engineering
David John Ahner, Jr., B.S., 1959
Avinash Kumar Ahuja, B.S., 1955
Sandor Jozsef Baranyi, Mech.E., Technical University of Budapest, 1956
Yih-Ping Chiu, B.S., National Taiwan University, 1955
Hsiao Ta Chou, Graduate, Ordnance Engineering College, 1949
Richard Edwin DeCamp, B.S., 1956
Ronald Lee Devaisher, B.S., 1959
Duen-Ren Jeng, B.S., National Taiwan University, 1956
Thomas Joseph Kane, B.S., University of Notre Dame, 1957
Robert LeRoy McNabb, B.S., 1959
HARDARSHAN SINGH MEJIE, B.Eng., University of Bajputana, 1956; M.Tech.,
Indian Institute of Technology, 1956
JEROME DOUGLAS MCKENNAUPT, B.S., 1959
DINESHCHANDRA SURAJMAL SHAH, B.Eng., University of Bombay, 1959
RICHARD WARREN VAN PELT, B.S., Stanford University, 1956
DAVID EDWARD WOLLERSHEIM, B.S., Gonzaga University, 1959
STEVE ARTHUR WUTZKE, B.S., 1959

In Metallurgical Engineering

JAMES EUGENE HANAFEE, B.S., 1958

In Microbiology

THERESE MING-CHUNG MAR, B.S., National Taiwan University, 1956

In Mining Engineering

PAUL RICHARD STEWART, B.S., North Carolina State College, 1959

In Music Education

LEON LOVEJOY ADAMS, Jr., B.S., Tennessee Agricultural and Industrial State
University, 1957
RONALD TAYLOR BISHOP, B.Mus., Eastman School of Music of the University of
Rochester, 1956
PETER TEN EYCK BOOR, B.S., Bucknell University, 1959
JOHN DENIS BRAHMS, B.S., 1959
JAMES LEE CAMPBELL, B.S., 1954
NAOMI BRAUSCH FUCHS, B.S., 1955
GAYE LENORE HATINGER, B.S., Texas Woman's University, 1959
PATRICIA JEAN JOHNSON, B.Mus., Oberlin College, 1959
ALBERT REES KAVANAUGH, B.S., State University of New York Teachers Col-
lege (Fredonia), 1959
Dennis Paul KUDLAWIEC, A.B., Coe College, 1956
DAVID JOHN MARCHAND, B.S., Bemidji State College (Minnesota), 1957
JOHN GEORGE NEMETH, B.S., 1959
ROBERT NEIL PETER, B.S., 1959
ELAINE MARY PRESVELOS, B.S., 1953
SISTER MARY ARTHUR NEWBORE, B.Mus., Fontbonne College, 1947
ROGER WAYNE WARNER, B.S., State Teachers College (Minot, North Dakota).
1956

In Nuclear Engineering

DARRELL RAYMOND ANDERSON, B.S., United States Military Academy, 1954; M.S.,
1960
DAVID LORING DIMICK, B.S., United States Military Academy, 1954; M.S., 1960
PAUL CYR DRISCOLL, B.S., United States Military Academy, 1954; M.S., 1960
BARCLAY GEORGE JONES, B.S., University of Saskatchewan, 1954
YAN NAI NG LWIN, B.S., 1956
GEORGE AUSTIN MORRIS, B.S., 1959
FREDERICK PRATT REYNOLDS III, B.S., United States Military Academy, 1958;
M.S., 1960
DAVID CLARK WADE, B.S., 1959

In Physical Education

PATRICIA ISABELLA HAIG, A.B., U.E.D., Rhodes University, 1957, 1958
ROSEMARY JOHNSTONE, A.B., Rhodes University, 1957
JOAN MAY MORAN, B.S., 1956

In Physics

GILBERT ALAN CLARK, B.S., University of Washington, 1956
RICHARD ANDERSON CRAIG, B.S., 1959
MORRIS WILLIAM FIREBAUGH, A.B., Manchester College, 1959
JOSEPH CARL HAFEL, B.S., 1959
MARVIN LEO HARDING, B.S., 1959
DANIEL WARREN HONE, A.B., University of California (Berkeley), 1958
JAMES DAVID LESLIE, B.A.S., University of Toronto, 1957
ANDRE ROBERT MARGUNAUD, Engineer, Ecole Nationale Superieure des Tele-
communications, 1959
In Physiology
LATIMER ALAN EPPS, JR., B.S., Oklahoma State University, 1957
DONALD THEODORE PALS, A.B., Calvin College, 1956

In Plant Pathology
WILLIAM LOUIS KLARMAN, B.S., Eastern Illinois University, 1957

In Speech Correction
HELEN WINIFRED HOOPS, B.S., 1957

In the Teaching of Biological Sciences and General Science
DAVID LANIER BROWN, A.B., Greenville College, 1957
ANN HARBOURT RAUF, B.S., Kent State University, 1955

In the Teaching of Mathematics
MAX CLINTON GABBARD, B.S.E., University of Arkansas, 1957
PATRICIA CLAFLIN MARTIN, B.S., 1959

In Theoretical and Applied Mechanics
ROBERT DAVIS COOK, B.S., 1958
THOMAS UPTON GREER, B.S., United States Military Academy, 1950
EUGENE POCS, B.S., 1959
ROBERT STANLEY WOZNIAK, B.S., 1958

In Zoology
ALLAN DOUGLAS DINGLE, B.S., McMaster University, 1958
RUSSELL DALE GUTHRIE, B.S., 1959
THOMAS CYRIL JEGLA, B.S., Michigan State University, 1958
WILLIAM HENRY JOHNSON, A.B., Augustana College, 1953
DONALD ARTHUR WINDSOR, B.S., 1959

Degree of Master of Music
MELISSA MOORE BROWN, B.Mus., Oberlin College, 1956
PETER MELVIN BROWN, B.Mus., Oberlin College, 1957
WILLIAM JOSEPH BURNETT, B.S., 1954
DOMENIC DONALD CERVONE, B.Mus., Eastman School of Music of the University of Rochester, 1955
EDWARD JOHN CONNELLY, B.Mus., DePaul University, 1955
JOHN PHILIP FORD, B.Mus., George Peabody College for Teachers, 1958
DOROTHEA REDFIELD JUMP, B.Mus., New England Conservatory of Music, 1942
MARDELE LOUISE MARYOTT, B.Mus., Phillips University, 1957
DEBORAH BETTE RABNICK, B.Mus., Oberlin College, 1958
SISTER MARY NICOLE SCHNEELELEN, A.B., Rosary College, 1958
RONALD ANTHONY STOFFEL, A.B., San Francisco State College, 1956
JOHN WALTER WEHLAN, B.Mus., 1956
GUY SNYDER WUELLNER, B.Mus., DePaul University, 1956

Degree of Master of Education
JERA JEAN ALLEN, A.B., Albion College, 1948
HARRY EDWIN ARMSTRONG, B.S., Illinois State Normal University, 1957
WILDER GERALD ASH, B.S., Loyola University, 1930
George Edward Bauer, B.S., Southern Illinois University, 1949
Robert Allen Brede, B.S., Northern Illinois University, 1954
Virginia Covey Boswell, A.B., Bradley University, 1957
Charles Edward Burg, A.B., Millikin University, 1952
Eleanor McFarlen Coleman, B.S., Eastern Illinois University, 1952
Nancy Lee Cox, A.B., DePauw University, 1958
Dorothy Marie Crawford, B.S., Illinois State Normal University, 1947
Edward Dahler, Jr., B.Ed., Duquesne University, 1950
Dallas Lyndon Davis, B.S., Illinois State Normal University, 1957
Gilbert Lee Deavers, B.S., Illinois Wesleyan University, 1957
John Thomas Dixon, B.S., Rockford College, 1959
John Theodore Ellsworth, B.S., Georgetown University, 1956
Phyllis Maxine Engel, B.S., Eastern Illinois University, 1955
Wava Roberson Ford, B.S., Southern Illinois University, 1944
Ralph Leo Goodman, B.S., 1954
Leslie Elaine Youckers Grady, B.S., Lincoln University, 1949
Clyde Martin Hacker, B.S., Eastern Kentucky State College, 1959
Doris Marilyn Harris, B.S., University of Oklahoma, 1958
Dolores Davis Harry, B.S., Concord College, 1953
Hazel Lee Henderson, B.S., Lincoln University, 1955
Merle Eugene Holson, A.B., McKendree College, 1948
Marjorie Chelsea Horton, A.B., University of Sydney, 1956
Jack Weldon Israel, B.S., Southwest Missouri State College, 1959
Charles Toshiharu Iwai, B.S., 1959
Robert Leonard Johnston, B.S., 1947
Sibba Isabelle Davis Jones, B.S., Eastern Kentucky State College, 1953
Donald Karamitsos, B.S., 1959
Nancy Jane Kolar, B.S., Valparaiso University, 1955
Barbara Jeanne Livingston, B.S., Grambling College, 1958
Philip Robert Luhmann, B.S., 1954
Yvonne Woody McElroy, B.S., 1959
Russel Robert McKean, B.S., Illinois Wesleyan University, 1935; M.S., 1939
Chloe Ann Jordan McKeever, B.S., 1958
Bruce L. McKenzie, B.S., 1941
Walter Milton Meyer, B.S., Bradley University, 1935
Jeanne Sweet Miller, A.B., 1958
Ronald Larry Mitchell, B.S., 1959
Michael James Murphy, A.B., 1959
Dennis Anthony Nelson, B.S., Bradley University, 1960
Elizabeth Lee Norwood, B.S., Southern Illinois University, 1955
Verna Kraske Odom, B.S., Southern Illinois University, 1956
Diana Ruth Rea, B.S., 1958
Erthel Elmo Rose, A.B., Morehead State College, 1954
Richard Kenneth Schwartz, A.B., William Jewell College, 1959
Charles Ashton Shafer, B.S., Indiana State Teachers College, 1955
Ben Charles Smith, A.B., Sterling College, 1950
Mary Ellen Sronce, B.S., 1959
Cloyd Franklin Staples, B.S., 1958
Shirley Greenschlag Stone, A.B., Roosevelt University, 1949
Charles Richard Taylor, B.S., Northern Illinois University, 1957
Delores Evelyn Howard Thomas, B.S., Southern Illinois University, 1954
Maurice Wayne Thomas, B.S., 1947
Jacqueline Jeanne Devanny Vance, B.S., 1953
Robert Eugene VanOrder, B.S., Western Illinois University, 1950
Carol Lee Wagner, B.S., Eastern Illinois University, 1957
Herbert John Walberg, B.Ed., Chicago Teachers College, 1959
Francis Martin Walsh, B.S., 1959
James Fredrick Warnecke, B.S., Stout State College, 1956
Mildred Mason Whitted, B.S., Illinois State Normal University, 1952
Barbara Victor Wolfe, B.S., 1954
Mildred Spates Wrench, B.S., 1957
James Wesley Wright, Jr., B.S., 1954
Martha Rosenberger Zimmerman, B.S., 1958
Degree of Master of Social Work

JOHN BARGAMIAN, A.B., Fresno State College, 1950
ROBERT WILLIAM BARNES, A.B., Central Michigan College of Education, 1954
ALICE ELEANOR BEILIN, B.S., Northwestern University, 1946; A.M., University of Chicago, 1953
LOUISE SINGLETON BROWN, A.B., Dillard University, 1935
ANNIE ORRIE FRASER, A.B., San Francisco State College, 1936; M.R.E., Northern Baptist Theological Seminary, 1952
DONALD WARD HART, B.S., 1957
VIRGINIA LOIS HOMAN, A.B., Rockford College, 1951
MARY EDNA JONES, A.B., A.M., Creighton University, 1944, 1951
COLLEEN MARY KELLY, A.B., Rosary College, 1947
NATALIE DICKMAN KUTNER, A.B., Columbia University, 1957
MARGARET LORA LEPER, A.B., Iowa Wesleyan College, 1951
DAVID RICHARD MARTIN, B.S., Bradley University, 1959
JAMES ALFRED MCDANIEL, A.B., Johnson C. Smith University, 1953
JAMES ROBERT NORWOOD, B.S., 1938
NEL PERCIVAL, Ph.B., Marquette University, 1947; M.S., Purdue University, 1952
CONSTANCE ELIZABETH PERRY, A.B., Syracuse University, 1938; A.M., Scarrritt College for Christian Workers, 1952
HUBERT OTTO PETERTSON, A.B., Augustana College, 1949
ISANNE MATTE PORTER, A.B., Macalester College, 1953
MARY-JANE FEARY RAND, A.B., University of New Hampshire, 1956
DUANE MORRIS ROBINSON, A.B., A.M., University of Washington, 1935, 1939; Ph.D., Columbia University, 1945
JANE ALICE STUNTZ, A.B., Ohio Wesleyan University, 1952; A.M., Vanderbilt University, 1955
LAURA COLEMAN TARTT, B.S., Hampton Institute, 1943
HELEN DEE WOODBRIDGE THOMAS, B.S., 1933
DONNA LYNN WEISS, A.B., 1958
JAMES ROBERT ZABORSKY, A.B., Valparaiso University, 1958

Degree of Master of Fine Arts

In Landscape Architecture
RANJIT KUMAR DHAR, B.Arch., Indian Institute of Technology, 1959

In Painting and Printmaking
BRUCE GORING DEAN, B.F.A., School of the Art Institute of Chicago, 1956
ELAINE ADRIENNE GATES, B.F.A., 1958
HARRY IRVING GATES, B.F.A., 1958

Degree of Master of Accounting Science

DANNY DEAN DIRKS, B.S., University of Dayton, 1959
EDWARD FREDERICK FREDERKING, B.S., 1959
BUREN THOMAS HAYNES, B.S., 1959
ARTHUR DONALD NORDENBERG, B.S., 1955; LL.B., Harvard University, 1958
RICHARD JOEL SENNEFF, B.S., Iowa State University of Science and Technology, 1959
JAMES ARTHUR VICKREY, B.S., 1959

Degree of Master of Architecture
HWEI-CHIH HSU, B.S., Taiwan Provincial Cheng Kung University, 1953
HAROLD JAMES MILLER, B.S., B.Arch., Kansas State College, 1952, 1952

Degree of Master of Laws
RICHARD ALEXANDER MICHAEL, B.S., J.D., Loyola University, 1955, 1958

Degree of Master of Television
JAMES RALPH KENNEDY, A.B., 1957
Advanced Certificate
In Education

KATHERINE ANN McKNIGHT AGRE, A.B., Regis College, 1950; Ed.M., State Teachers College (Bridgewater, Massachusetts), 1957
CHARLES DICKINSON BAIN, B.S., Northern Illinois University, 1948; Ed.M., 1952
MARY ANN GARRET DIXON, B.S., Southwest Missouri State College, 1955; Ed.M., 1958
GLEN DONALD GILBERTSON, B.S., M.S., Illinois State Normal University, 1946, 1952
DOLORE ABONSON LIGHT, A.B., University of Michigan, 1952; Ed.M., 1958
HERSCHEL NEWCOMB, B.Ed., Southern Illinois University, 1938; M.S., 1939
RYAD ZAKI OUT, A.B., A.M., American University of Beirut, 1954, 1957
BILLYJOE PRIEST, B.S., A.M., Murray State Teachers College, 1950, 1951
EMMA MAY RASMUSSEN, B.S., M.S., 1938, 1941

COLLEGE OF AGRICULTURE
Degree of Bachelor of Science
In Agriculture

DAVID EARLE ANDERSON
DAVID MILTON ASH
JAMES PHILIP BALZER, Honors
JOHN PAUL BASYE
PAUL GEORGE BENNETT
LEO EDWARD BERGSCHNEIDER
ROBERT JOSEPH BOEHLE
JAMES SCOTT BOWERS
KENNETH ELDON BRANCH
JOHN ROBERT BRAYFIELD
VERNON LEE BRAZLE, Honors
NEAL HIGHTOWER BRIDGWATER
CURTIS GILBERT BROCK, Honors
RAY LORNE BUHLMERSTEIN
WILLIAM JOHN BURKE
JAMES CALVIN CANNON
DALE ELMER CARLSON
JACK ALLAN CAVANAHA, Honors
TILFORD ROBERT CLINE, Honors
ROBERT HOWARD COFFMAN
GARY LAVERNE COWMAN
GARY LAVERNE COWMAN
ELDON RUSSELL DILWORTH, Honors
WILLIAM HUMPHREY DOOLEY
LEWIS STANTON DOTSON
CHARLES BENTON DYSON
NORMAN FREDRIC EHLERS
ROLLAND ARTHUR EKENA
ORA DONALD FARR
ALLAN DAVID FECITIC
NORMAN EDWARD FECITIC
LESLIE TERRANCE FLATT
HAROLD DUANE FORT
RICHARD ROSS FREITAG
LYLE ELBERT FUNKHOUSER
ROGER HOWARD GALLUP, Honors
JAMES CLARK GAY
TERRY LEE GEILING
WILLIAM LAVERNE GENGENBACH
JOHN IRVING GOODRICH
LOVELL LLOYD GREEN
WALTER EUGENE GRIFFITH
FREDRICK JOSEPH HAMMAN
MARVIN ARTHUR HANSEN
FRANK EDWARD HAYWARD
ROBERT LEROY HEAVNER
KENNETH WILLIAM HELGESON
ROGER LEE HIGGS
KENNETH RONALD HILL
ROBERT WENDELL HOLMES
ELMER MERL HOLT
ARTHUR KARL HOMANN
JOHN LOUIS HUBERT
JAMES EARL HURST
HAROLD LEE JEPSON
THOMAS RAY KNOX
GARY LEE LAWSON
LARRY FRANK LEWIS
RICHARD THOMAS LONG
KEVIN JOSEPH LYONS
BERNARD ALBERT MAJO
DONALD ROGERS MAPES
NORMAN EDWARD MAYER
WILLIAM WARD MCCARTNEY
ALLEN CHESTER MCCOWAN, Honors
KEMIT MIGHTY MCKEMIE, Honors
WILLIAM DAVID MCMURTRY
JAMES ORA MELTON
DALE EVAN MILLIS
DAVID EDGAR MOORE
ELDON LEROY MYERS
RONALD KEITH MYERS, Honors
MAX ALAN OLSON
ROBERT CHARLES OSTERMEIER
LEATON DEE PERRIN, High Honors
LUKE WILLIAM PHELAN
ROBERT HAROLD REINERS
ROBERT LOGAN ROLLER
LARRY DWIGHT ROTH
JOHN NEIL RUTFER, High Honors
JAMES RIDLEY SAE
HARRY LEONARD SATTERTHWAITE
EDWARD HENRY SCHLOZ
DUANE HERBERT SCHROEDER
NEAL HOWARD SETCHELL
MAX LEON SHORE
DONALD LEE SMALLWOOD
GEORGE EDWARD SMITH, JR.
STEVEN ROY SMITH
RICHARD PAYCE SNODGRASS, Honors
THOMAS EDWARD SORRELLS
DALE HERMAN CHARLES STORCK
RONALD WALTER STUKENBERG
JACK THOMAS SWEENEY, Honors
LOREN WILLIAM THEILEN
JAMES YATEMAN TOLLE
ROBERT PAYNE TUNNICLIFF
WILLIAM GEORGE UHLMAN, Honors
RICHARD JAMES VATTHAUS, Honors
LOUIS HERMAN WAGNER

GLEN DAVID WEBER
GARY LYNN WELLS, High Honors
HESTON KENT WESSON, Honors
JOHN ROBERT WILSON
RONALD EUGENE WINDY
JAMES EARL WISE
RICHARD ALLYN WISELL
NEAL MOFFITT WRIGHT
DAVID ARNOLD YAEGER
ROBERT DALE YOUNG
JOHN FRANCIS ZIESERL, Jr., High Honors

In Dairy Technology

JON FRED HOMEIER
EDWARD ALBERT LAWTON, Jr.

ROBERT PAYNE TUNNICLIFF

In Floriculture

ELIZABETH ANN HUBBARD, Honors
JOSEPH MATTHIAS KELLEN

JAMES JOHN MCLAUGHLIN

In Food Technology

FLOYD ELGIN PETTIT, Jr.

MARIA POROCH

In Forestry

JERRY RAGNAR NILSSON

RONALD LEE RUSSELL

In Home Economics

SAVILLA WILLIAMS ANDERSON
COENA BLOSSOM BLAIR
JOAN SHARON BOLIN
SARA EDDIE E. BONKOWSKI, Honors
VIRGINIA SMITH BRAY, Honors
BARBARA ANN BUENTE
RUTH HOLSTRUM CHILDELS
HELEN MARY CULKIN
DORIS DALE FADG
SHIRLEY JEAN FRANKLIN
CAROLE JOYCE FRIS, High Honors
ROSEMARIE SIGERST GEU
JOYCE DIANA GLINZ
PATRICIA MARY CORMAN
DELORES JOANN GREGORY
JUNE LOUISE HEPSTER
KANCY MARIE HERMAN
AUDREY CAROL HUCK, High Honors

BARI ANA MARY JOHNS, High Honors
SUE TAYLOR KNIGHT
MARY SCHRADE LANE
JUDITH KAY LEMMA
DEIRDRE LINDER
KATHRYN LUCILLE MANNING
LINDA LEE MOOBERRY, High Honors
NANCY FUNKHOUSER O'BRIEN
RUTH ANN PITELKA
SANDRA BETH RAYBURN
JEANINE RUTH SANQUIST
MARYLYN ANN SCHMIECHEL
JOANNE KAY SPAIDE
OPAL LEE READ TALBERT
SANDRA VERNON WINTER, Honors
JULIA PEDDERSSEN ZENK
CYNTHIA BEI-LING ZUNG

In Home Economics Education

MARY JANE BABLER
MARY JEAN BLAIR
KAY HELEN BRADSHAW
CAROL DIANE DICK
JUDITH ANN FAHNSTROM
VICTORIA KAY FEIT
JEAN PEGGY GILKISON
CAROLE DARLEN GRANT
MARY LEE HAHN, Honors
ARDIS ELEANOR HILL
MARY ANN INWOOD, Honors

SUZANNE LYNN JEFFRIES
ANN TICE PATTON
CAROLYN MARIE PETERSON
JANET Jo POMERENKE
LYNNE DIANE RADER
MYRNA ALENE REA, Honors
CAROL SUE ROBISON
ELSIE LOU ROBISON
ARLENE MARIE STEMLER
CAROL DAWN WOOD

In Restaurant Management

DANIEL ALDEN DAMON
BOARD OF TRUSTEES

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical Engineering

JOHN LAWRENCE ANDERSON
RICHARD LYLE BIELAWA, High Honors
BILL RAY BOYD
WILLIAM ROBERT CASEY
NORMAN CHUTRAU
HARRY BERNARD DYNER, Honors
HARRY THEODORE EKSTRAND, Jr.
RICHARD EUGENE GARDNER
HENRY KATZ
LEON CAROL KELLER, High Honors
JERRY DALE MACAEE
WAYNE ARTHUR MADSEN, High Honors
RICHARD OLIVER MCGUIRE

FRANCIS JOSEPH MELANIPHY
HAL GILPIN MEYER
WILLIAM ANTHONY MEYER
JOHN RICHARD NIEMANN
RICHARD GILBERT OLLILA
GEORGE GUY RICH, JR.
KARL GERALD SANDBERG
LAMBERT TAYLOR
STANLEY PETER THELANDER
NOEL AUSTIN THYSON, Honors
ROBERT SHIMMIN TRIPP
RONALD HENRY URBAN
WILLIAM FRANCIS WOLZ
DANIEL HOWARD YOUNG

In Agricultural Engineering

JOSEPH JOHN CLEG
EARL EUGENE EVANS
KENT RUSSELL FRANCIS, Honors
LYLE ELBERT FUNKHOUSER
VERNON PATRICK GILLESPIE
FRANK EDWARD HAYWARD
LARRY FRANCIS HUGGINS, High Honors

EUGENE FREMONT LEACH
DELMER REYNOLDS NELSON
ROBERT EARL KEINTS, Jr., High Honors
CHARLES KENNARD SPILLMAN, Honors
DON ROBERT STOUT
GARY LYNN WELLS, Honors

In Ceramic Engineering

ROBERT JETHRO BAKER, Jr., High Honors
JAMES CLEMENT BLOME, Honors
DAVID WILLIAM CARTER
MARTIN MICHAEL CHERSKY
DEANE GERALD CRAMER

DALE EDWARD GIESEKING
DAVID CHARLES HANSON
JAMES ALLEN LAIRD
LEONE PHYLLIS MURPHY
JAMES JOSEPH SPACHMAN

In Civil Engineering

JAMES HENRY AIKMAN
HENRY RAYMOND ALBIN ANDERSON, Jr.
JOHN ERNEST BAOD
LARRY LINCOLN BEARMAN
IVAN PAUL BERK
MARLIN KEITH BETTS
RICHARD LONNIE BOLTON
CLIFFORD OTTO BROUK
HAROLD GENE BUDEK
JOHN BRYTON CARLISLE, Honors
NORMAN DEAN CLAASSEN
MELFORD ARTHUR DABER
BARRY JO DEMPSEY
WILLIAM ARTHUR EYRE
ALLEN EUGENE FEHR
HENRY LEONARD GILL, Honors
JAMES ROBERT HETTICK
LYLE WINDSOR HUGHART
ALBERTO ILIAN ROBLEDO, Honors
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Raymond Joseph Husmann
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John Leslie Knight
William Rudolph Kobrow
Degrees Conferred at Chicago

GRADUATE COLLEGE

Degree of Doctor of Philosophy
Conferred June 10, 1960

In Anatomy
Donald Fairbairn MacDougal Bunce II, B.S., University of Miami, 1951; M.S., 1959
Margaret Wilkins DuBois, B.S., Roosevelt University, 1955; M.S., 1959

In Biological Chemistry
James Stephen Franzen, B.S., Wheaton College, 1955; M.S., 1958
Charles Ford Lange, Jr., B.S., M.S., Roosevelt University, 1951, 1953
Lewis Walter Mayron, B.S., Roosevelt University, 1954; M.S., 1956
Robert Charles Smith, B.S., Elmhurst College, 1954; M.S., 1958
Wendell Homer Southard, B.S., Drake University, 1950; M.S., 1953

In Chemistry (Pharmaceutical)
Zdeslaw Felix Chmielewicz, B.S., 1944; M.S., DePaul University, 1952
Masumi Nakamichi, B.S., M.S., 1951, 1956

In Microbiology
Nick Karabatsos, B.S., M.S., 1953, 1956

In Pharmacology
Alexander Herbert Friedman, A.B., New York University, 1948; M.S., 1957
Gerald Alan Kien, B.S., M.S., 1955, 1957

In Physiology

Degree of Master of Science
Conferred June 10, 1960

In Anatomy
Carolyn North Burnett, B.S., Iowa State University, 1954
Frederick Jeffress Ramsay, B.S., Washington and Lee University, 1958
Jerome Gabriel Stempak, B.S., Roosevelt University, 1958

In Biological Chemistry
Alexander Eichholz, A.B., Blackburn College, 1954
Alice Mayer Hoch, B.S., 1957
Vinay Vishwanath Likhite, B.S., McPherson College, 1955
Hunter Leon Mermail, B.S., Bradley University, 1952
Esther Kurtz Robinson, B.S., Wheaton College, 1957
Lionel Norton Simon, B.S., 1956
In Chemistry (Pharmaceutical)

Charles George Kornedy, B.S., University of Pazmany (Budapest), 1956
Paul Bodan LeVine, B.S., 1957

In Histology

Donald Eugene Ore, B.S., 1957

In Microbiology

Barbara Marie Lesak, B.S., 1957
Sandra Jean Mackey, B.S., Valparaiso University, 1958
Rita Pearl Eleanore Nelson, B.S., DePaul University, 1957
Lois Ann Stewart, A.B., Lindenwood College, 1958
Jack Sherwin Winberg, B.S., 1955

In Oral Pathology

Klaus Nuki, B.D.S., University of London (England), 1955

In Orthodontics

Keeki Minocher Mistry, B.D.S., University of Bombay (India), 1957
Martin George Pesek, B.S., D.D.S., University of Nebraska, 1948, 1948

In Pharmacology

Mohamed Samir Amer, B.Pharm., Alexandria University (Egypt), 1956
Harley William Bond, B.S., Duquesne University, 1957
Alfred Vincent Burris, B.S., 1958
Carmen Gloria Salvo, Ph.C., University of Chile (Chile), 1954
Lester Frank Soyka, B.S., University of Wisconsin, 1952

In Pharmacy

Eugene John Dehner, B.S., Philadelphia College of Pharmacy and Science, 1950

In Physiology

Noel Myron Bass, B.S., 1958
Raymond Paul Markel, Jr., B.S., University of Chicago, 1958

In Surgery

Peter Buinauskas, M.D., University of Vytautas (Lithuania), 1944
Andres Gabel, M.D., University of Javeriana (Colombia), 1955
Loren Jenkins Humphrey, A.B., Albion College, 1953; B.S., 1954
Ernest Wilson Staub, A.B., Colgate University, 1953; M.D., Northwestern University, 1957
Richard Anthony Tarizzo, B.S., M.D., 1953, 1957

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

Conferred June 12, 1959

Lewis Carter Baskins, B.S., Arkansas Agricultural, Mechanical, and Normal College, 1956
Charles Richard Berg, B.S., DePaul University, 1949
Jordan Berle Borns
George William Brent, with Honors
Joseph Salvatore Catasca
Braxton Ragland Coles, B.S., Hampton Institute, 1949
Arthur Elbridge De Vol, Jr.
Eugene Allen De Weeth, A.B., Wartburg College, 1956
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Robert Frank Endicott, A.B., Northwestern University, 1957

Alfred Ferdom, B.S., 1955
Robert Cranston Forney
BARRY CLIFFORD GORDON
Charles Martin Gorman, A.B., 1951
Kenneth Grover Groskopf, A.B., Wabash College, 1957
Gordon Wayne Hamilton
Norman Frank Heisner, B.S., 1956
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Philip Edward Kahler, B.S., 1955
Roger Charles Kline
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Degree of Doctor of Dental Surgery

Conferred July 31, 1959

Leonard Evason, B.S., 1957
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Biruta Berzins
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Edward Erwin Artz, B.S., 1958
Richard Runyan Baker, B.S., 1958
Alfred Bass, B.S., 1957
Marvin H. Berman, A.B., Northwestern University, 1956; B.S., 1958
Leo Francis Bieser, B.S., 1958
Victor L. Bigford, B.S., Emmanuel Missionary College, 1955; B.S., 1958
Glenn Francis Boas, B.S., 1958; with Honors
Calvin Wayne Borchartt, A.B., Northwestern University, 1956; B.S., 1958
Hugh Derward Burke, B.S., 1958
Christopher H. Costis, B.S., 1958
James George Cravens
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James Samuel Cricione
Ralph William Decker, B.S., Springfield College, 1952
Rudolph Ermete De Palma, B.S., Roosevelt University, 1951; B.S., 1958
Arthur Elbridge De Vol, Jr.
Harold Ruben Dreebin, B.S., 1958
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Robert Ray Ehrich, A.B., Wabash College, 1956; B.S., 1958
Thomas Everett Emminger, A.B., 1955; B.S., 1958
Donald Cameron Findlay, A.B., DePauw University, 1956; B.S., 1958
David Leslie Fishel, B.S., 1958
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William Allan Zerin, B.S., 1955

Charles Martin Gorman, A.B., 1951
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Donald Francis Hackman, B.S., 1958
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Donald Lee Hillock, Sr., B.S., University of Colorado, 1952
Benjamin C. Hoekstra, B.S., Calvin College, 1958
Norton Joel Jacobs, B.S., 1958
Louis Albert Jansky, A.B., Augustana College, 1950; M.S., 1953
Marvin Clarence Johnson, B.S., 1958
Don Robert Josephson, B.S., Monmouth College, 1954; B.S., 1958
Philip Edward Kahler, B.S., 1955
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ern Illinois University, 1956; B.S., 1958
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lege, 1949; Ph.D., Yale University;
1952
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Northwestern University, 1957
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State University, 1957
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Greenville College, 1951; B.S.,
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LESTER BARRY SALANS, A.B., University of Michigan, 1957; with Honors
GERALD FRANCIS SAUER
DANIEL JOHN SCHAFF
LAWRENCE FABER SCHALLER
JOSEPH DAVID SCHMIDT, with Honors
JULES SHAPIRO
JAMES FALENDER SHARP
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FORREST WALDO SMITH
EMORY JOHN SOBIESK
NORTON MARVIN SOKOL
HARRY JAMES SOLLOWAY
GUNTHER WILLIAM SONNENFELD, B.S., 1954
LESTER FRANK SOYKA, B.S., University of Wisconsin, 1952
NEAL ARTHUR SPERO, B.S., 1957
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ELROY ELMER TATGE
CHARLES OLIVER TERRELL
DENNIS PETERS THOMPSON, B.S., 1957
MITCHELL JOSEPH TRUBITT, B.S., 1957
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ROBERT LEE WEELDREYER, B.S., Wheaton College, 1956
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CHARLES HAMILTON WILLIAMS, JR.
JAMES STUART WOLF, A.B., Grinnell College, 1957
JAMES EDWARD ZUCKERMAN, JR., A.B., Hillsdale College, 1959

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MARVIN SAUL KAPLAN
Degree of Bachelor of Science in Occupational Therapy

Conferred June 10, 1960

MARY VIRGINIA ALLEN  
Judith Marie Dalton, A.B., Hanover College, 1957
Margaret Petersen Fratoni

DiANE SYLVIA RITTER  
Virginia Louise Robson, with Honors
Carol Joyce Sutor
Judith April Weininger, with Honors

Degree of Doctor of Medicine

Conferred September 12, 1959

RUTH EUNETTA RECKREY, B.S., 1957

Howard Norman Allen, B.S., 1958
Evelyn Mae Anderson, B.S., 1958
John Albert Anderson, B.S., 1958
Paul Melvin Aney, B.S., 1953, 1959; with Honors
Arlene Lillian Avrick, A.B., Augustana College, 1949; A.M., University of Colorado, 1956
Victor Alphonse Aydt, B.S., 1958
Karl Frederick Bader, Jr., A.B., Washington University, 1957; B.S., 1958
Peter Nicholas Baker, B.S., Purdue University, 1953; B.S., 1958
Noel Myron Bass, B.S., 1958; with Honors
Lewellyn Bringle Bailey, B.S., 1958
Paul Allen Berns, B.S., 1958
Bernard Blaauw, B.S., 1956, 1958
Martin Bernard Blumberg, B.S., 1958
SaUL A.M., University of Chicago, 1952; B.S., 1958
Stanley Dean Brandon, B.S., 1958
Kenneth Daniel Brandt, B.S., 1958
Arnold Gene Brody, B.S., 1959
David Mitchell Brown, B.S., 1956, 1958
Claude Bruce, B.S., Roosevelt University, 1956; B.S., 1958
David Lionel Bruce, B.S., 1958
Jerry Leon布鲁克, B.S., 1958
Stanley Matthew Bugaieski, B.S., 1958
Donald Lee Bunnell, B.S., 1958
Allan Bartlett Cad, B.S., 1958
Bennie F. Carpenter, B.S., 1957
Stanton Mel Charney, B.S., 1958
Herbert Hersh Chibul, B.S., 1956, 1958
James George Clark, B.S., 1958
Edward Lawrence Corder, Jr., B.S., A.M., Southern Illinois University, 1940, 1955; B.S., 1959

Marie Cortelyou, A.B., Park College, 1956
Richard Duane Corzatt, B.S., 1958
James Russell Creathe, B.S., 1958
Jack Henry Crosby, A.B., Washington University, 1956; B.S., 1958
Charles Slaught Crisinberry, A.B., Drake University, 1948; B.S., 1958
Karl Michael Davidson, B.S., 1957
Warren Doane, B.S., 1956, 1958
Alexander Doolas
John Ellison Dymond, B.S., 1956, 1958
Ocal Eastham, Jr., B.S., 1957, 1958
Bertwin Elmer Einfalt, A.B., B.S., 1957, 1958
Leland Robbins Ellis, B.S., Purdue University, 1958; B.S., 1958; with Honors
Edgar Allan Feldman, B.S., 1958
Ross Feldman, B.S., 1959; with Honors
Victor Fred Feldman, B.S., 1958
Myron Abraham Fisher, B.S., 1958
David William Fouts, B.S., Manchester College, 1956; B.S., 1959
Stasia Joanna Frank, B.S., 1958
Gerald Samuel Franklin, B.S., 1958
Joan Angert Friedland, B.S., 1958
Charles Andrew Gilbeert, A.B., DePauw University, 1956; B.S., 1958
Edward Charles Goldstein, B.S., 1958
Melvin Joel Goldstein, A.B., B.S., 1957, 1958
Paul Henry Goldstein, B.S., 1938
Arthur Goldstone, B.S., 1938
Raymond Merrill Gomberg, B.S., 1938
Carl Jeffrey Gordon, B.S., 1938
Donald Kay Gore, B.S., 1938
Robert Gottlieb, B.S., 1938
Paul Gunther Gottschalk, B.S., 1938
Melt Goumas, B.S., United States Naval Academy, 1951; B.S., 1958
James Van Gray, B.S., 1958
Ralph Webster Hale, B.S., 1938
Robert James Hanscom, B.S., 1958
Larry Kay Harkman, B.S., 1958
WILLIAM MACK HEBBLE, B.S., 1958
WILLIAM FREDERICK HENEBRY, B.S., Millikin University, 1954; B.S., 1956
JOHN WILLIAM HENGES, B.S., 1958
ROBERT GRANTHAM HICKERSON, J.R., A.B., B.S., 1956, 1959
MELVIN ALLEN HOCH, B.S., 1958
GENE OTTO HOERR, B.S., Bradley University, 1956; B.S., 1958
ROGER WALTER HOFMEISTER, B.S., 1958
ALAN WILLIAM HOLDERSNESS, B.S., A.B., University of Michigan, 1956; B.S., 1958
JEANETTE JOANNE HOOVER, B.S., 1958
DONALD KEITH JOHNSTON, A.B., B.S., 1956, 1959
ARNOLD AARON KAPLAN, B.S., 1958
ARNOLD MELVIN KAPLAN, B.S., Illinois Institute of Technology, 1952; B.S., 1958
JOSEPH MANELIS, A.B., 1956
JAMES STEVENSMATHIS, A.B., 1957
JANICE MAE MARY MCGOWAN, B.S., College of St. Teresa, 1950; B.S., 1958
LANCE W. MAINS, A.B., 1956, 1958
EDWARD IRWIN MILLER, A.B., B.S., 1956, 1958
RICHARD ROBERTS MILLER, B.S., 1958
CARMELINDA OLYMPIA MORETTI, A.B., Rosary College, 1956
SHELLEY HENRY NASATIR, B.S., 1958
JACK DAVID NESTOR, B.S., 1958
ROBERT ELLIS NOPAR, B.S., 1958
FLORIAN RICHARD NYKIEL, B.S., Illinois Institute of Technology, 1950; M.S., B.S., 1956, 1958
GEORGE PATRICK MERNIN
DAVID MARVIN TAYLOR, B.S., 1958
1376 BOARD OF TRUSTEES

CHARLES OLIVER TERREL, B.S., 1959
EDWARD HOWARD THEIS, A.B., Washington University, 1956; B.S., 1958
GLEN EDWARD TOMLINSON, B.S., 1958
MARVIN OTTO TREPTON, A.B., Knox College, 1956; B.S., 1958
EDWARD ALEXANDER ULRICH, B.S., 1958
ARTHUR BERNARD WAGMAN, B.S., 1955, 1958
HAROLD NORMAN WALCREN, B.S., 1958
MANUEL WARSASKI, B.S., 1958
JORDAN DALE WAXMAN, B.S., 1956, 1958

ROBERT LEE WEELDREYER, B.S., Wheaton College, 1956; B.S., 1959
ISAAC WEISZER, B.S., 1956, 1958
MYRIAM RICHARDSON WILSON, B.S., 1958
STUART DICKINSON WILSON, B.S., 1958
ROBERT MCCULLOCH WRIGHT, A.B., Kenyon College, 1956; B.S., 1958
WARREN ARTHUR WUNDERLICH, B.S., 1958
DAVID YASHON, B.S., 1958

COLLEGE OF NURSING
Degree of Bachelor of Science in Nursing

Conferred September 12, 1959

HARRIET JEANNE FORNEY
MILDRED MARY PERLIA
JANET CAROLINE SILLIMAN

ROSEMARY JEAN SPESSARD
NINA LEE WALKER

Conferred December 19, 1959

KATHERINE DOROTHEA BODENBENDER, with Honors

Conferred June 10, 1960

MARILYN ELIZABETH BELTER
CAROL ANNE BENSON
EVA BERZINS
CHARLOTTE VON BEHREN BLASE, with Honors
PATRICIA ANN BLASER
JOAN ELIZABETH CAMPBELL
CAROLE ELAINE DOHM
LUCILLE HARRISON
BETTY MARIE HAWS
SHIRLEY MARCIA HENDERSON
MARCIA ANN IHRIG

ALICE BURCH ORRAFOSMART, Homer G. Phillips Hospital School of Nursing, 1938
CARYL MARIE PETERSON, with Honors
MARY FLOYD PETERSON
DORIS ANNE RICHARDSON, Reid Memorial Hospital School of Nursing, 1952
BARBARA SWARTZ SNYDER, with Honors
GERTRUDE IVEY WOODS, Lamar University Hospital School of Nursing, 1955

COLLEGE OF PHARMACY
Degree of Bachelor of Science in Pharmacy

Conferred September 12, 1959

PATRICK WILLIAM BRAY
DAVID WAYNE DERRICK
WELDON ARTHUR JOHNSON

RYO KUBOTA
RONALD EDWARD NEDVED

Conferred June 10, 1960

DONALD LESTER ABELS, B.S., 1952; with Honors
CARL PHILLIP ANDERSON
MICHAEL ALEXANDER ASSIM, A.B., Northwestern University, 1957

MURIEL JEAN BAGE
RUSSELL HUGH BALL
RICHARD ROBERT BECK
KENNETH RAY BEHRENS
MELVIN DEWITT BOWER
JAMES RICHARD BENE
MICHAEL CHARLES CANNATA
IRA LAWRENCE CHASEN
WILLIAM LEO CHRISTOPHER, Jr.
JOSEPH PHILIP CIPRIANO
RICHARD JAMES CIPRIANO

DAVID WINDSOR COOPER
FRANK A. CRANE, A.B., Greenville College, 1936; M.S., University of Pittsburgh, 1945; Ph.D., University of Rochester, 1951
CAROL SUE DAVIS
DALE GEORGE DAVIS
PHILLIP ALEXANDER DICKLER
DANIEL GEORGE DIVER
MELVYN GERALD DOLIN
ARNOLD LEE EIBENBERGER
MICHAEL HAROLD ELLMAN
JAMES ARNOLD ENDLER
ADRIAN DOUGLAS FEINERMAN
ERWIN IAN FELDMAN
EDWARD ANDREY FOJTIK, B.S., 1957
CITIZENS COMMITTEE ON UNIVERSITIES BOND ISSUE

Mrs. Watkins called attention to the appointment by Governor William G. Stratton of Mr. Park Livingston as Chairman of a State Citizens Committee to promote public understanding of the Universities Bond Issue. On her motion, the Board voted to express its appreciation to the Governor for this action.

SEPTEMBER MEETING

On motion of Mrs. Watkins, the Board voted to hold its September meeting in Urbana, Illinois, on Wednesday, September 21, as provided in the recently amended By-Laws of the Board of Trustees.

EXECUTIVE SESSION

At this point an executive session was requested and ordered for the consideration of the following items of business.

PURCHASE OF KLASSEN FARM IN CHAMPAIGN COUNTY

The Dean of the College of Agriculture and Director of the Agricultural Experiment Station, the Director of the Physical Plant, and the Vice-President and Comptroller recommend the purchase by the University of Illinois Foundation, and for subsequent acquisition by the University, from Mrs. Jane Klassen, Urbana, of a farm of between 153 and 160 acres east of the First Street road south of Champaign between present University farms and the Temple farm purchased in March, at a price of $2,000 an acre, payable in full at the time possession is given to the Foundation not later than October 1, 1961.

Since the availability of state appropriations for land acquisitions during the 1961-63 biennium can not yet be determined, the Foundation has agreed to borrow up to $320,000 from the First National Bank of Chicago and to lease the property to the University at a rental sufficient to cover the interest and other costs. Commitment to make the loan has been secured from the Bank. In the
event that the capital appropriations are available at the time of delivery of possession, the University will make the purchase directly.

The Committee on Buildings and Grounds has previously considered this proposal and recommends approval.

On motion of Mr. Hughes, the purchase of this farm by the University of Illinois Foundation for the University was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

PURCHASE OF LAND ADJOINING ROBERT ALLERTON PARK

The Vice-President and Comptroller recommends the purchase by the University of approximately twenty acres of land adjoining Robert Allerton Park at its southwest corner. The owner, Mrs. Edith Widick, has agreed to sell this area of land at a price of $75 an acre. It is recommended that this purchase be authorized, at the price indicated, from funds in the Allerton House Operations account which will be reimbursed from a grant which Mr. Robert Allerton has generously offered to make for this land acquisition.

I concur.

On motion of Mr. Pogue this purchase was authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

PURCHASE OF HARLAN E. MOORE PROPERTY AT ARMORY AVENUE AND THE ILLINOIS CENTRAL RAILROAD, CHAMPAIGN

The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase for the University by the University of Illinois Foundation of the Harlan E. Moore property located north of Armory Avenue and bounded by the Illinois Central Railroad to the west and Oak Street to the east. The property consists of a land area of 38,000 square feet and two, two-story lumber storage buildings which have a total floor area of 44,500 square feet. The land will be needed eventually for the expansion of the Power Plant. In the meantime the buildings can be remodeled and used to good advantage for the relocation of the University's Central Receiving Station, to which materials for stock are delivered, and for housing the Office Supply Store, thus releasing space on the campus needed for other purposes. Independent appraisals of this property by two real estate experts indicate a valuation of $68,000 to $70,000. The owner's asking price was originally $80,000 but he has agreed to accept $70,000.

It is recommended that the Board of Trustees authorize the University of Illinois Foundation to purchase this property for the University and the lease of this property from the Foundation by the University until such time as funds are available for purchase by the University.

A supporting recommendation from the Physical Plant Department is submitted herewith and is being filed with the Secretary of the Board for record. I concur.

On motion of Mr. Johnston, the purchase of this property and its lease from the University of Illinois Foundation were authorized by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendation relating to an invention by members of the staff.

Polybenzimidazoles with all aromatic units — Carl S. Marvel, Research Professor of Organic Chemistry, and Herward Vogel, Research Associate in Chemistry, inventors. The novel feature of these polymers is heat resistance. (Heating
together tetraamino aromatic compounds and diphenyl esters of dibasic aromatic acids under reduced pressure in an inert atmosphere gives high molecular weight polymers which are extremely resistant to heat.) They are stable to at least 450°C and some to more than 500°C.

The research project from which the invention results was supported by a grant from the National Science Foundation.

The Committee has recommended that this invention be released to the University of Illinois Foundation for exploration of its commercial possibilities provided that due consideration is given to the rights of the sponsoring agency.

I concur in this recommendation.

Mr. Clement reported the Board’s Committee on Patents also concurs in this recommendation, and on his motion, the same was approved.

This concluded the executive session.

RECESS FOR SPECIAL ORDER OF BUSINESS

At the hour of 10:00 a.m. the Board recessed to reconvene at 10:30 a.m. for a special order of business, the hearing of the case of Dr. Leo F. Koch, Assistant Professor of Biological Science. The actions of the Board relating to this hearing are recorded elsewhere in these minutes.

During the hearing a recess was taken for luncheon following which, and prior to resumption of the hearing, the Board took up consideration of the following items of business relating to the issue of “The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A.”

Action on these matters could not be taken during the forenoon session of the Board because bids on the bonds being issued were received in Chicago at 11:00 a.m. today and were reported by telephone during the luncheon recess.

HOUSING REVENUE BONDS OF 1960. SERIES A

The Vice-President and Comptroller presents the Third Supplemental Housing Revenue Bond Resolution, supplementing the Resolution approved December 17, 1958, and creating $5,000,000 Housing Revenue Bonds of 1960, Series A, and recommends its adoption. He also recommends that the Board:

- Authorize the retention of the firm of Chapman and Cutler, Chicago, as counsel for the bond issue;
- Ratify and confirm the action of the Comptroller in advertising for the sale of bonds;
- Authorize the execution of the bonds by A. J. Janata, Secretary of the Board, by the facsimile signatures of the President of the Board, and by the facsimile signatures of Frances B. Watkins and Timothy W. Swain, members of the Board;
- Authorize the Comptroller and Treasurer to deliver the Series A Bonds of 1960 to Blyth and Company, Inc., and White, Weld, and Company and Associates; and
- Ratify and confirm all actions taken or to be taken by the officers and members of the Board in connection with the sale and delivery of the bonds.

I concur.

On motion of Mr. Swain, the foregoing recommendations were approved, and the Third Supplemental Housing Revenue Bond Resolution, as printed below, was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.
A Resolution Creating and Authorizing the Issue, Authentication, and Delivery of $5,000,000 Housing Revenue Bonds of 1960, Series A, and Supplementing a Resolution Duly Adopted by the Board of Trustees of the University of Illinois on December 17, 1958

WHEREAS, The Board of Trustees of the University of Illinois, on due consideration and investigation, does now find and determine that it is advisable and necessary and in the interests of the University of Illinois and the welfare of its students and faculty to construct and equip additional buildings and related facilities for the purpose of housing its students and staff; and

WHEREAS, in order to provide such facilities it is advantageous to the University and necessary that the University borrow money and issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes 1959, and all laws amendatory thereof and supplemental thereto; and

WHEREAS, The Board of Trustees of the University of Illinois on December 17, 1958 did duly adopt a resolution (herein sometimes called "Original Resolution") providing for the issuance of revenue bonds and under the terms of said Original Resolution did create and issue an initial issue of Bonds in the aggregate principal amount of $3,150,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1958, Series B," in the principal amounts of $1,625,000 and $1,525,000, respectively; and

WHEREAS, The Board of Trustees of the University of Illinois on June 23, 1959, did duly adopt a First Supplemental Resolution providing for the issuance of revenue bonds and under the terms of the Original Resolution as supplemented thereby did create and issue additional Bonds in the aggregate principal amount of $1,040,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series A," and "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series B," in the principal amounts of $1,625,000 and $1,525,000 respectively; and

WHEREAS, The Board of Trustees of the University of Illinois on October 21, 1959, did duly adopt a Second Supplemental Resolution providing for the issuance of revenue bonds and under the terms of the Original Resolution as then supplemented (said Original Resolution as so supplemented by said First and Second Supplemental Resolutions being herein sometimes called the "Resolution") did create and issue additional Bonds in the aggregate principal amount of $6,900,000 consisting of Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series C," in the principal amount of $3,450,000 and Bonds designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1959, Series D," in the principal amount of $3,450,000; and

WHEREAS, The Board of Trustees of the University of Illinois now desires to create and to authorize the issue, authentication and delivery of an additional issue of Bonds under and in accordance with the Resolution as supplemented by this Third Supplemental Resolution thereto, which additional Bonds are to be limited to the aggregate principal amount of $5,000,000 at any one time outstanding, which shall be known as "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A" (hereinafter called "1960 Series A Bonds").

NOW, THEREFORE, BE IT RESOLVED by The Board of Trustees of the University of Illinois:

ARTICLE ONE

Supplementary Provisions Relating to Income and the Application Thereof

Section 1.1. Pledge of Revenues. The pledge of the revenues (including the revenues to be derived from the operation of Project D hereinafter mentioned) contained in Section 5.01 of the Original Resolution and Section 1.1 of the First Supplemental Resolution and Section 1.1 of the Second Supplemental Resolution is hereby ratified and confirmed and all revenues to be derived from the operation of Project D are hereby specifically pledged for the purposes mentioned in said Section 5.01 of the Original Resolution.
Section 1.2. Supplementation of Revenues. It is hereby determined by the Board of Trustees and it is hereby covenanted that in view of the additional issue of Bonds to be outstanding it is necessary to supplement the revenues to be derived from the facilities by a further use of student tuitions which are authorized by law to be retained in the Treasury of the University and therefore the limitation contained in clause (b) of Section 5.03 of the Original Resolution as supplemented by Section 1.2 of the First Supplemental Resolution and further supplemented by Section 1.2 of the Second Supplemental Resolution be and the same is hereby increased by an amount equal to $150,000 so that such supplementation shall henceforth be an amount not to exceed in any one fiscal year the lesser of (a) an amount which when added to the revenues to be derived from the facilities will be sufficient to meet the annual operating expenses of the facilities and to provide for the payments required to be made into the Bond and Interest Sinking Fund established for the benefit of the Bonds in subsection (b) of Section 5.02 of the Original Resolution, or (b) $600,000 plus such additional sums as may be specified in any other resolution supplemental to the Resolution as supplemented hereby, creating or authorizing the issuance of additional Bonds.

ARTICLE TWO

1960 Series A Bonds and the Issuance Thereof

Section 2.1. Project D and Purpose of Issue of Bonds. The project (hereinafter designated "Project D") to be acquired, constructed, equipped and completed pursuant to this Third Supplemental Resolution is described in a general way as:

1. A five-story addition to the Graduate Residence Hall now under construction (Project B as described in the First Supplemental Resolution), located at 1010 West Green Street, Urbana, Illinois, said addition to accommodate 214 students; and

2. Apartments for 252 married students, to be located south of existing apartments (item 3 of Project A as described in the Original Resolution), and to be known as Orchard Downs Apartments.

The estimated cost of said Project D is $5,000,000 exclusive of land and exclusive of any pro rata share of the University power and heating plant serving the Project, but including the cost of extending utilities to the facilities of the Project. The estimated cost of each portion of said Project D is more fully set forth in the Plans and Specifications therefor on file with the Comptroller of the University.

It is hereby determined that in order to produce the funds necessary to construct and equip Project D that the University borrow the sum of $5,000,000 and in evidence thereof to issue its Housing Revenue Bonds hereunder in said principal amount.

Section 2.2. Terms of 1960 Series A Bonds. There is hereby created and authorized an additional series of Bonds to be issued under the Resolution as supplemented by this Third Supplemental Resolution to be substantially in the form and of the tenor and purport hereinafter set forth and limited to the aggregate principal amount of Five Million Dollars ($5,000,000) at any one time outstanding, which shall be designated "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A" (hereinafter called "1960 Series A Bonds").

The 1960 Series A Bonds shall be issued as negotiable coupon Bonds dated April 1, 1960, registrable as to principal in the denomination of $1,000 or as fully registered Bonds without coupons, dated as of the interest payment date to which interest was last paid, next preceding the date of issue, unless issued on an interest payment date on which interest was paid, in which case they shall be dated as of the date of issue, or unless issued prior to October 1, 1960, in which case they shall be dated April 1, 1960. Each fully registered Bond without coupons shall be of a single maturity. Fully registered Bonds without coupons shall be numbered in such manner satisfactory to the Trustee as may be designated by the Comptroller and shall be issued in denominations of $1,000 or multiples thereof, shall bear interest from April 1, 1960, payable semiannually on the first days of April and October in each year until paid, commencing October 1, 1960,
at the rates provided below and shall mature in the following amounts on October 1 of the following years:

<table>
<thead>
<tr>
<th>Year of Maturity</th>
<th>Amount</th>
<th>Interest Rate</th>
<th>Year of Maturity</th>
<th>Amount</th>
<th>Interest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1963</td>
<td>$40,000</td>
<td>3 1/4%</td>
<td>1981</td>
<td>$100,000</td>
<td>4%</td>
</tr>
<tr>
<td>1964</td>
<td>40,000</td>
<td>3 1/4%</td>
<td>1982</td>
<td>100,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1965</td>
<td>40,000</td>
<td>3 1/4%</td>
<td>1983</td>
<td>120,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1966</td>
<td>40,000</td>
<td>3 1/4%</td>
<td>1984</td>
<td>120,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1967</td>
<td>40,000</td>
<td>3 1/4%</td>
<td>1985</td>
<td>120,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1968</td>
<td>60,000</td>
<td>4%</td>
<td>1986</td>
<td>140,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1969</td>
<td>80,000</td>
<td>4%</td>
<td>1987</td>
<td>140,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1970</td>
<td>80,000</td>
<td>4%</td>
<td>1988</td>
<td>140,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1971</td>
<td>80,000</td>
<td>4%</td>
<td>1989</td>
<td>140,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1972</td>
<td>80,000</td>
<td>4%</td>
<td>1990</td>
<td>160,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1973</td>
<td>80,000</td>
<td>4%</td>
<td>1991</td>
<td>160,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1974</td>
<td>80,000</td>
<td>4%</td>
<td>1992</td>
<td>160,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1975</td>
<td>100,000</td>
<td>4%</td>
<td>1993</td>
<td>160,000</td>
<td>4.10%</td>
</tr>
<tr>
<td>1976</td>
<td>100,000</td>
<td>4%</td>
<td>1994</td>
<td>340,000</td>
<td>4.20%</td>
</tr>
<tr>
<td>1977</td>
<td>100,000</td>
<td>4%</td>
<td>1995</td>
<td>360,000</td>
<td>4.20%</td>
</tr>
<tr>
<td>1978</td>
<td>100,000</td>
<td>4%</td>
<td>1996</td>
<td>380,000</td>
<td>4.20%</td>
</tr>
<tr>
<td>1979</td>
<td>100,000</td>
<td>4%</td>
<td>1997</td>
<td>400,000</td>
<td>4.20%</td>
</tr>
<tr>
<td>1980</td>
<td>100,000</td>
<td>4%</td>
<td>1998</td>
<td>420,000</td>
<td>4.20%</td>
</tr>
</tbody>
</table>

The 1960 Series A Bonds shall be redeemable prior to their maturity at the option of the Board of Trustees, either in whole or in part, on October 1, 1970, or on any interest payment date thereafter in the inverse order in which they mature at the principal amount thereof, together with the interest accrued thereon to the date fixed for redemption plus a premium of the following percentages of such principal amount if redeemed during the following periods respectively:

<table>
<thead>
<tr>
<th>Period of Redemption</th>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1, 1970 through April 1, 1973</td>
<td>4%</td>
</tr>
<tr>
<td>October 1, 1973 through April 1, 1978</td>
<td>3%</td>
</tr>
<tr>
<td>October 1, 1978 through April 1, 1983</td>
<td>2%</td>
</tr>
<tr>
<td>October 1, 1983 through April 1, 1988</td>
<td>1%</td>
</tr>
</tbody>
</table>

All redemptions made on or after October 1, 1988 shall be without premium and all redemptions shall be made in the manner, upon the notice and with the effect provided in Article Three of the Resolution.

SECTION 2.3. Payment of Principal and Interest. Both the principal of and the interest on the 1960 Series A Bonds shall be payable in any coin or currency which, on the respective date of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, or its successor in the City of Chicago, Illinois, or at the option of holders at The Chase Manhattan Bank, or its successor, in the Borough of Manhattan and City and State of New York.

SECTION 2.4. Form of Bonds. The definitive coupon Bonds of 1960 Series A, the interest coupons to be attached thereto, the form of fully registered Bonds without coupons of 1960 Series A, shall be in substantially the following forms with appropriate insertions, omissions and variations to evidence differences in number, interest rate, maturity and like matters:

(From of Coupon Bond)

UNITED STATES OF AMERICA
STATE OF ILLINOIS
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS HOUSING REVENUE BOND OF 1960
(Series A)

Number ........................................ $1,000

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay to bearer, but only out of the Housing Revenue
Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of ONE THOUSAND DOLLARS ($1,000), on October 1, 1960, and to pay interest on said sum from the date hereof until paid at the rate of ............ per cent (......%) per annum, payable October 1, 1960, and semi-annually thereafter on the first days of April and October in each year until the principal amount hereof has been fully paid. Interest accruing on this bond on and prior to the maturity date hereof shall be payable on presentation and surrender of the interest coupons hereto attached as they subsequently become due, but no interest shall accrue on this bond after the maturity hereof unless this bond shall be presented for payment and be not then paid.

Both principal hereof and interest hereon are hereby made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called “Trustee”), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder, at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of Five Million Dollars ($5,000,000) principal amount of Housing Revenue Bonds of 1960, Series A, issued or to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First, Second and Third Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, and June 14, 1960, respectively (said Bond Resolution as so supplemented being herein referred to as the “Resolution”), for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on October 1, 1970, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: four per cent (4%) of the principal amount thereof if redeemed October 1, 1970 through April 1, 1973; three per cent (3%) of the principal amount thereof if redeemed October 1, 1973 through April 1, 1978; two per cent (2%) of the principal amount thereof if redeemed October 1, 1978 through April 1, 1983; one per cent (1%) of the principal amount thereof if redeemed on October 1, 1983 through April 1, 1988, and without premium if redeemed on October 1, 1988 or thereafter.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part is issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds heretofore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of $600,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing
revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or the State of Illinois is pledged to the payment of this bond or the interest thereon.

This bond shall pass by delivery unless it is registered as to principal in the name of the holder on the books of registration of said University kept at the office of the Trustee in Chicago, Illinois, such registration to be noted on the back hereof. After such registration no transfer hereof shall be valid unless made on such books by the registered holder in person or by attorney duly authorized in writing and similarly noted hereon, but this bond may be transferred in like manner to bearer, and thereupon transferability by delivery shall be restored and it may again from time to time be registered or transferred to bearer as before. Such registration, however, shall not restrict the negotiability of the coupons hereto appertaining, but such coupons shall be transferable by delivery merely and payable to the bearer hereof.

Subject to the provisions for registration and transfer, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and during such time as this bond is payable to bearer, the same and each of the coupons hereto appertaining may be negotiated by delivery by any person having possession thereof, and any holder who shall have taken this bond while so payable to bearer or any of said coupons from any person for value and without notice shall thereby acquire absolute title to this bond or to such coupons, as the case may be, free of any defenses enforceable against any prior holder and free from all equities and claims of ownership of any such prior holder and The Board of Trustees of the University of Illinois, the Trustee, and any paying agent may deem and treat the bearer of this bond, or, if registered, the person in whose name it is registered, and the bearer of any interest coupons appertaining hereto as the absolute owner hereof for all purposes and shall not be affected by any notice to the contrary whether this bond or any coupon appertaining thereto be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (66\(\frac{2}{3}\)%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preferential or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facili-
ties, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinafter set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereto affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and has caused the interest coupons hereto attached to be executed by the facsimile signatures of said President and Secretary, and this bond to be dated as of the 1st day of April, 1960.

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest: .................................................... By ............................................................
Secretary President

.................................................... ....................................................
Member Member

(Form of Interest Coupon)

Number........................................ $..................................

On the first day of .........................................................., 19........ (unless the bond to which this coupon is attached has theretofore been called for payment and payment made or provided for), The Board of Trustees of the University of Illinois will pay to bearer on surrender hereof, solely out of the fund specified in the bond to which this coupon is attached, the sum of .................................................... Dollars ($............................) in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank, in the Borough of Manhattan and City and State of New York, as provided in the Housing Revenue Bond of 1960, Series A, dated April 1, 1960, Number..................................

........................................
Secretary President

(Form of Registered Bond Without Coupons)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS HOUSING REVENUE BOND OF 1960

(Series A)

No.......................................................... $..............................

The Board of Trustees of the University of Illinois, a body corporate, created and existing under the laws of the State of Illinois, for value received promises to pay (but only out of the Housing Revenue Bond Fund as hereinafter provided for, and not otherwise) to...................................................., or registered assigns, on October 1, 19........, the principal sum of .................................................... Dollars ($............................) and to pay interest thereon which shall be paid by check or draft mailed to the registered owner at his address as it appears on the bond
registration books of the Trustee hereinafter mentioned as Bond Registrar, at the rate of 4 per cent (4\%) per annum, payable October 1, 1960, and semi-annually thereafter on the first days of April and October in each year from the date hereof until the principal amount hereof has been fully paid.

Both principal hereof and interest hereon are made payable in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for the payment of debts due the United States of America, at The First National Bank of Chicago (hereinafter called "Trustee"), or its successor in trust under the Resolution hereinafter referred to, in the City of Chicago, Illinois, or at the option of the holder at The Chase Manhattan Bank in the Borough of Manhattan and City and State of New York.

This bond is one of an authorized series of Five Million Dollars ($5,000,000) principal amount of Housing Revenue Bonds of 1960, Series A, issued or to be issued pursuant to a Bond Resolution of The Board of Trustees of the University of Illinois duly adopted December 17, 1958, as supplemented by First, Second and Third Supplemental Resolutions thereto duly adopted June 23, 1959, October 21, 1959, and June 14, 1960, respectively (said Bond Resolution as so supplemented being hereinafter referred to as the "Resolution") for the purpose of providing funds for paying the cost of constructing and equipping student and staff housing and related facilities. Said Resolution, among other things, provides for the issuance of additional bonds pursuant thereto in the manner and upon the terms and conditions more fully set forth therein.

The bonds of this Series are redeemable prior to maturity as a whole or in part on October 1, 1970, or on any interest payment date thereafter in the inverse order in which they mature at the option of The Board of Trustees of the University of Illinois at par and accrued interest to the date of redemption and a premium as follows: four per cent (4\%) of the principal amount thereof if redeemed October 1, 1970 through April 1, 1973; three per cent (3\%) of the principal amount thereof if redeemed October 1, 1973 through April 1, 1978; two per cent (2\%) of the principal amount thereof if redeemed October 1, 1978 through April 1, 1983; one per cent (1\%) of the principal amount thereof if redeemed on October 1, 1983 through April 1, 1988; and without premium if redeemed on October 1, 1988 or thereafter.

Notice of redemption of any or all of said bonds shall be published once a week for two successive calendar weeks, the first such publication to be within not less than thirty days prior to the date of redemption, such publication to be made in one daily newspaper printed in the English language and published and of general circulation in the City of Chicago, Illinois, and also in a financial newspaper printed in the English language and published and of general circulation in the Borough of Manhattan, City and State of New York, and when this bond or any of the bonds of such authorized issue shall have been duly called for redemption, interest thereon shall cease from and after the specified redemption date if redemption monies are available for the payment of all bonds called for redemption.

This bond and the series of which it forms a part are issued under the authority of The Board of Trustees of the University of Illinois to issue and sell revenue bonds under the provisions of paragraphs 48.1 through 48.7 of Chapter 144 of the Illinois Revised Statutes, 1959, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond is payable, both as to principal and interest, only from the revenues required to be credited to the Housing Revenue Bond Fund as provided in the Resolution; which revenues are to be derived from (1) the operation of the revenue producing facilities constructed, completed, and equipped with the proceeds of this bond issue, bonds herefore issued pursuant to the Resolution and additional bonds which may hereafter be issued pursuant to the Resolution, (2) student tuitions authorized by law to be retained in the University treasury, but not in excess of $600,000 annually plus such additional sums as may be specified in any supplemental resolution creating or authorizing additional bonds to be issued pursuant to the Resolution as so supplemented, and (3) certain existing revenue producing buildings of the University after the prior payment of other indebtedness to the extent set forth in the Resolution. This bond and the series of which it forms a part do not constitute an indebtedness of said University of Illinois, The Board of Trustees of the University of Illinois, or the State of Illinois within any constitutional or statutory limitation, and neither the taxing power nor the general credit of said University, of said Board of Trustees, or of the
State of Illinois is pledged to the payment of this bond or the interest thereon.

Subject to the provisions for registration and transfer contained herein and in the Resolution, this bond and all other bonds of this issue shall have all of the qualities of negotiable instruments, and shall be transferable by the registered owner at the principal office of the Trustee in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon a new registered bond without coupons of the same principal amount, interest rate and maturity will be issued to the transferee as provided in the Resolution, upon payment of the transfer charges therein prescribed. The Board of Trustees of the University of Illinois, the Trustee and any other person may treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment and for all other purposes and shall not be affected by any notice to the contrary whether this bond be overdue or not.

The bonds of this series are issuable as coupon bonds registrable as to principal only in the denomination of $1,000 and as registered bonds without coupons in the denomination of $1,000 or a multiple thereof. Each fully registered bond without coupons shall be of a single maturity. The coupon bonds and the registered bonds without coupons are interchangeable for bonds of the same interest rate and maturity upon presentation thereof for such purpose by the holder or registered owner at the principal office of the Trustee in the City of Chicago, Illinois, and upon payment of charges and otherwise as provided in the Resolution.

The rights and obligations of the University and of the holders of the bonds may be modified or amended at any time with the consent of The Board of Trustees of the University of Illinois and of the holders of sixty-six and two-thirds per cent (662/3%) in principal amount of outstanding bonds in the manner, to the extent, and upon the terms and conditions provided in the Resolution; provided that no such modification or amendment shall (i) extend the maturity of or reduce the interest rate on or otherwise alter or impair the obligation of the University to pay the principal, interest or redemption premiums, if any, at the time and place and at the rate and in the currency provided therein of any bond without the express consent of the holder, or (ii) permit the creation of any mortgage or pledge or lien on the facilities, or upon any income therefrom or other funds pledged or held under the Resolution, except as permitted by the Resolution, other than the lien and pledge created thereunder, or (iii) permit the creation by The Board of Trustees of the University of Illinois of any preference or priority of any bond or bonds over any other bond or bonds or coupon or coupons over any other coupon or coupons, or (iv) reduce the percentage in principal amount of bonds required for the affirmative vote or written consent to an amendment or modification without the consent of the holder of this bond; all as more fully set forth in the Resolution.

The Board of Trustees of the University of Illinois hereby covenants with the holder of this bond that it will keep and perform all the covenants and agreements in the Resolution adopted by it, authorizing the issuance of this bond and the series of which it forms a part, and hereby irrevocably obligates itself to administer the said income and revenue derived from the operation of said facilities, as provided for in and by said Resolution, and to establish from time to time parietal rules, rents, and charges for the use of said facilities and to maintain and collect rents and charges and to withhold student tuitions, sufficient to pay the reasonable cost of operating and maintaining said facilities, and pay the principal of and interest upon all revenue bonds which by their terms are payable from such revenues, until all of such bonds have been paid in full, both as to principal and interest.

It is hereby certified and recited and declared that all acts, conditions, and things required to exist, to happen, and to be performed, precedent to and in the issuance of this bond, have existed, have happened, and have been performed in due form, time, and manner, as required by law and the applicable resolutions of The Board of Trustees of the University of Illinois, and that provision has been made for setting aside the income and revenue to be derived from the operation of said facilities to be applied in the manner hereinafore set forth.

IN WITNESS WHEREOF, The Board of Trustees of the University of Illinois has caused this bond to be executed by the facsimile signatures of its President and two of its members, the corporate seal of the University of Illinois to be hereon affixed (or a facsimile thereof to be reproduced hereon), and attested by its Secretary, and this bond to be dated as of the 1st day of ............, 19......
ARTICLE THREE

MISCELLANEOUS

SECTION 3.1. Application of Bond Proceeds. The Board of Trustees hereby determines that Project D will become revenue producing on or about September 30, 1961, and therefore that portion of the proceeds of the 1960 Series A Bonds representing the interest accrued on such Bonds to the date of payment thereof shall, together with an amount equal to the interest to accrue on such Bonds through September 30, 1961, be deposited with the Trustee in the Bond and Interest Sinking Fund Account as required by Section 6.01 of the Resolution.

The balance of said proceeds of the 1960 Series A Bonds shall, as required by Section 6.01 of the Resolution, be deposited in a bank or banks which are members of the Federal Deposit Insurance Corporation and shall be accounted for as one or more separate funds. The application of the funds in such accounts and the disposition thereof shall in all respects comply with all the terms and provisions of Article Six of the Resolution, subject to the terms and provisions of any contract or agreement permitted by or contemplated in said Article Six between the Board of Trustees and any original purchaser of such Bonds.

SECTION 3.2. Interpretation and Construction. This Third Supplemental Resolution is supplemental to and is adopted in accordance with Sections 2.06 and 4.02 of the Resolution. In all respects not inconsistent with this Third Supplemental Resolution, the Resolution is hereby ratified, approved and confirmed, and all of the definitions, terms, covenants and restrictions of the Resolution shall be applicable to the additional Bonds authorized by this Third Supplemental Resolution and the proceeds thereof except as otherwise expressly provided. All of the terms and provisions of this Third Supplemental Resolution shall be deemed to be a part of the terms and provisions of the Resolution, and the Resolution and this Third Supplemental Resolution shall be read, taken and construed as one and the same instrument. In executing or authenticating any Bond authorized by this Third Supplemental Resolution the Trustee and each officer, agent or employee of the University shall be entitled to all of the privileges and immunities afforded to them under the terms of the Resolution.

SECTION 3.3. Resolution Effective on Passage. This Resolution shall become effective upon its passage.

Attest: ___________________________________________ By ___________________________________________

Secretary President

Member Member

STATE OF ILLINOIS | ss.

COUNTY OF CHAMPAIGN

I, ___________________________________________, do hereby certify that I am the duly elected, qualified and acting Secretary of The Board of Trustee of the University of Illinois, and as such official have charge and custody of the minutes and records of said Board of Trustees.

I further certify that the attached resolution is a true, correct and exact copy of the original resolution adopted by The Board of Trustees of the University of Illinois at its legally convened meeting held on the 14th day of June, 1960, all as appears of record in my office.

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said University this __________________ day of __________________, 19_________.

______________________________________________
Secretary as aforesaid.
SALE OF BONDS FOR GRADUATE RESIDENCE HALL ADDITION AND ORCHARD DOWNS APARTMENTS

(35) Bids were received at 11:00 a.m., June 14, 1960, for the sale of $5,000,000 of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A" to finance construction of the Graduate Residence Hall Addition and the Orchard Downs Apartments.

Bids were received as follows:

<table>
<thead>
<tr>
<th>Company and Company and Company and Associates</th>
<th>Price</th>
<th>Interest Rates</th>
<th>Effective Interest Rate</th>
<th>Total Interest Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blyth and Company, Inc., and White, Weld, and Company and Associates</td>
<td>$4,925,540</td>
<td>3%, 4.10, 4.20</td>
<td>4.1862</td>
<td>$5,739,290</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Company and Company and Associates</th>
<th>Price</th>
<th>Interest Rates</th>
<th>Effective Interest Rate</th>
<th>Total Interest Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Nuveen and Company and Associates</td>
<td>$4,925,000</td>
<td>4.20, 4.10</td>
<td>4.2888</td>
<td>5,879,910</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Company and Company and Associates</th>
<th>Price</th>
<th>Interest Rates</th>
<th>Effective Interest Rate</th>
<th>Total Interest Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. S. Smithers and Company and Associates</td>
<td>$4,926,450</td>
<td>4.5</td>
<td>4.3036</td>
<td>5,900,300</td>
</tr>
</tbody>
</table>

The Vice-President and Comptroller recommended that the bonds be sold to Blyth and Company, Inc., and White, Weld, and Company and Associates at a price of $4,925,540 plus accrued interest and at an effective interest rate of 4.1862, which represents the lowest interest cost to the University.

The successful bidder has requested that the Continental Illinois National Bank and Trust Company of Chicago be designated as depository for the Construction Fund.

The Vice-President and Comptroller recommends that this request be approved; that the bank be authorized to accept the facsimile signatures of the President and Secretary of the Board of Trustees on checks drawn in the Corporation's name; that the bank be entitled to honor and to charge this Corporation for all such checks, drafts, or orders, regardless of by whom or by what means facsimile signatures may have been affixed if such facsimile signatures duplicate the facsimile specimens filed with the Continental Illinois National Bank and Trust Company of Chicago; and that the Vice-President and Comptroller and those deputized by him be authorized to execute orders for the purchase, sale, or exchange of United States securities acquired as temporary investment of the funds.

On motion of Mr. Swain, the sale of the bonds to Blyth and Company, Inc., and White, Weld, and Company and Associates at a price of $4,925,540 plus accrued interest and at an effective interest rate of 4.1862, which represents the lowest interest cost to the University, was authorized and the other foregoing recommendations were approved by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Wilkins, Mr. Williamson; no, none; absent, Mr. Stratton.

SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations and declinations; (4) leaves of absence; (5) changes in sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

(There is the date in parentheses the date on which the appointment was made by the President of the University. C = College; S = Station; E = Extension.)

Adamstone, Frank B., Research Professor of Zoology, two months from June 16, 1960, $1,444.44 a month; this is in addition to his present appointment (6-1-60).

Allen, Alfred W., Professor of Ceramic Engineering (C), two months from July 1, 1960, $1666.66 a month; this is in addition to his present appointment (5-10-60).
ALMY, GERALD M., Professor of Physics and Acting Head of the Department (C), two months from July 1, 1960, $2022.22 a month; this is in addition to his present appointment (5-27-60).

ALTSTETTER, CARL J., Assistant Professor of Physical Metallurgy (Department of Mining and Metallurgical Engineering) (C), two months from June 16, 1960, $755.55 a month; this is in addition to his present appointment (6-2-60).

ANG, ALFREDO, Assistant Professor of Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, $755.55 a month; this is in addition to his present appointment (5-26-60).

APPLEQUIST, DOUGLAS E., Research Assistant Professor of Chemistry, two months from June 16, 1960, $867 a month; this is in addition to his present appointment (5-27-60).

ASCOTT, GIULIO, Associate Professor of Physics (C), June 16-July 31, 1960, and September 1-15, 1960, $933.33 a month; this is in addition to his present appointment (5-27-60).

AUSTIN, WALTER J., Associate Professor of Civil Engineering (C), 3/4 time, two months from June 16, 1960, $483.34 a month; this is in addition to his present appointment (5-27-60).

BAILEY, ALBERT D., Professor of Electrical Engineering (C), two months from June 16, 1960, $1133.33 a month; this is in addition to his present appointment (5-16-60).

BAIR, WILLARD J., Assistant Professor of Mechanical Engineering (C), time, June 16-August 15, 1960, $889 a month; this is in addition to his present appointment (5-27-60).

BARKER, ARTHUR E., Professor of English, indefinite tenure beginning February 1, 1961, to render service during each academic year, $16,000 a year (5-5-60).

BARNES, Terence J., Research Associate in Chemistry, one year from September 1, 1960, $5800 (5-4-60).

BARTLE, ROBERT G., Associate Professor of Mathematics, June 16-July 31, 1960, $944.44 a month; this is in addition to his present appointment (5-10-60).

BOHL, ROBERT W., Professor of Mining and Metallurgy (C), two months from June 16, 1960, $2000; this is in addition to his present appointment (5-31-60).

BORESI, ARTHUR P., Professor of Theoretical and Applied Mechanics (C), two months from June 16, 1960, $2088; this is in addition to his present appointment (5-27-60).

BORNARTH, ROBERT L., Assistant in the Institute of Aviation, June 20-August 13, 1960, $475 a month (5-27-60).
BRIGHTBILL, LINWOOD J., Professor of Architectural Engineering (Department of Architecture), Summer Session of 1960, June 20-August 13, 1960, $2423 for the period (5-11-60).

BRILEY, BRUCE E., Research Assistant in the Digital Computer Laboratory, June 16-August 31, 1960, $444.44 a month (5-27-60).

BROWN, FREDERICK C., Associate Professor of Physics (C), two months from June 16, 1960, $1111.11 a month; this is in addition to his present appointment (5-27-60).

BROWNLee, JAMES L., JR., Instructor in Analytical Chemistry, academic year beginning September 1, 1960, $6000 (5-3-60).

CARLSON, CLARENCE, Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, $400 for the period; for the convenience of the University, he will also receive board and room while on duty (6-2-60).

CASTEN, SAbIKe H., Instructor in Chemistry (Chicago Undergraduate Division), Summer Session of 1960, June 17-August 12, 1960, $600 for the period, supersedes previous Summer Session appointment (5-26-60).

CHANG, LENA, Research Assistant in Mathematics, two months from June 16, 1960, $400 a month (5-27-60).

CHAO, BEI Tse, Professor of Mechanical Engineering (C), ¾ time, two months from June 16, 1960, $959 a month; this is in addition to his present appointment (5-27-60).

CHAPMAN, CARLETON A., Professor of Geology, Summer Session of 1960, June 20-July 30, 1960, $1917 for the period (5-26-60).

CHOW, VEN Te, Professor of Hydraulic Engineering (Department of Civil Engineering) (S), two months from June 16, 1960, $1122.22 a month; this is in addition to his present appointment (5-27-60).

CLARK, MARLYN E., Associate Professor of Theoretical and Applied Mechanics (C), ½ time, two months from June 16, 1960, $296.30 a month; this is in addition to his Summer Session appointment on ½ time (5-31-60).

CLIFFORD, CANDACE R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, $422.22 a month (5-27-60).

COLEMAN, PAUL D., Professor of Electrical Engineering (C), two months from June 16, 1960, $1311.11 a month; this is in addition to his present appointment (5-27-60).

CONNOR, DAVID V., Research Associate in Psychology, ½ time, eleven months from September 1, 1960, $2800 (5-24-60).

COOK, GLENN M., Research Assistant in Chemistry, two months from June 16, 1960, $400 a month (5-27-60).

CORRELL, NOBLE O., JR., Clinical Instructor in Surgery (Medicine), four months from May 1, 1960, without salary, supersedes salaried appointment (5-9-60).

COSTIN, FRANK, Counselor in the Student Counseling Service, ½ time, June 20-August 13, 1960, $450 a month; this is in addition to his present appointment (5-31-60).

COWIN, JOHN W., Instructor in Chemistry (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, $1378 for the period, supersedes previous Summer Session appointment (5-27-60).

CRANE, EVERTT, Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, $500 for the period (6-1-60).

CRANWELL, JACK M., Assistant Manager of WILL-TV, with rank of Assistant Professor, in the Division of University Broadcasting (Journalism and Communications), ½ time, and in the Office of Instructional Television (Office of the Provost), ½ time, June 1, 1960-August 31, 1961, $6000 a year (5-17-60).

CROSS, JOHN S., Assistant in Mathematics, Summer Session of 1960, June 20-August 13, 1960, $800 for the period (5-13-60).

CROSS, MRS. MARY A., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, $422.22 a month (5-27-60).

CUMMINS, RICHARD L., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1960, $500 a month (5-27-60).

DANIELS, RALPH, Associate Professor of Pharmacy-Chemistry (Pharmacy), two months from July 1, 1960, $1022.22 a month; this is in addition to his present appointment (5-9-60).
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DAVIDSON, Raymond A., Assistant Professor of Electrical Engineering (C), two months from June 16, 1960, $844.44 a month; this is in addition to his present appointment (5-10-60).

DAVISson, Melvin T., Instructor in Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, ½ time, $623 for the period (5-26-60).

DAY, Mahlon M., Professor of Mathematics, ½ time, two months from July 1, 1960, $811.11 a month; this is in addition to his present appointment (5-10-60).

Deschamps, George A., Professor of Electrical Engineering (C), one month from June 16, 1960, $1666.67 a month; this is in addition to his present appointment (5-10-60).

DREHeR, John F., Instructor in General Engineering (C), academic year beginning September 1, 1960, $7200 (5-3-60).

Drickamer, Harry G., Professor of Chemical Engineering (S), two months from June 16, 1960, $2000 a month; this is in addition to his present appointment (6-2-60).

EBERT, Edward D., Associate Professor of General Engineering (Department of Civil Engineering) (Summer Surveying Camp), Summer Session of 1960, July 25, 1960-August 26, 1960, $1112 for the period (5-16-60).

Fellmann, Jerome D., Research Associate Professor of Geography, ½ time, July 1-August 9, 1960, $568; this is in addition to his Summer Session appointment on ½ time (6-1-60).

FELLoWs, Julian R., Professor of Mechanical Engineering and Group Leader in the Indian Institute of Technology, Kharagpur, West Bengal, India, under Contract ICAC-1220, June 16-August 31, 1960, $1225 a month; and for two years from September 1, 1960, $15,450 a year. In addition to salary, allowances as provided in the Standardized U.S. Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid. He will retain indefinite tenure in the Department of Mechanical Engineering after termination of these contracts (5-27-60).

FELTS, Warren A., Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, $400 for the period; for the convenience of the University, he will receive board and room while on duty (6-1-60).

Fishman, William E., Research Assistant in Medicine (Medicine), two months from July 1, 1960, $387.50 a month (5-25-60).

Fosdick, Lloyd D., Research Assistant Professor of Physics (Digital Computer Laboratory), two months from July 1, 1960, $833.33 a month; this is in addition to his present appointment (5-10-60).

Fraenkel, Gottfried S., Professor of Entomology, two months from June 16, 1960, $1333.33 a month; this is in addition to his present appointment (5-4-60).

Frajola, W. J., Visiting Lecturer in Chemistry and Chemical Engineering, Summer Session of 1960, July 18-August 13, 1960, $1500 for the period (6-1-60).

Gallo, Frank, Instructor in Art, Summer Session of 1960, ½ time, June 20-August 13, 1960, $777 for the period (5-11-60).

Gear, Charles W., Instructor in the Digital Computer Laboratory, Summer Session of 1960, June 20-August 13, 1960, $1200 for the period, supersedes his previous Summer Session appointment (5-24-60).

Gilson, Mrs. Mary V., Assistant in Occupational Therapy (Medicine), April 16-August 31, 1960, $425 a month (5-4-60).

Govindjee, Mrs. Rajni, Research Assistant in Botany, two months from July 1, 1960, $366.67 a month, supersedes (5-4-60).

Granicher, Walter H. H., Associate Professor of Physics and of Ceramic Engineering (C), July 17-August 31, 1960, $1000 a month, supersedes (7-13-60).

Greenfield, George B., Clinical Instructor in Radiology (Medicine), ½ time, two months from July 1, 1960, $270.83 a month, supersedes his nonsalaried appointment (5-10-60).

Gurley, Edward D., Instructor in Theoretical and Applied Mechanics (C), academic year beginning September 1, 1960, $5400 (5-3-60).

Hall, Wade H., Instructor in Business English, Summer Session of 1960, ½ time, June 20-August 13, 1960, $545 for the period (5-11-60).

Haltiwanger, John D., Professor of Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, $2134 for the period (5-26-60).
HART, HAROLD, Visiting Lecturer in Chemistry, Summer Session of 1960, June 20-August 13, 1960, $2200 for the period (5-26-60).

HASKELL, GLENN P., Assistant Professor of English, Summer Session of 1960, June 20-August 13, 1960, $1623 for the period, supersedes previous Summer Session appointment (6-1-60).

HAYDEN, EDGAR C., Associate Professor of Electrical Engineering (C), two months from June 16, 1960, $1054.44 a month; this is in addition to his present appointment (5-16-60).

HENDERSON, DONALD M., Research Associate Professor of Geology, June 20-August 13, 1960, $1777.77; this is in addition to his present appointment (5-23-60).

HENNES, JAMES D., Research Assistant in the Institute of Communications Research, June 20-August 13, 1960, $800 (5-18-60).

HERBST, RICHARD J., Research Assistant in Ceramic Engineering (S), June 16-August 31, 1960, $1375, supersedes (5-12-60).

HILL, ROGER G., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1960, ½ time, June 20-August 13, 1960, $1112 for the period (5-26-60).

HOFMANN, FRANZ E., Associate Professor of Education, June 20-August 13, 1960, $1288.88; this is in addition to his present appointment (5-4-60).

JENSEN, DANIEL W., Research Assistant in Physics (C), two months from June 16, 1960, $422 a month (5-5-60).

HORNBECK, PETER L., Instructor in Landscape Architecture (Department of City Planning and Landscape Architecture), to render service during the second semester of the academic year, February 1-August 31, 1961, $471.43 a month (5-10-60).

HORSFALL, WILLIAM R., Professor of Entomology, two months from June 16, 1960, $1077.78 a month; this is in addition to his present appointment (5-4-60).

HUBBARD, DONALD M., Research Associate Professor of Mathematics, two months from June 16, 1960, $656 a month; this is in addition to his present appointment (5-23-60).

KHACHATURIAN, NARBEY, Associate Professor of Civil Engineering, Summer Session of 1960, June 20-August 13, 1960, $1889 for the period, supersedes previous Summer Session appointment (5-26-60).

KITAYAMA, MICHIO, Research Assistant in Physics (S), one month from September 1, 1960, $575 (5-10-60).

JONES, J. L., Research Assistant in Medicine (Medicine), three months from June 1, 1960, $766.66 a month, supersedes (5-16-60).

JONES, EDWIN C., Jr., Research Assistant in Mechanical Engineering, to render service during the second semester of the academic year, September 1-June 16, 1960, $2400 (5-17-60).

KOEHLS, CARL W., Assistant Professor of Mathematics, two months from June 16, 1960, $777.77 a month; this is in addition to his present appointment (5-10-60).

LAMBERT, WILLIAM V., Adviser to the Vice-Chancellor of the Uttar Pradesh Agricultural University, Rudrapur, India, and Group Leader of the University of Illinois Staff, June 24, 1960-August 31, 1962, $22,000 a year. This appointment is for service under Contract ICAc-1258 at the Uttar Pradesh Agricultural University, Rudrapur, Uttar Pradesh. In addi-
tion to salary, allowances as provided in the Standardized U.S. Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid. (5-20-60).


Lapidus, Gabriel, Research Associate in Chemistry, one year from September 1, 1960, $8500 (5-23-60).

Lawrence, Kent L., Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1960, $3600 (5-3-60).

Lee, Shun-Ku, Research Associate in Theoretical and Applied Mechanics (C), ¼ time, academic year beginning September 1, 1960, $2500 (5-3-60).

Lerch, Harold H., Assistant in Education, Summer Session of 1960, June 20-July 16, 1960, $500 for the period (5-26-60).

Lieberman, David, Associate Professor of Metallurgical Engineering (Department of Mining and Metallurgical Engineering) (C), two months from June 16, 1960, $666.66 a month; this is in addition to his present appointment (6-2-60).

Matteer, Beverly, Assistant in Library Science, Summer Session of 1960, June 20-August 13, 1960, $800 for the period (5-13-60).

McClure, Donald S., Visiting Lecturer in Chemistry, Summer Session of 1960, June 16-August 15, 1960, $3000 for the period (5-26-60).

McNair, Louis M., Instructor in the Institute of Aviation, one year from September 1, 1960, $6200 (5-18-60).

McVitte, George C., Professor of Astronomy, two months from July 1, 1960, $1800 a month; this is in addition to his present appointment (5-10-60).

Mitchell, Graham S., Assistant in English, Summer Session of 1960, June 20-August 13, 1960, $934 for the period (5-1-60).

Mitra, Raj, Visiting Assistant Professor of Electrical Engineering (C), two months from June 16, 1960, $844.44 a month (5-10-60).

Moake, Frank B., Assistant Professor of English, Summer Session of 1960, June 20-August 13, 1960, $1452 for the period, supersedes previous Summer Session appointment (6-1-60).

Moore, Duane M., Research Assistant in Geology, June 20-August 13, 1960, $800 (5-23-60).

Morrell, Walter D., Catalog Assistant in the Library, three months from June 1, 1960, $416.66 a month, supersedes (5-4-60).

Murrell, Thomas A., Associate Professor of Electrical Engineering (Digital Computer Laboratory), September 1, 1960-September 15, 1960, $666.67 a month; this is in addition to his present appointment (5-18-60).

Newmark, Nathan M., Professor of Civil Engineering and Head of the Department, Summer Session of 1960, June 20-July 16, 1960, ¼ time, $542 for the period, supersedes previous Summer Session appointment (5-26-60).

Olerks, Mrs. Margaret H., Instructor in English (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, $1467 for the period (5-16-60).

Pappademos, John N., Assistant Professor of Physics (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, $1489 for the period (5-16-60).

Pennisi, Louis L., Associate Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, ¾ time, $1445 for the period (5-16-60).

Petersen, Arnold, Visiting Lecturer in Education in the University High School (Mathematics Project), one month from August 1, 1960, $450; and nine months from September 16, 1960, $4050 (5-10-60).

Phillips, Anne, Instructor in English (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, $350 a month (5-4-60).

Piper, Theron S., Research Assistant Professor of Chemistry, two months from June 16, 1960, $766.67 a month; this is in addition to his present appointment (5-23-60).

Porter, Douglas R., Instructor in City Planning (Department of City Planning and Landscape Architecture), academic year beginning September 1, 1960, $5800 (5-10-60).
QUINN, J. KERKER, Associate Professor of English, Summer Session of 1960, June 20-August 13, 1960, ½ time, $923 for the period (6-1-60).

RASMUSSEN, MRS. LORE M., Visiting Research Associate in Education, June 20-August 13, 1960, $1334 (5-4-60).

REES, CANDIDA K., Instructor in Mathematics (Chicago Undergraduate Division), to render service during the first semester of the academic year, September 1, 1960-January 31, 1961, $2600 (5-3-60).

RICE, WILLIAM A., Visiting Associate Professor of Geology, Summer Session of 1960, June 20-August 13, 1960, $1778 for the period (5-11-60).

RIGGIN, GLENN, Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, $490 for the period (6-1-60).

ROBERTSON, JAMES E., Research Professor of Electrical Engineering (Digital Computer Laboratory), two months from June 16, 1960, $1477.78 a month; this is in addition to his present appointment (5-10-60).

SANchez, JOSE, Associate Professor of Foreign Languages (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, ½ time, $1275 for the period (5-16-60).

SCHWARZLOSE, PAUL F., Associate Professor of Electrical Engineering, Summer Session of 1960, June 20-August 13, 1960, $2889 for the period (5-16-60).

SEAGRAVE, MRS. BARBARA A. G., Visiting Lecturer in Music, assigned to Summer Youth, Summer Session of 1960, June 19-July 23, 1960, $275 for the period; for the convenience of the University, she will also receive board and room while on duty (6-1-60).

SEIDEN, ESTHER, Visiting Lecturer in Mathematics, Summer Session of 1960, ½ time, June 20-August 13, 1960, $667 for the period; this is in addition to her appointment as Visiting Assistant Professor of Mathematics (Graduate College) on ½ time (5-11-60).

SEYFARTH, FRANCIS, Professor of Mechanical Engineering in the Indian Institute of Technology, Kharagpur, West Bengal, India, under Contract ICAc-rzm, June 16-August 31, 1960, $1050 a month; and September 1, 1960-July 31, 1962, $13,050 a year. In addition to salary, allowances as provided in the Standardized U.S. Government Civilian Allowance Regulations (Foreign Areas) as from time to time amended, will also be paid. He will retain indefinite tenure in the Department of Mechanical Engineering after termination of this contract (5-31-60).

SHIMKIN, DEMITRI B., Professor of Anthropology and of Geography, indefinite tenure from September 1, 1960, to render service during each academic year, $12,000 a year (5-17-60).

SIEGFRIED, ROBERT, Research Associate Professor of Chemistry, ½ time, two months from June 16, 1960, $417 a month; this is in addition to his present appointment (5-23-60).

SINGER, MORS E B., Instructor in Mechanical Engineering, Summer Session of 1960, June 20-August 13, 1960, $1467 for the period, supersedes previous Summer Session appointment (5-26-60).

SKORNA, HARRY J., Associate Professor of Radio and Television (Journalism and Communications), indefinite tenure from September 1, 1960, to render service during each academic year, $12,300 a year (5-17-60).

SNYDER, HAROLD R., Research Professor of Organic Chemistry, two months from June 16, 1960, $3177.78; this is in addition to his present appointment (5-4-60).

SNYDER, JAMES N., Research Professor of Physics (Digital Computer Laboratory), two months from June 16, 1960, $1277.78 a month; this is in addition to his present appointment (5-10-60).

SOUTHARD, CHARLES W., Visiting Lecturer in Education, Summer Session of 1960, June 20-August 13, 1960, $1800 for the period (5-16-60).

SPATARO, LUCIAN P., Instructor in Business English, Summer Session of 1960, ½ time, June 20-August 13, 1960, $545 for the period (5-10-60).

SRENNKLE, CASE M., Instructor in Economics, academic year beginning September 1, 1960, $7000 (5-9-60).
SRINIVASAN, T. M., Research Associate in Physics (C), one year from September 1, 1960, $7000 (5-3-60).

STEEFEL, L. D., Visiting Lecturer in Art, Summer Session of 1960, June 20-August 13, 1960, $2000 for the period (5-11-60).

STEEFEL, NINA M., Research Associate in Education, June 20-August 13, 1960, $1000 (5-4-60).

STERNBURG, JAMES G., Associate Professor of Entomology, two months from June 16, 1960, $661.11 a month; this is in addition to his present appointment (5-4-60).

STERNBERG, JAMES G., Associate Professor of Entomology, two months from June 16, 1960, $861.11 a month; this is in addition to his present appointment (5-10-60).

STINER, BERNARD H., Visiting Lecturer in Music, assigned to the Division of University Extension, Summer Session of 1960, June 19-July 23, 1960, $500 for the period (5-1-60).

STRAUTT, JOHN R., Research Assistant in Sociology, two months from June 16, 1960, $400 a month (5-10-60).

SWANSON, WILLIAM P., Research Associate in Physics (C), May 23-August 31, 1960, $7500 a year, superseded (5-24-60).

SWENSON, GEORGE W., JR., Professor of Electrical Engineering (C) and of Astronomy, two months from June 16, 1960, $1222.22 a month; this is in addition to his present appointment (5-10-60).

TAUB, ABRAHAN H., Research Professor of Applied Mathematics (Digital Computer Laboratory), two months from June 16, 1960, $2222.22 a month; this is in addition to his present appointment (5-10-60).

TAULBEE, DALE B., Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1960, $2700 (5-3-60).

TAYLOR, CHARLES E., Professor of Theoretical and Applied Mechanics (C), June 16-30, 1960; July 16-August 15, 1960; and September 1-15, 1960, $1155.55 a month; this is in addition to his present appointment (5-10-60).

TILBURY, GLEN, Visiting Lecturer in Chemistry, two months from June 16, 1960, $950 a month (5-23-60).

TIMKO, MICHAEL, Assistant Professor of English, Summer Session of 1960, June 20-August 13, 1960, $1334 for the period, supersedes previous Summer Session appointment (6-1-60).

TSUJIOKA, IREN, Research Associate in Psychology, ½ time, eleven months from September 1, 1960, $2800 (5-24-60).

VAN DYKE, RUSSELL A., Assistant in Animal Science (S), four months from May 1, 1960, $366.67 a month, superseded (5-4-60).

VESTLING, CARL S., Professor of Biological Chemistry, Summer Session of 1960, June 20-July 19, 1960, $1550 for the period (6-1-60).

VON FOERSTER, HEINZ, Professor of Electrical Engineering (C), two months from June 16, 1960, $1355.55 a month; this is in addition to his present appointment (5-10-60).

VON TURKOVICH, BRANIMIS F., Research Associate in Physics (C), two months from June 16, 1960, $844.44 a month; this is in addition to his present appointment (5-23-60).

WALKER, DIANNE, Undergraduate Library Assistant in the Library, one year from September 1, 1960, $5200 (5-4-60).

WALLACE, VERNON E., Assistant in Surgery (Division of Anesthesiology) (Medicine), two months from May 1, 1960, without salary (5-9-60).

WAX, NELSON, Research Professor in the Coordinated Science Laboratory (C), two months from June 16, 1960, $1555.55 a month; this is in addition to his present appointment (5-16-60).

WILLIAMS, MRS. CATHERINE N., Temporary Head Resident, Lincoln Avenue Residence (North), two months from July 1, 1960, $250 a month; for the convenience of the University she will also be furnished room and board while on duty, valued at $31 a month (5-4-60).

WILEY, ROSEMARY F., Instructor in Mathematics (Chicago Undergraduate Division), Summer Session of 1960, June 20-August 13, 1960, $1245 for the period (5-16-60).

WILSON, HOWARD B., JR., Instructor in Theoretical and Applied Mechanics (C), ½ time, academic year beginning September 1, 1960, $2700 (5-3-60).

ZABORETZKY, FRANK T., Registered Pharmacist (Pharmacy), four months from May 1, 1960, $466.67 a month, superseded (5-9-60).
GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved the date indicated in parentheses.)

Adkins, Richard W., Engineering Faculty Development Teaching Fellow in Mechanical Engineering, one year from September 16, 1960, $1750 (4-28-60).

Aronson, Neil G., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).

Astle, William R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3450 (5-1-60).

Baldwin, Robert L., Jr., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, $1500 (5-2-60).

Ballowe, James C., Summer Fellow in English, two months from June 16, 1960, $350 (5-18-60).

Bardasis, Angelo, Texas Instruments Fellow in Physics, nine months from September 16, 1960, $2000 (4-25-60).

Barthel, John W., Summer Fellow in German, two months from June 16, 1960, $350 (4-25-60).

Banyas, Steven, Summer Fellow in Mathematics, June 16-August 11, 1960, $600 (4-25-60).

Beck, Walter E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-1-60).

Becker, John O., Trane Company Fellow in Mechanical Engineering, nine months from September 16, 1960, $1650 (4-28-60).

Beher, Merlyn J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3450 (5-1-60).

Bender, Leon, Merck Company Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $1650 (5-2-60).

Beylacqua, Vincent M., Summer Fellow in Speech, two months from June 16, 1960, $350 (4-25-60).

Bishop, Inez E., Summer Fellow in Education, two months from June 16, 1960, $350 (5-18-60).

Boon, Donald J., United States Public Health Service Post-Sophomore (Medical) Research Fellow in the Chicago Professional Colleges, one year from September 16, 1960, $3200 (5-11-60).

Borders, Donald B., Allied Chemicals Fellow in Chemistry, nine months from September 16, 1960, $2500 (5-9-60).


Brittain, Thomas M., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1960, $2000 (4-30-60).

Brosheer, Virginia E., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).

Burger, Edward H., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3450 (5-1-60).

Burke, Frederick L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4800 (5-1-60).

Burbows, Ralph, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $500 (5-2-60).

Byerly, Benjamin F., Summer Fellow in History, two months from June 16, 1960, $350 (5-2-60).

Campbell, John M., Summer Fellow in Entomology, two months from June 16, 1960, $350 (5-2-60).

Cafek, Raymond G., General Electric Foundation Fellow in Ceramic Engineering, nine months from September 16, 1960, $1750 (5-9-60).

Cawley, Robert L., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).

Cawley, Robert G., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1960, $1650 (4-15-60).

CHRIST, MIRIAM, Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-20-60).

COHN, ARNOLD M., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-1-60).

COHN, ARNOLD M., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).

COLEMAN, BERNELL, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $500 (5-2-60).

COSTLEY, CHARLES G., Summer Fellow in Mathematics, two months from June 16, 1960, $350 (4-25-60).

CREECH, ROGER L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3900 (5-1-60).

CUTLIP, WILLIAM F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3900 (5-1-60).

DAMBRISIO, CHARLES A., Summer Fellow in Economics, two months from June 16, 1960, $350 (4-25-60).

DAUNT, MRS. GERALDINE F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-1-60).

DAVIS, MILTON A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-1-60).

DIEHL, WAYNE E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3500 (5-1-60).

DIPERT, ARNOLD W., Summer Fellow in Electrical Engineering, two months from June 16, 1960, $350 (4-25-60); and Collins Radio Company Teaching Fellow in Electrical Engineering, nine months from September 16, 1960, $2000 (5-4-60).

DOWAN, THOMAS A., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).

DOUGLAS, KATHRYN F., Summer Fellow in English, two months from June 16, 1960, $350 (4-25-60).

DOYLE, ANNE T., Summer Fellow in English, two months from June 16, 1960, $350 (4-25-60).

DREW, ERNEST H., Allied Chemicals Corporation Fellow in Chemistry, nine months from September 16, 1960, $2500 (5-9-60).

EISELE, GEORGE A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-1-60).

ELLWOOD, R. B., Summer Fellow in Geology, two months from June 16, 1960, $350 (4-25-60).

ESTER, JOHN W., Summer Fellow in Law, two months from June 16, 1960, $350 (4-25-60).

EVANS, DAVID R., Summer Fellow in Physics, two months from June 16, 1960, $350 (4-25-60).

EYMAN, D. P., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (5-10-60).

FAVATA, JAMES V., University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $500 (5-2-60).

FITZKE, DAVID G., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-1-60).

GELOW, JOE C., Summer Fellow in Electrical Engineering, two months from June 16, 1960, $350 (5-10-60).

GEIGER, DAVID, Summer Fellow in Mathematics, two months from June 16, 1960, $350 (4-25-60).

GITTEL, MORTON, Summer Fellow in Law, two months from June 16, 1960, $350 (4-25-60).

GLORI, MRS. THELMA H., H. W. Wilson Fellow in Library Science, nine months from September 16, 1960, $500 (5-10-60).
GROSS, ROLF L., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).

GUBISCH, NANCY, National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).

GURA, IRA, Eastman Kodak Company Research Fellow in Chemical Engineering, nine months from September 16, 1960, $1000 (5-2-60).

GWINN, DONALD E., National Science Foundation Cooperative Fellow in Chemistry, nine months from June 16, 1960, $1650 (4-21-60).

HAGGSTROM, GUS W., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3450 (5-1-60).

HAMMES, HENRY R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-11-60).

HANSON, RICHARD S., Summer Fellow in Microbiology, two months from June 16, 1960, $350 (4-25-60).

HARRIS, PHILIP J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3450 (5-1-60).

HAYNES, ROBERT G., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1960, $2000 (4-28-60).

HENKOFF, LEV, Merck Company Foundation Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).

HEITHERINGTON, JACK H., Minnesota Mining and Manufacturing Company Fellow in Physics, nine months from September 16, 1960, $2000 (4-26-60).

HEWITSON, RICHARD E., University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $500 (5-2-60).

HONG, GEORGE, Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-29-60).

HUDSON, ALAN E., Summer Fellow in Russian, two months from June 16, 1960, $350 (4-25-60).

IVERSEN, IVER P., Summer Fellow in the Classics, two months from June 16, 1960, $350 (4-25-60).

JEWELL, WILLIAM R., Lederle Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-28-60).

JOHNSON, RONALD C., Summer Fellow in English, two months from June 16, 1960, $350 (4-25-60).

JONES, EDWIN C., Westinghouse Educational Foundation Teaching Fellow in Electrical Engineering, nine months from September 16, 1960, $2500 (5-4-60).

KAPFA, ROBERT W., Summer Fellow in Electrical Engineering, two months from June 16, 1960, $350 (4-25-60).

KARNEK, FRANK E., Summer Fellow in Geology, two months from June 16, 1960, $350 (4-25-60).

KERSCHULL, HARVEY G., Summer Fellow in Political Science, two months from June 16, 1960, $350 (4-25-60).

KLAFTA, LEONARD A., Jr., United States Public Health Service Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-28-60).

KLEBER, MONA D., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

KLINKA, JOHN K., Summer Fellow in Physiology, two months from June 16, 1960, $350 (4-25-60).

KOPACEK, KRISTYNA, United States Public Health Service Fellow (Trainee) in Food Technology, one year from June 16, 1960, $2200 (5-11-60).

KOTESA, ROSEMARY, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

LANDBERG, JOHN A., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).

LEE, CHIN K., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1960, $2400 (4-18-60).

LEY, WILLIAM, National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).
LEWIS, MRS. ORDA E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
LIPSEY, ALLEN I., Tobacco Industry Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $500 (5-2-60).
MACEK, ROBERT D., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
MAILMAN, DAVID, University Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $500 (5-16-60); and University Fellow in the Chicago Professional Colleges, nine months from September 16, 1960, $1800 (5-16-60).
MARSDEN, JUDITH L., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).
MASLAUSKI, WILLIAM, Fellow in Architecture, nine months from September 16, 1960, $1500 (5-2-60).
MATHIS, NANCY S., Summer Fellow in Botany, two months from June 16, 1960, $350 (4-25-60).
MAXSON, CARLTON J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4800 (5-1-60).
McGUIRE, EDWARD J., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, $1500 (5-2-60).
MCMILLAN, MRS. JOYCE A., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).
MEIER, LYLE K., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4800 (5-1-60).
METZGER, MARY J., University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, $1500 (5-2-60).
MEYERHOLTZ, ROY A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
MEYER, HARRY W., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).
MUTH, JAMES L., Summer Fellow in Entomology, two months from June 16, 1960, $350 (4-25-60).
MOCKENHAUS, JEROME D., Union Carbide Corporation (Visking Company) Fellow in Mechanical Engineering, nine months from September 16, 1960, $1800 (4-28-60).
MOORE, EDMUND T., JR., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4800 (5-1-60).
MOORE, HAROLD W., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).
MUHL, ZANE F., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).
MUTTER, JOSEPH M., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
NAZARIAN, JOHN, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
NIEZIELSKI, ROBERT J., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60); and DuPont Teaching Fellow in Chemistry, nine months from September 16, 1960, $1200 (5-23-60).
O'BRIEN, MARILYN, Samuel Higby Camp Foundation Fellow in the Chicago Professional Colleges, one year from July 1, 1960, $3000 (4-29-60).
OPPEWAL, DONALD, Summer Fellow in Education, two months from June 16, 1960, $350 (4-25-60).
O'REGAN, PATRICK J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4800 (5-1-60).
PALMER, LEONARD L., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
PETERMANN, LOUISE, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
PETERSON, ANDREW C., Consolidation Coal Company Fellow in Chemical Engineering, nine months from September 16, 1960, $1800 (4-26-60).
POLLYEA, MRS. BERNICE, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).
RAFF, LIONEL, Minnesota Mining and Manufacturing Company Fellow in Chemistry, September 16, 1960-February 1, 1961, $1000, supersedes (5-3-60).

RECTOR, ROBERT E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4800 (5-1-60).

REIMAN, DONALD H., Summer Postdoctoral Fellow in English, two months from June 16, 1960, $600 (5-13-60).

RHOADES, YORKE E., Jr., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).

RICHARDS, L. K., United States Public Health Service Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-28-60).

ROBERTS, DON D., Summer Fellow in Philosophy, two months from June 16, 1960, $350 (4-25-60).

ROTHBLAT, NORMAN, United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).

RUSHMER, IRENE L., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).

SAFFORD, EDWARD L., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (5-23-60).

SALANS, LESTER B., Lederle Medical Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-28-60).

SANER, REGINALD A., Summer Fellow in English, two months from June 16, 1960, $350 (4-25-60).

SCAPINO, ROBERT, United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).

SCHMALE, JOHN D., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).

SEITZ, CLARE A., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

SHARMA, D. L., Summer Fellow in Mathematics, two months from June 16, 1960, $350 (4-25-60).

SHERMOEN, RICHARD E., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4350 (5-1-60).

SIMS, LESLIE B., Sun Oil Company Fellow in Chemistry, nine months from September 16, 1960, $1800, supersedes (5-23-60).

SIMS, MELVIN R., Summer Fellow in Business (Marketing), two months from June 16, 1960, $350 (4-25-60).

SISTER JOHN OF GOD MCGRATH, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

SISTER MARY CYRIL CARMODY, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

SISTER MARY GIOVANNI MEYER, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

SOKOLOW, ALVIN B., Summer Fellow in Political Science, two months from June 16, 1960, $350 (4-25-60).

SOYKA, LESTER F., Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-20-60).

SPENNEY, JERRY G., National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).

STIVER, HARRY E., Jr., Summer Fellow in Speech, two months from June 16, 1960, $350 (4-25-60).

SUSSAN, MRS. ENDLA, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3450 (5-1-60).

SWANSON, CONSTANCE M., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

SWARTZ, EDWARD, United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).

TANG, CHOR-WENG, Summer Fellow in Mechanical Engineering, two months from June 16, 1960, $350 (4-25-60).

TEEPEN, BERNARD F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3900 (5-1-60).
THEILMAN, Ward, Summer Fellow in Finance, two months from June 16, 1960, $350 (4-25-60).

THOMPSON, Dennis P., Smith, Kline, and French Foundation Summer Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (4-29-60).

THOMS, Robert L., Engineering Faculty Development Teaching Fellow in Theoretical and Applied Mechanics, one year from September 1, 1960, $1700 (5-11-60).

TIPTON, Charles M., National Science Foundation Summer Fellow in Physiology, June 16-August 11, 1960, $600 (4-14-60).


TRIPLEHORN, Don M., Summer Fellow in Geology, two months from June 16, 1960, $350 (4-25-60).

TUROW, E. Alan, National Science Foundation Fellow in the Chicago Professional Colleges (Special), July 1-September 15, 1960, $500 (5-2-60).

VAN DYKE, John W., Jr., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1960, $1650 (4-15-60).

VISCO, Robert E., Summer Fellow in Chemistry, two months from June 16, 1960, $350 (4-25-60).

WAKSTEIN, Allen M., Summer Fellow in History, two months from June 16, 1960, $350 (4-25-60).

WALDECK, Joseph G., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).

WALLACE, William H., Summer Fellow in Economics, two months from June 16, 1960, $350 (4-25-60).

WARDM, Earl R., Summer Fellow in Architecture, two months from June 16, 1960, $350 (4-25-60).

WEARY, Marlys, University Fellow in the Chicago Professional Colleges, nine months from September 1, 1960, $1500 (5-2-60).

WEAVER, Leland A., Fellow (Teaching Intern) in Electrical Engineering, nine months from September 16, 1960, $2600 (5-3-60).

WEBER, Joseph G., Summer Fellow in French, two months from June 16, 1960, $350 (4-25-60).

WELSH, Arthur L., Summer Fellow in Economics, two months from June 16, 1960, $350 (4-25-60).

WENZEL, Joseph W., Summer Fellow in Speech, two months from June 16, 1960, $350 (4-25-60).

WERTZ, Ann R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

WESTPHAL, Walter R., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

WHEITZ, Duane H., Summer Fellow in Philosophy, two months from June 16, 1960, $350 (4-25-60).

WYER, Mark F., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

WILMS, Lawrence M., Summer Fellow in Art, two months from June 16, 1960, $350 (4-25-60).

WOLSZTYNIAK, Harold R., United States Public Health Service Dental Student Research Fellow in the Chicago Professional Colleges, July 1-September 15, 1960, $600 (5-2-60).

WOOSTER, Kenneth, Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

WOSNIK, Robert S., Summer Fellow in Theoretical and Applied Mechanics, two months from June 16, 1960, $350 (4-25-60).

YNETTA, Mary K., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $3000 (5-1-60).

ZACH, Joseph F., Summer Fellow in History, two months from June 16, 1960, $350 (4-2-60).

ZIMMERMAN, Lester J., Mathematics Institute Fellow in Mathematics, nine months from September 16, 1960, $4800 (5-1-60).
RESIGNATIONS AND DECLINATIONS

ALBERT, WARREN, Binding Librarian, with rank of Instructor — resignation effective July 1, 1960.

Bair, Willard E., Assistant Professor of Mechanical Engineering, Summer Session of 1960 — resignation effective June 20, 1960.

Berg, Edwin W., Instructor in Economics (Chicago Undergraduate Division) — resignation effective September 1, 1960.

Boersma, Larry, Assistant Professor of Agricultural Engineering — resignation effective June 1, 1960.

Bowman, Cletus E., Professor of Theoretical and Applied Mechanics, Summer Session of 1960 — resignation effective June 20, 1960.

Carleton, Pauline A., Assistant Law Librarian, with rank of Assistant Professor — resignation effective September 1, 1960.

Chin, Bessie, Catalog Assistant in the Library — resignation effective May 17, 1960.

Cizevski, Tatjana, Assistant Professor of Russian — resignation effective September 1, 1960.

Dell, George H., Professor of Civil Engineering, Summer Session of 1960 — resignation effective June 20, 1960.

Dougherty, Mrs. Edith C., Research Assistant in Preventive Medicine (Medicine) — resignation effective June 4, 1960.

Drysch, Allen I., Instructor in Dentistry — resignation effective June 1, 1960.

Ewitts, Mary S., Associate Professor of Nursing — resignation effective September 1, 1960.

Feinstein, Irwin K., Associate Professor of Mathematics (Chicago Undergraduate Division), Summer Session of 1960 — resignation effective June 20, 1960.

Frederici, Hartmann, Instructor in Pathology (Medicine), and Assistant Pathologist (Research and Educational Hospitals) — resignation effective June 1, 1960.


Green, Patricia, Instructor in Occupational Therapy (Medicine) — resignation effective July 1, 1960.


Gyermek, Laszlo, Assistant Professor of Pharmacology (Medicine) — resignation effective August 31, 1960.

Hankins, Donald D., Mathematics Institute Fellow in Mathematics — resignation effective June 16, 1960.

Hubbard, O'Dean, Research Assistant in Food Technology — resignation effective July 1, 1960.

Levy, Lawrence S., National Science Foundation Cooperative Fellow in Mathematics — resignation effective June 16, 1960.

Miller, Mrs. Mary A., Research Assistant in Chemistry — resignation effective June 11, 1960.


Peyton, Ann, Assistant in English (Chicago Undergraduate Division) — resignation effective June 16, 1960.

Quinn, J. Kerker, Associate Professor of English, Summer Session of 1960 — resignation effective June 20, 1960.

Rodriguez, Sergio, Research Assistant Professor of Physics — resignation effective August 1, 1960.

Schultz, Theodore D., Research Assistant Professor of Physics — resignation effective July 1, 1960.

Simmelink, Ruth N., Bibliographer in the Library, with rank of Instructor — resignation effective June 16, 1960.
SINGH, SHRI KRISHNA, Visiting Assistant Professor of Mathematics — declination effective September 1, 1960.

TENNERY, VICTOR J., Research Assistant Professor of Ceramic Engineering — resignation effective July 1, 1960.

VON TURKOVICH, B. F., Lecturer in Mechanical Engineering, Summer Session of 1960 — declination effective June 20, 1960.

WANG, CHU-KIA, Professor of Architectural Engineering — resignation effective September 1, 1960.

ZIMMERMAN, PHILIP D., Research Assistant in Ceramic Engineering — resignation effective July 1, 1960.

LEAVES OF ABSENCE

CHANDLER, MARGARET K., Associate Professor of Sociology, in the College of Liberal Arts and Sciences and in the Institute of Labor and Industrial Relations — leave of absence, without pay, during the academic year 1960-61, so that she may spend the year in research and study on a Ford Foundation Faculty Fellowship under its “Fellowship Program in Economic Development and Administration.”

CROXRACH, LEE J., Professor of Education, in the Bureau of Educational Research, and of Psychology, in the College of Liberal Arts and Sciences — leave of absence, without pay, from July 7 through August 31, 1960, so that he may teach at the University of Hawaii.

ELBINGER, REBECCA L., Assistant Professor of Chemistry, in the Chicago Undergraduate Division — leave of absence, without pay, for one year from September 1, 1960.

JARNAGIN, ROBERT A., Assistant Extension Editor and Assistant Professor of Agricultural Extension, in the Extension Service in Agriculture and Home Economics — extension of leave of absence, without pay, for one year from September 1, 1960, so that he may complete the required course work at Michigan State University for a Ph.D. degree in communications.

KESSEL, ROBERT G., Lecturer in Postgraduate Studies in Dentistry, and Professor and Head of the Department of Applied Materia Medica and Therapeutics, in the College of Dentistry — extension of leave of absence, without pay, for three months from June 1, 1960.

KOPPLIN, JULIUS O., Assistant Professor of Electrical Engineering, in the College of Engineering — leave of absence, without pay, from March 1 through August 31, 1961, so that he may spend this period in special studies at the Massachusetts Institute of Technology under a grant from the Ford Foundation.

LEWIS, L. DEAN, Associate Professor of Hygiene and Staff Physician in the Health Center — leave of absence on one-half time for two years from September 1, 1960.

PHILLIPS, BURRELL, Professor of Music — leave of absence, without pay, from September 1, 1961, through February 28, 1962.

WOLD, FINN, Assistant Professor of Biological Chemistry, in the College of Liberal Arts and Sciences — leave of absence, without pay, for one year from September 1, 1960, so that he may accept a Guggenheim Fellowship for the purpose of study abroad.

CHANGES IN SABBATICAL LEAVES OF ABSENCE

LAUGHANAN, JOHN R., Professor of Plant Genetics (Agronomy), in the College of Agriculture, and of Botany, in the College of Liberal Arts and Sciences — leave of absence changed to September 1, 1960, through February 28, 1961, on full pay, and without pay from March 1 through August 31, 1961.

ROEPKE, HOWARD G., Associate Professor of Geography — sabbatical leave of absence with full pay changed from the first semester of 1960-61 to the second semester of 1960-61.

WILL, FREDERICK L., Professor of Philosophy, leave of absence for the academic year 1960-61 on one-half pay instead of second semester on full pay.

GREENBERG, BERNARD, Assistant Professor of Zoology, in the College of Pharmacy, leave of absence changed to the first semester (September 1, 1960, to February 28, 1961), on full pay, and without pay from March 1 to September 1, 1961.
PETASON, Jack W., Professor of Political Science, sabbatical leave for the academic year beginning September 1, 1960, on one-half pay, cancelled on his request in view of his appointment as Dean of the College of Liberal Arts and Sciences.

OERKER, Norman F., Associate Professor of Horticulture, sabbatical leave of absence for the first semester (six months from September 1, 1960), on full pay, cancelled by his resignation from the faculty.

HEARING OF CASE OF LEO F. KOCH

When the Board reconvened at 10:30 a.m., it met in the Faculty Lounge of the Illini Union Building for the hearing of the case of Dr. Leo F. Koch, Assistant Professor of Biological Science. President Kenney E. Williamson opened the hearing with the following statement:

In a letter to Dean Lanier of the College of Liberal Arts and Sciences of the University bearing date of April 7, 1960, of which a copy was served upon Assistant Professor Leo F. Koch that day, the President of the University, pursuant to the provisions of paragraph (e) of Section 38 of the University Statutes, preferred charges against Assistant Professor Koch and has since recommended that Assistant Professor Koch's present appointment at, and contract of employment with, the University be terminated on August 31, 1960, upon the basis of those charges. Also pursuant to the same paragraph of the University Statutes, Assistant Professor Koch has requested a hearing by and before the Board of Trustees of the University upon the charges preferred against him by President Henry. This hearing is being held pursuant to that request, and the Board of Trustees is meeting here at this time for the purpose of holding the hearing and of deciding what action it will take upon the recommendation presented to it by President Henry who requested that this Board's action upon that recommendation be deferred until the conclusion of this hearing.

It is now in order for the Legal Counsel of the University, who represents the University administration at this hearing, to proceed to present evidence in support of the charges made against Assistant Professor Koch.

Mr. Ralph F. Lesemann, Legal Counsel, began the proceedings by introducing Assistant Professor Leo F. Koch and the latter's counsel, Mr. Donald Page Moore and Mr. David J. Danelski; and Mr. Lesemann's associates, Mr. Earl L. Palmberg and Mr. John J. Templin, Assistants to the Legal Counsel.

He then presented a stipulation entered into by Assistant Professor Koch and the University through their respective counsel.

The further proceedings in the hearing are not fully recorded in these minutes, but a complete transcript of them, as taken and made by reporter Mrs. Barbara Johnson of the Marjorie D. Earlep Court Reporting Service, 501 West Church Street, Champaign, Illinois, has been filed with the Secretary of the Board for record.

The hearing recessed at 12:15 p.m. and was resumed at 1:30 p.m.

Immediately preceding the afternoon session of the hearing the Board took up consideration of two items of business on the regular agenda of the Board for today's meeting relating to the issue of "The Board of Trustees of the University of Illinois Housing Revenue Bonds of 1960, Series A." These matters are recorded elsewhere in the minutes of today's meeting.

At the hour of 3:30 p.m., all evidence and arguments presented at the hearing having been received, the Board retired from the hearing room to meet in executive session in an adjoining room. When the Board returned from its deliberations, President Williamson announced: "The meeting will come to order, and we will entertain a motion by Mr. Johnston."

Mr. Johnston then made the following motion:
"I move that the motions filed and objections not heretofore ruled upon presented to this Board by Assistant Professor Koch, through his counsel, be denied and overruled.

"I move that the findings and conclusions submitted to the Board of Trustees by the Legal Counsel of the University at the conclusion of the evidence received and arguments presented at the hearing granted Assistant Professor Leo F. Koch, at his request, and held before this Board of Trustees on June 14, 1960, be adopted by this Board of Trustees and stand as the findings and conclusions of this Board of Trustees in the proceeding resulting from the preferment of charges against Assistant Professor Leo F. Koch by the President of the University and the recommendation of the President of the University that Assistant Professor Leo F. Koch’s present appointment at, and contract with, the University of Illinois be terminated on August 31, 1960, and further move that said recommendation of the President of the University be approved and that Assistant Professor Koch’s present appointment at, and contract with, the University of Illinois be terminated on that date."

This motion was adopted by the following vote: Aye, Mr. Clement, Mr. Harewood, Mr. Herrick, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; Mr. Wilkins, who participated in the hearing and in the deliberations and who signed the findings and conclusions of the Board in this case was absent when the record vote was taken; no, none; Governor Stratton was not present at the meeting, and therefore did not participate in the hearing.

At the request of President Williamson, the Secretary of the Board then read the conclusions of the Board in this case which are included in the reporter’s transcript of the proceedings.

Motion for Rehearing

Following this reading, counsel for Dr. Koch orally moved for a rehearing of the case and also requested that the Board order its Secretary or other appropriate officer to prepare a duly certified copy of the record consisting of the pleadings and the evidence as well as a transcript of all or a portion of the argument, including specifically the argument of Legal Counsel for the University in chief and in rebuttal, and that of counsel for Dr. Koch in surrebuttal.

Mr. Swain moved that the motion for a rehearing be overruled; and the motion to overrule was unanimously adopted by a voice vote.

President Williamson stated that the request of counsel for Dr. Koch for a transcript of the proceedings of the hearing would be granted and that this would include: the arguments of Legal Counsel for the University; those of counsel for Dr. Koch; the findings and conclusions; the vote of the Board on the motion to deny and overrule the motions filed and objections presented by Assistant Professor Koch through his counsel; the motion to approve and adopt the findings and conclusions; the recommendation of the President of the University that Dr. Koch’s appointment be terminated on August 31, 1960; and the vote of the Board on the motion for rehearing.

On motion of Mr. Swain, the Board then adjourned.

A. J. JANATA
Secretary

KENNEY E. WILLIAMSON
President
APPENDIX

UNIVERSITY OF ILLINOIS INTERNAL BUDGET FOR 1960-61
(Approved by the Board of Trustees June 14, 1960, page 1312)

EXPLANATORY NOTES

This budget consists of three volumes:

I. Summaries of all divisions; Urbana-Champaign divisions and general University administration — academic and administrative salaries, wages, expense, and equipment.

II. Chicago Professional Colleges (including Division of Services for Crippled Children) and Chicago Undergraduate Division — academic and administrative salaries, wages, expense, and equipment.

III. Nonacademic salaries, all divisions.

Appropriations for salaries are available for the term indicated in each case but not for more than one year from September 1, 1960.

When appointments are made at salary rates less than the amounts provided in the budget, the unused balance is lapsed at that time, resulting in a reduction in the budget.

Funds appropriated for positions in the salary budget which are not yet filled may be used to hire employees temporarily engaged to do the work contemplated by the position upon proper authorization of the Bursar, Chicago Business Office, or Office of Nonacademic Personnel, so long as such temporary charges do not exceed the amount of time provided by the position.

All unexpended balances remaining in the salary budget lapse at the close of each calendar month unless previously assigned or encumbered. Such lapses do not result in a reduction in the budget.

Departmental appropriations are made under the captions "Salaries" and "Wages, Expense, and Equipment." Transfers may be made between "Salaries" and "Wages, Expense, and Equipment" upon approval of the Vice-President and Provost, except that transfers between salaries and wages may be made by the Vice-President and Comptroller to the extent of the full-time equivalence of the salary positions. All requests for transfers should be submitted through the Vice-President and Comptroller, with the reason for the transfer. Nonrecurring unassigned items may be assigned to departments for equipment or minor remodeling projects, merely upon notice to the Accounting Division, except that any assignment of more than $1,000 must first be approved by the Vice-President and Provost.

Appropriations for expense, equipment, and wages are available for one year beginning July 1, 1960. All balances and overdrafts in regular appropriations will be carried forward to 1961-62 unless otherwise notified by the Business Office.

All budgets of auxiliary enterprises, cooperative investigations, other trust funds and restricted budgets are on an estimated basis. Appropriations are limited to actual income, but any balances or receipts in excess of the estimate are appropriated for the operation of the activity. Salary appointments may be cancelled if the funds for cooperative investigations are withdrawn.

Explanatory Notes on the Salary Budget

1. The services required for members of the academic and administrative staff are in accordance with Section 37 of the University of Illinois Statutes and Section 26 of the General Rules Concerning University Organization and Procedure.

   a. For positions or portion of positions indicated as "Y," services are required for twelve months, with one month for vacation. No additional compensation is allowed for summer services for any salary or portion of salary indicated as "Y."

   b. For positions or portion of positions in the academic budget not indicated as "Y," services are required only during the academic year of two semesters (three terms in the Chicago Professional Colleges). Summer session teaching, if required, will be covered by an additional appointment with salary.

2. Services of the nonacademic staff are in accordance with Civil Service regulations. All positions are for twelve months' service, less vacation, unless otherwise indicated.
**Tenure Symbols** (a number following indicates percentage of time)

A — Indefinite tenure, payable in twelve monthly installments.
B — Two years from September, 1959, payable in twelve installments annually (with any changes effective September, 1960).
D — One year, payable in twelve installments from September 1, 1959.
E — The academic year 1960-61, payable during nine months from September 16.
F — One year from effective date indicated (other than September 1).
G — For the period indicated (less than one year and not on "Y" status).
Y — Indicates that services are required throughout the year, except for allowable vacation, without additional compensation.

N — In accordance with Civil Service regulations, effective July 1, 1960, with payments on a monthly basis.
NS — Same as N, except work week is five and one-half days.
H — Same as N, but with payments on an hourly basis. Amount indicated is estimated annual salary based on normal number of hours.
P — Same as H, but at prevailing rates.
Z — Indicates person's name appears in two or more budgets.
R — On retirement annuity from University Retirement System.
RA — Receiving retiring allowance from the University (old system).

In the College of Agriculture, additional symbols are used to designate fund, as explained in the Agriculture Summary. In Engineering, "C" and "S" indicate College and Station.

**Perquisite Designation**
Perquisites University — Perquisites for the convenience of the University.
Perquisites Employee — Perquisites for the convenience of the employee.

Meals may be abbreviated "M," or "MM" for two meals. "R" indicates room!

Dollar amounts do not include any perquisites for the convenience of the University.

---

**COMPARATIVE SUMMARY OF INCOME AND APPROPRIATIONS**

**Estimated Income**

<table>
<thead>
<tr>
<th></th>
<th>1959-60</th>
<th>1960-61</th>
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<tbody>
<tr>
<td>General</td>
<td>$60,455,000</td>
<td>$64,455,000</td>
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<tr>
<td>Restricted</td>
<td>28,330,649</td>
<td>29,503,565</td>
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<tr>
<td><strong>Total, Estimated Income</strong></td>
<td>$88,785,649</td>
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**Appropriations by Board of Trustees**

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<thead>
<tr>
<th></th>
<th>1959-60</th>
<th>1960-61</th>
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<tr>
<td>From General Income</td>
<td>$60,299,909</td>
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<td><strong>Total, Appropriations</strong></td>
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**Unappropriated Balance from General Income**

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<tr>
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<th>1960-61</th>
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<td>Income by Source</td>
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<tr>
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**Appropriations by Function**

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<td><strong>Total, Educational and General</strong></td>
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<table>
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<th>Area</th>
<th>Revised Budget</th>
<th>Increase</th>
<th>Proposed Budget</th>
<th>Per Cent</th>
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<td>Urbana-Champaign (includes state-wide services)</td>
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**SUMMARY OF CHANGES IN APPROPRIATIONS FROM GENERAL FUNDS**

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<th>Per Cent</th>
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<td>243,876</td>
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<td>4,720</td>
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### Summary of Salary Positions, with Changes from 1959-60

**General Funds Only**

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<td>Administration and General</td>
<td>23.33</td>
<td>2.02</td>
<td>47.66</td>
<td>1.00</td>
</tr>
<tr>
<td><strong>Total, Chicago Undergraduate Division</strong></td>
<td>(308.57)</td>
<td>(4.94)</td>
<td>(103.42)</td>
<td>(1.00)</td>
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<tr>
<td><strong>Total, Entire University</strong></td>
<td>3,531.01</td>
<td>121.36</td>
<td>2,545.98</td>
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### Estimated Income

<table>
<thead>
<tr>
<th>Division</th>
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<th>Restricted Income</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education and General</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>State</td>
<td>$55,905,000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Current Operations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>For Institution for Tuberculosis Research</td>
<td>$71,150</td>
<td></td>
<td>71,150</td>
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</table>


### Financial Highlights

#### Revenue by Source

<table>
<thead>
<tr>
<th>Source</th>
<th>General Income</th>
<th>Restricted Income</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>For Horseradish Research</td>
<td></td>
<td>5 000</td>
<td>5 000</td>
</tr>
<tr>
<td>Smith-Hughes Act</td>
<td>75 000</td>
<td></td>
<td>75 000</td>
</tr>
<tr>
<td><strong>Total, State</strong></td>
<td><strong>55 980 000</strong></td>
<td><strong>(76 150)</strong></td>
<td><strong>56 036 150</strong></td>
</tr>
<tr>
<td>Federal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Morrill-Nelson Acts</td>
<td>50 000</td>
<td></td>
<td>50 000</td>
</tr>
<tr>
<td>Bankhead-Jones Act (Teaching)</td>
<td>106 905</td>
<td></td>
<td>106 905</td>
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<tr>
<td>Hatch Acts</td>
<td></td>
<td>690 170</td>
<td>690 170</td>
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<tr>
<td>Regional Research Act</td>
<td>158 175</td>
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<td>158 175</td>
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<tr>
<td>Agricultural Marketing Act Title II</td>
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<td>6 150</td>
<td>6 150</td>
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<tr>
<td>Research and Marketing Extension Act</td>
<td>28 900</td>
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<td>28 900</td>
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<tr>
<td>Smith-Lever Act</td>
<td></td>
<td>1 581 983</td>
<td>1 581 983</td>
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<tr>
<td>Social Security Act — Services for</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Crippled Children</td>
<td></td>
<td>558 500</td>
<td>558 500</td>
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<tr>
<td><strong>Total, Federal</strong></td>
<td><strong>156 995</strong></td>
<td><strong>(3 023 878)</strong></td>
<td><strong>3 180 783</strong></td>
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#### Fees

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
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<tr>
<td>Student Fees</td>
<td>4 428 000</td>
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<tr>
<td>Less Fees for Housing</td>
<td>-428 000</td>
</tr>
<tr>
<td>Net Student Fees</td>
<td>4 000 000</td>
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<tr>
<td>Extension Fees</td>
<td>230 000</td>
</tr>
<tr>
<td><strong>Total, Fees</strong></td>
<td><strong>4 230 000</strong></td>
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#### Sales and Service of Educational Departments and Miscellaneous Current Income

<table>
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<tr>
<th>Department</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Research and Educational Hospitals</td>
<td>900 000</td>
</tr>
<tr>
<td>Dentistry</td>
<td>125 000</td>
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<tr>
<td>Aviation</td>
<td>319 770</td>
</tr>
<tr>
<td>Agriculture</td>
<td>122 500</td>
</tr>
<tr>
<td>Education</td>
<td>74 020</td>
</tr>
<tr>
<td>Investment Income</td>
<td>100 000</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>68 140</td>
</tr>
<tr>
<td>University Press</td>
<td>110 440</td>
</tr>
<tr>
<td>University Extension</td>
<td>553 780</td>
</tr>
<tr>
<td>All Other</td>
<td>215 595</td>
</tr>
<tr>
<td><strong>Total Sales, Services, and</strong></td>
<td><strong>1 463 095</strong></td>
</tr>
<tr>
<td><strong>Miscellaneous Current Income</strong></td>
<td><strong>(2 144 896)</strong></td>
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</table>

Income Reserved from 1959-60: 1 900 000

#### Trust Income for Educational Purposes

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
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<tbody>
<tr>
<td>Endowment Income</td>
<td>105 600</td>
</tr>
<tr>
<td>Gifts from Private Sources, Urbana</td>
<td>2 487 300</td>
</tr>
<tr>
<td>Gifts from Private Sources, Chicago</td>
<td>641 000</td>
</tr>
<tr>
<td>U.S. Contracts</td>
<td>8 440 000</td>
</tr>
<tr>
<td>Indirect Costs, Urbana</td>
<td>803 170</td>
</tr>
<tr>
<td>Indirect Costs, Chicago</td>
<td>107 725</td>
</tr>
<tr>
<td><strong>Total, Trust Income for Educational Purposes</strong></td>
<td><strong>(4 000 000)</strong></td>
</tr>
<tr>
<td><strong>Total, Educational and General</strong></td>
<td><strong>(64 130 000)</strong></td>
</tr>
</tbody>
</table>

#### Auxiliary Enterprises and Activities

Income from Operations: 10 539 346

#### Student Aid

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endowment</td>
<td>117 500</td>
</tr>
<tr>
<td>Gifts</td>
<td>512 000</td>
</tr>
<tr>
<td>U.S. Contracts</td>
<td>425 000</td>
</tr>
<tr>
<td>Indirect Costs</td>
<td>80 000</td>
</tr>
<tr>
<td><strong>Total, Student Aid</strong></td>
<td><strong>(1 134 500)</strong></td>
</tr>
</tbody>
</table>

Refunds and Reappropriations: 325 000

**Grand Total, Estimated Income**: $64 455 000 $29 503 565 $93 958 565
## APPROPRIATIONS

### General

<table>
<thead>
<tr>
<th>Administration and General</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbana-Champaign</td>
<td>$2,659,972</td>
<td>$3,106,977</td>
<td>$5,766,949</td>
</tr>
<tr>
<td>Chicago Undergraduate Division</td>
<td>483,685</td>
<td>126,900</td>
<td>610,585</td>
</tr>
<tr>
<td>Chicago Professional Colleges</td>
<td>697,887</td>
<td>128,800</td>
<td>826,687</td>
</tr>
<tr>
<td><strong>Total, Administration and General</strong></td>
<td>(3,841,444)</td>
<td>(3,362,677)</td>
<td>(7,204,221)</td>
</tr>
</tbody>
</table>

### Instruction

| Urbana-Champaign           | 18,806,474 | 1,906,174 | 20,712,648 |
| Chicago Undergraduate Division | 2,273,411 | 144,710 | 2,418,121 |
| Chicago Professional Colleges | 4,807,703 | 604,135 | 5,411,838 |
| **Total, Instruction** | (25,887,588) | (2,655,019) | (28,542,607) |

### Organized Activities Relating to Instruction

| Urbana-Champaign           | 171,410 | 13,300 | 184,710 |
| Chicago Professional Colleges | 3,222,866 | 2,893,530 | 6,116,396 |
| **Total, Organized Activities Relating to Instruction** | (3,394,276) | (2,906,830) | (6,301,106) |

### Organized Research

| Urbana-Champaign           | 1,196,370 | 648,055 | 1,844,425 |
| Chicago Professional Colleges | 133,500 | 42,700 | 176,200 |
| **Total, Organized Research** | (4,266,536) | (996,195) | (5,262,731) |

### Extension and Public Services

| Urbana-Champaign           | 2,827,710 | 481,825 | 3,309,535 |
| Chicago Professional Colleges | 370,540 | 1,322,520 | 1,693,060 |
| **Total, Extension and Public Services** | (3,198,250) | (1,804,345) | (5,002,595) |

### Libraries

| Urbana-Champaign           | 1,196,370 | 648,055 | 1,844,425 |
| Chicago Undergraduate Division | 133,500 | 42,700 | 176,200 |
| Chicago Professional Colleges | 82,480 | 55,600 | 138,080 |
| **Total, Libraries** | (1,412,370) | (746,355) | (2,158,725) |

### Physical Plant

| Urbana-Champaign           | 374,430 | 4,956,687 | 5,331,137 |
| Chicago Undergraduate Division | 133,500 | 880,316 | 1,013,816 |
| Chicago Professional Colleges | 249,172 | 2,630,915 | 2,879,087 |
| **Total, Physical Plant** | (679,104) | (8,457,921) | (9,137,025) |

### Student Aid

| Urbana-Champaign           | 278,100 | 278,100 |
| Chicago Professional Colleges | 20,000 | 20,000 |
| **Total, Student Aid** | (298,100) | (298,100) |

### Unclassified

| Nonacademic Balances        | 57,000 | 57,000 |
| Refunds and Reappropriations | 325,000 | 325,000 |
| **Total, Unclassified** | (382,000) | (382,000) |

**Total, General**: $42,736,568 $21,562,439 $64,299,007

### Restricted

<table>
<thead>
<tr>
<th>Administration and General</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Urbana-Champaign</td>
<td>$193,975</td>
<td>$99,850</td>
<td>$293,825</td>
</tr>
<tr>
<td>Chicago Undergraduate Division</td>
<td>720</td>
<td>2,500</td>
<td>3,220</td>
</tr>
<tr>
<td>Chicago Professional Colleges</td>
<td>29,565</td>
<td>21,940</td>
<td>51,505</td>
</tr>
<tr>
<td><strong>Total, Administration and General</strong></td>
<td>(224,260)</td>
<td>(124,290)</td>
<td>(348,550)</td>
</tr>
</tbody>
</table>

### Instruction

| Urbana-Champaign           | 186,660 | 208,000 | 394,660 |
| Chicago Professional Colleges | 215,320 | 92,000 | 307,320 |
| **Total, Instruction** | (401,980) | (300,000) | (701,980) |

### Organized Activities Relating to Instruction

<p>| Urbana-Champaign           | 78,027 | 382,313 | 460,340 |
| Chicago Professional Colleges | 105,366 | 167,805 | 273,171 |
| <strong>Total, Organized Activities Relating to Instruction</strong> | (183,393) | (550,118) | (733,511) |</p>
<table>
<thead>
<tr>
<th>Department</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Organized Research</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urbana-Champaign</td>
<td>5 404 695</td>
<td>3 870 590</td>
<td>9 275 285</td>
</tr>
<tr>
<td>Chicago Professional Colleges</td>
<td>1 186 475</td>
<td>857 675</td>
<td>2 044 150</td>
</tr>
<tr>
<td><strong>Total, Organized Research</strong></td>
<td>(6 591 170)</td>
<td>(4 728 265)</td>
<td>(11 319 435)</td>
</tr>
<tr>
<td><strong>Extension and Public Services</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urbana-Champaign</td>
<td>1 633 335</td>
<td>2 447 098</td>
<td>4 080 433</td>
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<tr>
<td>Chicago Professional Colleges</td>
<td>311 095</td>
<td>305 005</td>
<td>616 100</td>
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<tr>
<td><strong>Total, Extension and Public Services</strong></td>
<td>(1 944 430)</td>
<td>(2 752 103)</td>
<td>(4 696 533)</td>
</tr>
<tr>
<td><strong>Libraries</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Urbana-Champaign</td>
<td>3 060</td>
<td>5 500</td>
<td>8 560</td>
</tr>
<tr>
<td><strong>Total, Physical Plant</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>Auxiliary Enterprises</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Urbana-Champaign</td>
<td>736 639</td>
<td>7 990 671</td>
<td>8 727 310</td>
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<tr>
<td>Chicago Undergraduate Division</td>
<td>91 544</td>
<td>533 786</td>
<td>625 330</td>
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<td>Chicago Professional Colleges</td>
<td>61 942</td>
<td>805 764</td>
<td>927 706</td>
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<td><strong>Total, Auxiliary Enterprises</strong></td>
<td>(890 125)</td>
<td>(9 390 221)</td>
<td>(10 280 346)</td>
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<tr>
<td><strong>Student Aid</strong></td>
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<td></td>
</tr>
<tr>
<td>Urbana-Champaign</td>
<td>1 070 000</td>
<td>1 070 000</td>
<td>1 070 000</td>
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<tr>
<td>Chicago Professional Colleges</td>
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<td>64 500</td>
<td>64 500</td>
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<tr>
<td><strong>Total, Student Aid</strong></td>
<td>(1 134 500)</td>
<td>(1 134 500)</td>
<td>(1 134 500)</td>
</tr>
<tr>
<td><strong>Unclassified</strong></td>
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<td></td>
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<tr>
<td>Urbana-Champaign</td>
<td>12 500</td>
<td>12 500</td>
<td>12 500</td>
</tr>
<tr>
<td><strong>Total, Restricted</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>GRAND TOTAL</strong></td>
<td>$5 238 418</td>
<td>$19 265 457</td>
<td>$29 503 565</td>
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</tbody>
</table>

**URBANA-CHAMPAIGN**

**APPROPRIATIONS**

**General**

<table>
<thead>
<tr>
<th>Department</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration and General</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>General Administrative Offices</td>
<td>$1 422 822</td>
<td>$326 240</td>
<td>$1 749 062</td>
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<tr>
<td>General Student Service</td>
<td>911 545</td>
<td>201 410</td>
<td>1 112 955</td>
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<tr>
<td>General University Service</td>
<td>304 475</td>
<td>389 260</td>
<td>693 735</td>
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<tr>
<td>Security Benefits</td>
<td>21 130</td>
<td>2 190 067</td>
<td>2 211 197</td>
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<td><strong>Total, Administration and General</strong></td>
<td>(2 659 972)</td>
<td>(3 106 977)</td>
<td>(5 766 949)</td>
</tr>
<tr>
<td><strong>Instruction</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Instruction Television</td>
<td>20 400</td>
<td></td>
<td>20 400</td>
</tr>
<tr>
<td>Agriculture</td>
<td>1 278 630</td>
<td>246 815</td>
<td>1 525 445</td>
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<td>70 440</td>
<td>1 388 175</td>
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<td>122 580</td>
<td>1 070 275</td>
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<tr>
<td>Engineering</td>
<td>3 501 082</td>
<td>310 680</td>
<td>3 811 762</td>
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<tr>
<td>Fine and Applied Arts</td>
<td>1 700 870</td>
<td>143 300</td>
<td>1 844 170</td>
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<td>Graduate College</td>
<td>154 495</td>
<td>17 550</td>
<td>172 045</td>
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<td>18 350</td>
<td>248 830</td>
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<td>Law</td>
<td>294 160</td>
<td>24 000</td>
<td>318 160</td>
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<td>Liberal Arts and Sciences</td>
<td>6 794 152</td>
<td>684 289</td>
<td>7 478 441</td>
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<tr>
<td>Physical Education</td>
<td>677 400</td>
<td>87 050</td>
<td>764 450</td>
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<td>26 160</td>
<td>7 200</td>
<td>33 360</td>
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<td>Veterinary Medicine</td>
<td>449 105</td>
<td>46 720</td>
<td>495 825</td>
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<td>Armed Forces</td>
<td>24 270</td>
<td>9 650</td>
<td>33 920</td>
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<tr>
<td>Aviation</td>
<td>328 560</td>
<td>78 400</td>
<td>406 960</td>
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<tr>
<td>Social Work</td>
<td>130 980</td>
<td>19 200</td>
<td>150 180</td>
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<td>Special Services for War Veterans</td>
<td>14 090</td>
<td>300</td>
<td>14 390</td>
</tr>
<tr>
<td>Summer Session</td>
<td>811 460</td>
<td>12 750</td>
<td>824 210</td>
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<tr>
<td>Library and Library School</td>
<td>114 750</td>
<td>6 900</td>
<td>121 650</td>
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<tr>
<td><strong>Total, Instruction</strong></td>
<td>(18 806 474)</td>
<td>(20 712 648)</td>
<td>(39 519 122)</td>
</tr>
</tbody>
</table>
### General (Concluded)

<table>
<thead>
<tr>
<th>Organized Activities Relating to Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education</td>
<td>171,410</td>
<td>13,300</td>
<td>184,710</td>
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<tr>
<td><strong>Organized Research</strong></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td>2,270,540</td>
<td>489,635</td>
<td>2,760,175</td>
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<tr>
<td>Commerce and Business Administration</td>
<td>76,445</td>
<td>19,500</td>
<td>95,945</td>
</tr>
<tr>
<td>Education</td>
<td>193,785</td>
<td>15,710</td>
<td>209,495</td>
</tr>
<tr>
<td>Engineering</td>
<td>821,866</td>
<td>145,570</td>
<td>967,436</td>
</tr>
<tr>
<td>Fine and Applied Arts</td>
<td>69,430</td>
<td>7,900</td>
<td>77,330</td>
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<tr>
<td>Graduate College</td>
<td>368,262</td>
<td>243,530</td>
<td>611,792</td>
</tr>
<tr>
<td>Journalism and Communications</td>
<td>61,665</td>
<td>5,100</td>
<td>66,765</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>12,000</td>
<td></td>
<td>12,000</td>
</tr>
<tr>
<td>Government and Public Affairs</td>
<td>65,260</td>
<td>9,750</td>
<td>75,010</td>
</tr>
<tr>
<td>Labor and Industrial Relations</td>
<td>250,720</td>
<td>22,700</td>
<td>273,420</td>
</tr>
<tr>
<td><strong>Total, Organized Research</strong></td>
<td>4,189,973</td>
<td>(957,395)</td>
<td>(5,147,368)</td>
</tr>
</tbody>
</table>

| Extension and Public Services              |          |                               |       |
| Agriculture                                | 1,983,595| 38,540                        | 2,022,135 |
| Commerce and Business Administration       | 60,545   | 9,400                         | 69,945 |
| Education                                  | 64,030   | 4,200                         | 68,230 |
| Fine and Applied Arts                      | 65,870   | 5,775                         | 71,645 |
| Journalism and Communications              | 221,030  | 102,800                       | 323,830 |
| University Extension                       | 312,650  | 309,210                       | 621,860 |
| Summer Session                             | 19,090   | 5,550                         | 24,640 |
| University Press                           | 100,800  | 6,350                         | 107,150 |
| **Total, Extension and Public Services**   | 2,827,710| (481,825)                     | (3,309,555) |

| Libraries                                  |          |                               |       |
| Library and Library School                 | 1,963,370| 648,055                       | 1,611,425 |
| **Physical Plant**                         | 374,450  | 4,936,687                     | 5,311,137 |
| **Student Aid**                            |          |                               |       |
| Fine and Applied Arts                      |          | 11,000                        | 11,000 |
| Graduate College                           |          | 262,500                       | 262,500 |
| Law                                        |          | 4,600                         | 4,600 |
| **Total, Student Aid**                     |          | (278,100)                     | (278,100) |

| Unclassified                               |          |                               |       |
| Nonacademic Balances                       | 57,000   |                               | 57,000 |
| Refunds and Reappropriations               |          | 325,000                       | 325,000 |
| **Total, Unclassified**                    |          | (57,000)                      | (325,000) |

| **Total, General**                         |          | $30,283,359                    | $12,673,513 | $42,956,872 |

### Restricted

<table>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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| Total, General             |          | $30,283,359                    | $12,673,513 | $42,956,872 |

<p>| Total, General             |          | $30,283,359                    | $12,673,513 | $42,956,872 |</p>
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<td>31 000</td>
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<td>(7 990 671)</td>
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**ADMINISTRATION AND GENERAL**

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<th>Wages, Expense, and Equipment</th>
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<td>$ 59 970</td>
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<td>179 840</td>
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<td>115 840</td>
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<td>Instructional Research</td>
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### General (Concluded)

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<td>85,500</td>
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<td>Bursar</td>
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**Note:** The above table represents the financial breakdown for various departments and services as of June 14.
**Wages, Expense, and Equipment for Various University Departments**

### General Wages, Expense, and Equipment

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<td><strong>Unclassified</strong></td>
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### Restricted Wages, Expense, and Equipment

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<th>Salaries</th>
<th>Wages, Expense, and Total</th>
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<td>McKinley Hospital</td>
<td>181,768</td>
<td>40,500</td>
</tr>
<tr>
<td><strong>Total, Auxiliary Enterprises</strong></td>
<td>(199,806)</td>
<td>(549,800)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unclassified</th>
<th>Salaries</th>
<th>Wages, Expense, and Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chartered Traveling Revolving</td>
<td>11,000</td>
<td>11,000</td>
</tr>
<tr>
<td>Veterans Books and Supplies</td>
<td>1,500</td>
<td>1,500</td>
</tr>
<tr>
<td><strong>Total, Unclassified</strong></td>
<td>(12,500)</td>
<td>(12,500)</td>
</tr>
<tr>
<td><strong>Total, Restricted</strong></td>
<td>$393,781</td>
<td>$662,150</td>
</tr>
</tbody>
</table>

### Board of Trustees

<table>
<thead>
<tr>
<th>Account Number 00-10-01-000</th>
<th>Total Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. A. J. Janata, Secretary</td>
<td>ZDY50 $10,500</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(21,000)</td>
</tr>
<tr>
<td>2. H. E. Cunningham, Secretary, Emeritus</td>
<td>ZR</td>
</tr>
<tr>
<td><strong>Nonacademic Salaries</strong></td>
<td>17,670</td>
</tr>
<tr>
<td><strong>Total, Salaries</strong></td>
<td>(28,170)</td>
</tr>
<tr>
<td>Wages</td>
<td>36,000</td>
</tr>
<tr>
<td>Expense</td>
<td>37,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>5,000</td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>(31,800)</td>
</tr>
<tr>
<td><strong>Total, Board of Trustees</strong></td>
<td>$59,070</td>
</tr>
</tbody>
</table>

### President's Office

<table>
<thead>
<tr>
<th>Account Number 00-10-02-000</th>
<th>Total Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. David D. Henry, President</td>
<td>Y $36,000</td>
</tr>
<tr>
<td>(Perquisites University — house and car)</td>
<td></td>
</tr>
<tr>
<td>2. Lloyd Morey, President, Emeritus</td>
<td>ZR</td>
</tr>
<tr>
<td>3. Arthur Cutts Willard, President, Emeritus</td>
<td>R</td>
</tr>
<tr>
<td>4. A. J. Janata, Executive Assistant to the President</td>
<td>ZDY50 $10,500</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(21,000)</td>
</tr>
<tr>
<td>5. George H. Bargh, Administrative Assistant</td>
<td>ZDY</td>
</tr>
<tr>
<td>6. Joseph S. Begando, Assistant to the President</td>
<td>DY</td>
</tr>
<tr>
<td>7. Robert W. Evans, Administrative Assistant</td>
<td>FY</td>
</tr>
<tr>
<td>(Effective January 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>8. Eunice C. Parker, Research Associate</td>
<td>DY60</td>
</tr>
<tr>
<td>9. W. H. Rice, Administrative Assistant</td>
<td>DY (On leave without pay to January 1, 1961)</td>
</tr>
<tr>
<td><strong>Nonacademic Salaries</strong></td>
<td>62,340</td>
</tr>
<tr>
<td><strong>Total, Salaries</strong></td>
<td>(149,840)</td>
</tr>
<tr>
<td>Wages</td>
<td>5,000</td>
</tr>
<tr>
<td>Expense</td>
<td>23,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>2,000</td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>(30,000)</td>
</tr>
<tr>
<td><strong>Total, President's Office</strong></td>
<td>$179,840</td>
</tr>
</tbody>
</table>
**Indirect Costs — President's Office**

Account Number 40-10-02-000

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonacademic Salaries</td>
<td>$3,240</td>
</tr>
<tr>
<td>Equipment</td>
<td>850</td>
</tr>
</tbody>
</table>

*Total, Indirect Costs — President's Office*  
$4,090

**Vice-President and Provost's Office**

Account Number 00-10-40-000

1. Lyle H. Lanier, Vice-President and Provost  
   ZBY $25,500
2. Henning Larsen, Vice-President and Provost, Emeritus  
   ZR
3. Royden Dangerfield, Associate Provost and Dean of Administration  
   ZBY $21,000
4. Academic Salary Increases Unassigned  
   $40,000

Nonacademic Salaries  
$20,050

*Total, Salaries*  
$106,540

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages</td>
<td>500</td>
</tr>
<tr>
<td>Expense</td>
<td>8,050</td>
</tr>
<tr>
<td>Expense, Community Problems</td>
<td>6,300</td>
</tr>
<tr>
<td>Expense, Instructional Research</td>
<td>16,000</td>
</tr>
<tr>
<td>Convention Travel</td>
<td>500</td>
</tr>
<tr>
<td>Nonrecurring Unassigned</td>
<td>35,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>300</td>
</tr>
</tbody>
</table>

*Total, Wages, Expense, and Equipment*  
$31,600

*Total, Vice-President and Provost's Office*  
$138,140

**Vice-President and Comptroller's Office**

Account Number 00-10-06-000

1. Herbert O. Farber, Vice-President and Comptroller  
   DY $24,000
   *Includes service to the Retirement System*
2. Morris S. Kessler, Assistant Comptroller  
   DY $13,000

Nonacademic Salaries  
$30,360

*Total, Salaries*  
$67,360

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages</td>
<td>1,500</td>
</tr>
<tr>
<td>Expense</td>
<td>14,300</td>
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<tr>
<td>Convention Travel</td>
<td>300</td>
</tr>
<tr>
<td>Equipment</td>
<td>1,300</td>
</tr>
</tbody>
</table>

*Total, Wages, Expense, and Equipment*  
$17,400

*Total, Vice-President and Comptroller's Office*  
$84,750

**Auxiliary — Hospital Insurance Administration**

Account Number 18-10-06-701

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonacademic Salaries</td>
<td>$18,020</td>
</tr>
</tbody>
</table>

*Total, Salaries*  
$18,020

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages</td>
<td>300</td>
</tr>
<tr>
<td>Expense</td>
<td>9,000</td>
</tr>
<tr>
<td>Premiums, Staff</td>
<td>200,000</td>
</tr>
<tr>
<td>Premiums, Student</td>
<td>300,000</td>
</tr>
</tbody>
</table>

*Total, Wages, Expense, and Equipment*  
$527,320

*Total, Auxiliary — Hospital Insurance Administration*  
$527,320

**Business Office**

Account Number 00-10-08-000

1. Lyle M. Dahlenburg, Chief Accountant  
   DY $14,000
2. C. H. Pratt, Chief Accountant, Emeritus  
   R $102,020

Nonacademic Salaries  
$116,020

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wages</td>
<td>200</td>
</tr>
<tr>
<td>Expense</td>
<td>16,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>500</td>
</tr>
</tbody>
</table>

*Total, Wages, Expense, and Equipment*  
$18,700

*Total, Accounting Division*  
$135,620
### Chartered Traveling Revolving
Account Number 12-10-08-072

| Expense | $11,000 |

**Total, Chartered Traveling Revolving:** $11,000

### Veterans Books and Supplies Revolving
Account Number 12-10-08-088

| Expense | $1,500 |

**Total, Veterans Books and Supplies Revolving:** $1,500

### Indirect Costs — Accounting Division
Account Number 40-10-08-000

| Nonacademic Salaries | $17,670 |
| Expense | $1,000 |

**Total, Indirect Costs — Accounting Division:** $18,670

### Auditing Division
Account Number 00-10-09-000

| Wilbur J. Thom, Auditor | $11,500 |
| S. C. Smith, Auditor, Emeritus | $64,610 |

**Total, Salaries:** $76,110

| Wages | $8,800 |
| Expense | $2,000 |
| Equipment | $500 |

**Total, Wages, Expense, and Equipment:** $16,300

**Total, Auditing Division:** $85,410

### Indirect Costs — Auditing Division
Account Number 40-10-09-000

| Nonacademic Salaries | $10,380 |
| Expense | $1,300 |

**Total, Indirect Costs — Auditing Division:** $11,680

### Bursar’s Division
Account Number 00-10-10-000

| C. C. DeLong, Bursar | $15,000 |

**Total, Salaries:** $15,000

| Wages | $4,700 |
| Expense | $26,000 |
| Equipment | $800 |

**Total, Wages, Expense, and Equipment:** $31,500

**Total, Bursar’s Division:** $161,500

### Indirect Costs — Bursar’s Division
Account Number 40-10-10-000

| Nonacademic Salaries | $44,700 |
| Expense | $8,300 |

**Total, Indirect Costs — Bursar’s Division:** $53,000

### Purchasing Division
Account Number 00-10-11-000

| James E. Osborn, Director of Purchases | $13,200 |
| H. M. Edwards, Director of Purchases, Emeritus | $136,022 |

**Total, Salaries:** $149,222

| Wages | $1,000 |
| Expense | $14,500 |
| Equipment | $500 |

**Total, Wages, Expense, and Equipment:** $16,400

**Total, Purchasing Division:** $165,622
INDIRECT COSTS — PURCHASING DIVISION
Account Number 40-10-11-000
Nonacademic Salaries ........................................ $ 37,610
Expense .................................................................. 4,000
Total, Indirect Costs — Purchasing Division ........ $ 41,610

Admissions and Records
Account Number 00-10-13-000
1. C. W. Sanford, Dean ........................................... ZBY $ 20,000
2. George P. Tuttle, Director, Emeritus .................... R ................
3. L. B. Fisher, Coordinator of School and University Articulation ........................................... ZDY50 6,025
   (Total Salary) ................................................... (12,050)
4. D. A. Grossman, Director of the Undergraduate Scholarship Program, Emeritus .................. R ................
5. E. C. Seyler, Associate Dean of Admissions and Records .......................................................... DY 15,700
6. .........................................................., Director of the Undergraduate Scholarship Program ........... DY50 6,750
7. E. T. Sanford, Coordinator of Veterans' Educational Benefits .................................................. DY 9,000
8. Paul M. Garman, Assistant Coordinator of School and University Articulation ...................... DY50 3,500
   (Also Nonacademic)
   (Total Salary) ................................................... (7,000)
9. Edward T. O'Meara, Assistant Coordinator of School and University Articulation ................. ZDY50 2,500
   (Total Salary) ................................................... (5,000)
Nonacademic Salaries ............................................. 279,355
Total, Salaries ...................................................... (342,830)
Wages .................................................................... 20,440
Expense .................................................................. 61,000
Expense, Articulation .............................................. 4,700
Expense, Nonrecurring .......................................... (6,892)
Expense, College Days .......................................... 6,000
Convention Travel .................................................. 300
Equipment ................................................................ 4,200
Total, Wages, Expense, and Equipment ................. (96,640)
Total, Admissions and Records ............................... $439,470

Accountancy Committee Revolving
Account Number 12-10-13-001
1. .........................................................., Director of the Undergraduate Scholarship Program ........... DY50 $ 6,750
Nonacademic Salaries ............................................. 12,495
Total, Salaries ...................................................... (19,245)
Wages .................................................................... 700
Expense .................................................................. 30,800
Equipment ................................................................ 1,000
Total, Wages, Expense, and Equipment ................. (32,500)
Total, Accountancy Committee Revolving ............... $ 51,745

Entrance Examinations Revolving
Account Number 12-10-13-022
Nonacademic Salaries ............................................. $ 4,800
Total, Salaries ...................................................... (4,800)
Wages .................................................................... 3,200
Expense .................................................................. 1,000
Total, Wages, Expense, and Equipment ................. (4,200)
Total, Entrance Examinations Revolving ................. $ 9,000
Indirect Costs — Admissions and Records
Account Number 40-10-13-000
Nonacademic Salaries .................................................. $ 3,210
  Total, Salaries .................................................... (3,210)
Wages ................................................................. 2,300
Expense .................................................................. 600
  Total, Wages, Expense, and Equipment ....................... (2,900)
  Total, Indirect Costs — Admissions and Records .......... $ 6,110

Legal Counsel
Account Number 00-10-15-000
1. Ralph F. Lesemann, Legal Counsel ......................... ZBY $ 22,000
  Nonacademic Salaries .............................................. 52,770
  Total, Salaries ...................................................... (74,770)
Wages ................................................................. 1,700
Expense .................................................................. 8,500
Convention Travel ..................................................... 100
Equipment ................................................................ 600
  Total, Wages, Expense, and Equipment ....................... (10,900)
  Total, Legal Counsel .............................................. $ 85,670

Nonacademic Personnel
Account Number 00-10-16-000
1. Donald E. Dickason, Director ................................. (BY50 $ 8,750
  (Total Salary) ......................................................... (4,375)
  (Also paid $4,375 by Merit Board)
2. Robert E. Hartz, Associate Director ....................... DY 14,000
  Nonacademic Salaries .............................................. 85,980
  Total, Salaries ...................................................... (108,730)
Wages ................................................................. 2,100
Expense .................................................................. 10,300
Convention Travel ..................................................... 200
Equipment ................................................................ 1,500
  Total, Wages, Expense, and Equipment ....................... (14,100)
  Total, Nonacademic Personnel ................................. $122,830

Nonacademic Free Budget Balances
Account Number 00-10-16-910
Nonacademic Salaries .................................................. $ 57,000
  Total, Nonacademic Free Budget Balances ................... $ 57,000

Indirect Costs — Nonacademic Personnel
Account Number 40-10-16-000
Nonacademic Salaries .................................................. $ 9,600
  Expense ................................................................. 1,200
  Total, Indirect Costs — Nonacademic Personnel .......... $10,800

Public Information
Account Number 00-10-18-000
1. Charles E. Flynn, Director ................................. BY $ 17,500
2. Josef F. Wright, Director, Emeritus ...................... ZR 10,000
3. W. Scott Tyler, Editor of Illinois Alumni News ....... DY 3,800
  4. 1.00 Full Time Equivalent Assistants .................. E 40,970
  Nonacademic Salaries .............................................. (72,270)
Wages ................................................................. 200
Expense .................................................................. 17,000
Convention Travel ..................................................... 200
Equipment ................................................................ 900
  Total, Wages, Expense, and Equipment ....................... (17,000)
  Total, Public Information ......................................... $ 90,170
Dean of Students

General

Account Number 00-10-20-000

1. Fred H. Turner, Dean of Students .................. BY $ 17,500
2. Robert A. Schuiteman, Director of the Office of Foreign Students .................. ZDY50 4,750 (Total Salary) (9,500)
3. E. E. Stafford, Associate Dean of Students .................. BY 12,500
4. Arthur Hamilton, Assistant Dean of Foreign Students, Emeritus .................. ZR .......................... (Total Salary) (8,600)
5. John R. Griffin, Assistant Dean of Students .................. ZDY50 4,250 (Total Salary) (8,600)
6. V. J. Hampton, Assistant Dean of Students .................. DY 10,500
7. Paul J. Magelli, Assistant to the Dean of Students .................. DY 5,400
8. Calvin S. Sifferd, Assistant Dean of Students .................. ZDY50 4,300 (Total Salary) (8,600)
9. ——, Assistant to the Director of the Office of Foreign Students .................. DY 5,500

Nonacademic Salaries

Total, Salaries .......................... (101,480)

Wages, General .......................... 3,160
Wages, Freshman Week .......................... 350
Wages, Foreign Students .......................... 700
Wages, Student Activities .......................... 750
Wages, Student Employment .......................... 4,300
Expense, General .......................... 2,600
Expense, Freshman Week .......................... 5,900
Expense, Foreign Students .......................... 1,500
Expense, Student Activities .......................... 550
Expense, Student Employment .......................... 2,200
Contingency .......................... 2,350
Convention Travel .......................... 500
Equipment, General .......................... 650

Total, Wages, Expense, and Equipment .......................... (25,510)

Total, Dean of Students — General .......................... $126,990

Dean of Men

Account Number 00-10-21-000

1. Carl W. Knox, Dean of Men .......................... BY $ 13,500
2. Richard E. O'Leary, Assistant Dean of Men .......................... DY 6,000
3. Eldon E. Park, Assistant Dean of Men .......................... DY 6,000
4. ——, Associate Dean of Men .......................... DY 9,600

Nonacademic Salaries

Total, Salaries .......................... (45,510)

Wages .......................... 8,600
Expense .......................... 4,700
Equipment .......................... 800

Total, Wages, Expense, and Equipment .......................... (14,100)

Total, Dean of Men .......................... $ 59,610

Dean of Women

Account Number 00-10-22-000

1. Miriam A. Shelden, Dean of Women .......................... BY $ 13,500
2. Maria Leonard, Dean of Women, Emerita .......................... R ..........................
3. B. Joan Cochran, Assistant Dean of Women .......................... DY 6,400
4. Eunice M. Dowse, Assistant Dean of Women .......................... DY 8,800
5. Mary E. Harrison, Assistant Dean of Women .......................... DY 6,600
6. Ann J. McNamara, Assistant Dean of Women .......................... DY 6,600
7. ——, Assistant Dean of Women .......................... DY 6,600
8. Mary E. Garrard, House Director of Gamma House .......................... ZG37 (Total Salary) (2,000)

(Ten months from September 1, 1960)
<table>
<thead>
<tr>
<th>Position</th>
<th>Total Salary</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>9. Ruth C. Anderson, House Director of Beta House</td>
<td>ZG37</td>
<td>(2,000)</td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Mae Real, House Director of Alpha House</td>
<td>ZG37</td>
<td>(2,000)</td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. L.00 Full Time Equivalent Assistants</td>
<td>E</td>
<td>3,800</td>
</tr>
<tr>
<td>12. Summer Assistants</td>
<td>G</td>
<td>800</td>
</tr>
<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total, Salaries</td>
<td>(79,380)</td>
<td></td>
</tr>
<tr>
<td>Wages</td>
<td></td>
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<tr>
<td>Expense</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total, Wages, Expense, and Equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total, Dean of Women</td>
<td></td>
<td>$90,180</td>
</tr>
</tbody>
</table>

### Housing Division

Account Number 00-10-24-000

1. V. L. Kretschmer, Director of Auxiliary Services ZDY50 $8,500
   (Total Salary) (17,000)
   Nonacademic Salaries: 28,530
   Total, Salaries: (37,030)

2. Robert S. Holty, Chicago Coordinating Placement Officer ZDY40

3. Security Office

Account Number 00-10-28-000

1. William T. Morgan, Security Officer DY $10,800
2. Max A. Irvin, Assistant Security Officer DY $8,600

Nonacademic Salaries: 29,145
Total, Salaries: (49,745)

4. Health Service

Account Number 00-10-30-000

1. Orville S. Walters, Director of Health Services AY $19,500
   Lecturer in Psychiatry and Professor of Hygiene.
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Marion D. Kinzie, Associate Director of Health Services; Associate Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital</td>
<td>(Total Salary)</td>
<td>AY 15 000</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Henry I. Teigler, Staff Physician in the Health Center and Professor of Hygiene</td>
<td></td>
<td>AY 13 200</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Elmer W. Cavins, Staff Physician in the Health Center and Associate Professor of Hygiene</td>
<td></td>
<td>AY 13 000</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Dorothy F. Dunn, Associate Professor of Hygiene</td>
<td></td>
<td>A     8 400</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>G. F. Kolar, Dental Adviser, Oral Hygienist, and Associate Professor of Hygiene</td>
<td></td>
<td>AY 9 000</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>L. D. Lewis, Staff Physician in the Health Center and Associate Professor of Hygiene</td>
<td>(Total Salary)</td>
<td>AY 6 500</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>May I. Millbrook, Staff Physician in the Health Center and Associate Professor of Hygiene</td>
<td>(On leave without pay for two years from September 1, 1960)</td>
<td>A     9 000</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Charles H. Nichols, Staff Physician in the Health Center and McKinley Hospital and Associate Professor of Hygiene</td>
<td></td>
<td>AY 15 000</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Jack Otis, Psychiatric Social Work Supervisor and Associate Professor of Hygiene</td>
<td>(On leave with one-half pay 1960-61)</td>
<td>A     9 200</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Marjorie M. Smarzo, Staff Physician in the Health Center and Associate Professor of Hygiene</td>
<td></td>
<td>AY 11 000</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Loren W. Akers, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 12 600</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Robert B. Montgomery, Medical Adviser and Assistant Professor of Hygiene</td>
<td>(On disability leave—University Retirement System)</td>
<td>G</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Arthur G. Nikelly, Clinical Psychologist and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 8 000</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Lloyd W. Ravlin, Psychiatrist and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 14 800</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Helen C. Sharp, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 12 600</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Anne E. VanDyke, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 12 600</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Anthony J. Vinci, Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 12 600</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Robert W. Whitener, Psychiatrist and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 15 000</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>G. R. Blackstone, Associate, Emeritus</td>
<td></td>
<td>R</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>LeRoy L. Fatheree, Consultant</td>
<td></td>
<td>BY 5 000</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Milton R. Glaser, Staff Physician in the Health Center and McKinley Hospital</td>
<td></td>
<td>BY 15 000</td>
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</tr>
<tr>
<td>23</td>
<td>- Psychiatric Social Worker in the Health Center</td>
<td></td>
<td>DY 8 250</td>
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<td>24</td>
<td>- Staff Physician in the Health Center and McKinley Hospital and Assistant Professor of Hygiene</td>
<td></td>
<td>BY 12 000</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Nonacademic Salaries</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td><strong>Total, Salaries</strong></td>
<td></td>
<td>(350 310)</td>
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</tr>
<tr>
<td></td>
<td><strong>Total, Wages</strong></td>
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<td>(30 100)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Expense</strong></td>
<td></td>
<td>(20 050)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Convention Travel</strong></td>
<td></td>
<td>(1 250)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Equipment</strong></td>
<td></td>
<td>(2 200)</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total, Health Service</strong></td>
<td></td>
<td>(54 220)</td>
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<tr>
<td></td>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(404 510)</td>
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### McKinley Hospital Support

Account Number 00-10-31-000

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Expense</td>
<td>$40,000</td>
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<td><strong>Total, McKinley Hospital Support</strong></td>
<td><strong>$40,000</strong></td>
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### Auxiliary — McKinley Hospital

Account Number 18-10-31-720

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Nonacademic Salaries</td>
<td>$181,786</td>
</tr>
<tr>
<td><strong>Total, Salaries</strong></td>
<td><strong>(181,786)</strong></td>
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<tr>
<td>Wages</td>
<td>10,000</td>
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<tr>
<td>Expense</td>
<td>30,500</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td><strong>(40,500)</strong></td>
</tr>
<tr>
<td><strong>Total, Auxiliary — McKinley Hospital</strong></td>
<td><strong>$222,286</strong></td>
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### Provost's Office

### Student Counseling Service

Account Number 00-10-34-000

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>William M. Gilbert</td>
<td>Director</td>
<td>$14,200</td>
</tr>
<tr>
<td>Thomas N. Ewing</td>
<td>Associate Director</td>
<td>$12,200</td>
</tr>
<tr>
<td>Alice K. Jonietz</td>
<td>Clinical Counselor</td>
<td>$10,050</td>
</tr>
<tr>
<td>James F. Kamman</td>
<td>Clinical Counselor and Supervisor of Testing, with rank of Associate Professor</td>
<td>$10,000</td>
</tr>
<tr>
<td>Robert P. Larsen</td>
<td>Clinical Counselor</td>
<td>$7,400</td>
</tr>
<tr>
<td>Louis C. Ate, Jr.</td>
<td>Clinical Counselor</td>
<td>$8,400</td>
</tr>
<tr>
<td>William Gerler</td>
<td>Clinical Counselor with rank of Assistant Professor</td>
<td>$7,800</td>
</tr>
<tr>
<td>Boyd B. Jackson</td>
<td>Clinical Counselor and Supervisor of Reading and Study Programs, with rank of Assistant Professor</td>
<td>$9,000</td>
</tr>
<tr>
<td>Robert C. Pugh</td>
<td>Counselor</td>
<td>$7,700</td>
</tr>
<tr>
<td>Pearl Schroeder</td>
<td>Clinical Counselor with rank of Assistant Professor</td>
<td>$7,850</td>
</tr>
<tr>
<td>Miriam Sperber</td>
<td>Clinical Counselor with rank of Assistant Professor</td>
<td>$7,450</td>
</tr>
<tr>
<td>Morton Wagman</td>
<td>Clinical Counselor</td>
<td>$7,800</td>
</tr>
<tr>
<td>John C. Langdon</td>
<td>Clinical Counselor with rank of Instructor</td>
<td>$7,100</td>
</tr>
<tr>
<td>Edward H. Heath</td>
<td>Counselor</td>
<td>$14,425</td>
</tr>
<tr>
<td>John A. Henry</td>
<td>Counselor</td>
<td>$5,700</td>
</tr>
<tr>
<td>Paul S. Pettinga</td>
<td>Counselor</td>
<td>$7,000</td>
</tr>
<tr>
<td>Frank Costin</td>
<td>Counselor</td>
<td>$4,900</td>
</tr>
<tr>
<td>Joan C. Graham</td>
<td>Counselor</td>
<td>$3,850</td>
</tr>
<tr>
<td>5.33 Full Time Equivalent Assistants</td>
<td></td>
<td>$2,500</td>
</tr>
<tr>
<td>6.50 Summer Counselors</td>
<td></td>
<td>$2,000</td>
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<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>$20,430</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
<td><strong>$210,430</strong></td>
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<tr>
<td>Wages</td>
<td></td>
<td>$7,300</td>
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</table>

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**Note:** The table presents a summary of various accounts and their respective expenses and salaries, including details such as director's and counselor's positions, with specific amounts for total salaries and wages. The data is organized to reflect the financial records of the University of Illinois for the period indicated.
Expense ............................................................. 12,000
Equipment .................................................................. 1,200
Total, Wages, Expense, and Equipment ..................... (20,400)
Total, Student Counseling Service ............................... $230,930

Bureau of Institutional Research
Account Number 00-10-40-000
1. Edward F. Potthoff, Director ............................... ZDY75 $11,855
   (Total Salary) .................................................. (15,500)
2. G. J. Froehlich, Assistant Director .......................... DY $10,500
   With rank of Associate Professor ........................... AY
3. 0.50 Full Time Equivalent Assistants .......................... DY $3,100
Nonacademic Salaries .............................................. 23,400
Total, Salaries ...................................................... (48,900)
Wages .................................................................. 1,200
Expense .................................................................. 4,600
Equipment .................................................................. 900
Total, Wages, Expense, and Equipment ..................... (6,700)
Total, Bureau of Institutional Research ....................... $55,245

Statistical Service Unit
Account Number 00-10-41-000
1. John F. Chaney, Director ....................................... DY $14,000
   With rank of Associate Professor ............................ AY
2. F. H. Flerchinger, Assistant Director of Systems and
   Programming Devices ............................................. DY $14,400
Nonacademic Salaries .............................................. 114,400
Total, Salaries ....................................................... (138,600)
Wages .................................................................. 3,000
Expense .................................................................. 84,800
Total, Wages, Expense, and Equipment ..................... (91,800)
Total, Statistical Service Unit .................................. $226,400

INDIRECT COSTS — STATISTICAL SERVICE UNIT
Account Number 40-10-41-000
Nonacademic Salaries .............................................. $33,400
Total, Salaries ....................................................... (33,400)
Expense .................................................................. 2,700
Machine Rentals ..................................................... 10,000
Total, Wages, Expense, and Equipment ..................... (12,700)
Total, Indirect Costs — Statistical Service Unit .......... $46,100

Courses and Curricula
Account Number 00-10-42-000
1. Jessie Howard, Research Specialist with rank of Assistant
   Professor .......................................................... ZB $8,800
   (Total Salary) .................................................. (8,800)
Wages .................................................................. 100
Expense .................................................................. 100
Total, Wages, Expense, and Equipment ..................... (200)
Total, Courses and Curricula .................................. $9,000

Central Office on the Use of Space
Account Number 00-10-44-000
1. Harlan D. Bareither, Director ............................... ZBY50 $6,500
   (Total Salary) .................................................. (13,000)
Nonacademic Salaries .............................................. 12,120
Total, Salaries ....................................................... (18,620)
Wages .................................................................. 3,000
Expense .................................................................. 2,700
Equipment ................................................................ 300
Total, Wages, Expense, and Equipment ..................... (6,000)
Total, Central Office on the Use of Space ..................... $24,620
Instructional Television

Account Number 00-10-45-100

1. Charles J. McIntyre, Coordinator.................. ZBY $15,000
2. ————, Assistant Manager of Television Station
and Supervisor of Television-Motion Pictures.................. ZDY50 $5,400
   (Total Salary) (10,800)
3. 1.00 Full Time Equivalent Assistants................ E $3,800
Nonacademic Salaries
   Total, Salaries $10,180
Wages
   Expense $200
   Expense, Nonrecurring $10,700
   Total, Wages, Expense, and Equipment $10,900
   Total, Instructional Television $45,280

University Honors Programs

Account Number 00-10-48-000

1. Robert E. Johnson, Director.................. ZD67 $11,400
   (Total Salary) (17,000)
2. John C. Numann, Jr., Associate Director.................. ZBY38 $3,940
   (Total Salary) (10,500)
3. ————, Assistant Director.................. ZDY33 $4,000
Nonacademic Salaries
   Total, Salaries $23,180
Wages
   Expense $1,400
   Expense $2,000
   Total, Wages, Expense, and Equipment $3,400
   Total, University Honors Programs $26,580

Alumni Relations and Records

Account Number 00-10-50-000

1. E. E. Vance, Executive Director.................. FY $(12,000)
   (Effective July 1, 1960)
   (Salary paid by Alumni Association)
2. James Vermette, Field Director.................. FY $6,000
   (Effective July 1, 1960)
   (Salary paid by Alumni Association)
3. Dorothy M. Carmichael, Alumnae Director.................. FY $6,500
   (Effective July 1, 1960)
   (Salary paid by Alumni Association)
Nonacademic Salaries
   Total, Salaries $34,020
Wages
   Expense $3,030
   Expense $31,100
   Total, Wages, Expense, and Equipment $36,130
   Total, Alumni Relations and Records $71,050

University of Illinois Foundation

Account Number 00-10-52-000

1. James C. Colvin, Executive Director.................. FY $(15,000)
   (Salary paid by Foundation)
   (Effective July 1, 1960)
2. Charles E. Warwick, Secretary.................. FY $7,500
   (Salary paid by Foundation)
   (Effective July 1, 1960)
Expense
   Total, Wages, Expense, and Equipment $53,200
   Total, University of Illinois Foundation $53,200

Illini Center

Account Number 00-10-53-000
Nonacademic Salaries
   Total, Salaries $9,060
   (9,060)
Board of Trustees

Expense .......................................................... 2,900
Rental ........................................................................ 7,800
Total, Wages, Expense, and Equipment ..................... (10,700)
Total, Illini Center .................................................. $19,700

Audit of University Accounts
Account Number 00-10-60-000
Expense ...................................................................... $18,700
Total, Audit of University Accounts ....................... $18,700

Building Program Committee
Account Number 00-10-62-000
Nonacademic Salaries .............................................. $2,730
Total, Salaries ........................................................ (2,730)
Wages ........................................................................ 100
Expense ...................................................................... 325
Total, Wages, Expense, and Equipment .................. (425)
Total, Building Program Committee ....................... $3,155

Citizens Committee
Account Number 00-10-64-000
I. George H. Bargh, Director .................................. ZDY
Expense ...................................................................... $5,500
Total, Citizens Committee ........................................ $5,500

Commencement
Account Number 00-10-66-000
Expense ...................................................................... $23,000
Total, Commencement .............................................. $23,000

Committee on Student English
Account Number 00-10-68-000
1. Jessie Howard, Executive Secretary ...................... ZB
Nonacademic Salaries .............................................. $5,580
Total, Salaries ........................................................ (5,580)
Expense ...................................................................... 100
Equipment .................................................................. 100
Total, Wages, Expense, and Equipment .................. (1,100)
Total, Committee on Student English ..................... $6,680

General Publications
Account Number 00-10-70-000
Expense ...................................................................... $62,000
Total, General Publications ..................................... $62,000

General University Lectures
Account Number 00-10-72-000
General University Lectures ...................................... $9,000
Total, General University Lectures ......................... $9,000

Honors Day
Account Number 00-10-76-000
Wages ........................................................................ $750
Expense ...................................................................... 1,700
Equipment .................................................................. 400
Total, Honors Day .................................................... $2,850

Incidental and Emergency
Account Number 00-10-80-000
Expense ...................................................................... $7,000
Total, Incidental and Emergency ............................... $7,000
Memberships in Organizations

<table>
<thead>
<tr>
<th>Organization</th>
<th>Account Number</th>
<th>Memberships</th>
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</thead>
<tbody>
<tr>
<td>American Council on Education</td>
<td>00-10-81-000</td>
<td>300</td>
</tr>
<tr>
<td>Associated Midwest Universities</td>
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<td>1000</td>
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<td>Association of American Universities</td>
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<tr>
<td>Association of Land Grant Colleges and Universities</td>
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<tr>
<td>Institute of International Education</td>
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<td>International Association of Universities</td>
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<tr>
<td>National Association of State Universities</td>
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<td>National Commission on Accrediting</td>
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<td>North Central Association of Colleges and Secondary Schools</td>
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<td>Campus Businessmen's Association</td>
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<tr>
<td>Champaign Chamber of Commerce</td>
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<td>Business Officers Association of Governmental Relations</td>
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<tr>
<td><strong>Total, Memberships in Organizations</strong></td>
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Public Functions

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<thead>
<tr>
<th>Function</th>
<th>Account Number</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Wages</td>
<td>00-10-82-000</td>
<td>$1100</td>
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<td>Expense</td>
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<td>$37000</td>
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<td><strong>Total, Public Functions</strong></td>
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<td>$37000</td>
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University Retirement System

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<thead>
<tr>
<th>Function</th>
<th>Account Number</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expense for employer contributions</td>
<td>00-10-90-000</td>
<td>$2119350</td>
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<td><strong>Total University Retirement System</strong></td>
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Retiring Allowances

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<tr>
<th>Function</th>
<th>Account Number</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Salaries paid as retiring allowances</td>
<td>00-10-92-000</td>
<td>$22217</td>
</tr>
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<td><strong>Total, Retiring Allowances</strong></td>
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<td>$22217</td>
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Safety and Accident Compensation

<table>
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<tr>
<th>Function</th>
<th>Account Number</th>
<th>Total</th>
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<tbody>
<tr>
<td>Nonacademic Salaries</td>
<td>00-10-94-000</td>
<td>$21130</td>
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<tr>
<td>Expense</td>
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<td>$63000</td>
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<td><strong>Total, Safety and Accident Compensation</strong></td>
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Death and Disability Benefits

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<tr>
<th>Function</th>
<th>Account Number</th>
<th>Total</th>
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<tbody>
<tr>
<td>Wages for replacement of nonacademic staff</td>
<td>00-10-96-000</td>
<td>$2500</td>
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<td>Expense for death benefits</td>
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<td><strong>Total, Death and Disability Benefits</strong></td>
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**COLLEGE OF AGRICULTURE**

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<tr>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td>Administration</td>
<td>$83,475</td>
<td>$8,750</td>
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<tr>
<td>Contingent</td>
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</tr>
<tr>
<td>Convention Travel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farm and Home Week</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agricultural Economics</td>
<td>$111,785</td>
<td>$2,370</td>
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<tr>
<td>Agricultural Engineering</td>
<td>$73,835</td>
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<td>$83,125</td>
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<tr>
<td>Agronomy</td>
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<td>$9,700</td>
<td>$130,810</td>
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General
### General (Continued)

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<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Science</td>
<td>181 230</td>
<td>41 750</td>
<td>222 980</td>
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<tr>
<td>Dairy Science</td>
<td>133 195</td>
<td>60 810</td>
<td>194 005</td>
</tr>
<tr>
<td>Food Technology</td>
<td>79 260</td>
<td>11 220</td>
<td>70 470</td>
</tr>
<tr>
<td>Forestry</td>
<td>68 460</td>
<td>8 025</td>
<td>76 435</td>
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<tr>
<td>Home Economics</td>
<td>276 240</td>
<td>41 340</td>
<td>317 580</td>
</tr>
<tr>
<td>Horticulture</td>
<td>80 665</td>
<td>8 380</td>
<td>89 245</td>
</tr>
<tr>
<td>Plant Pathology</td>
<td>38 950</td>
<td>1 150</td>
<td>40 100</td>
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<tr>
<td>Vocational Agriculture</td>
<td>52 485</td>
<td>5 630</td>
<td>58 115</td>
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**Total, Instruction** \((1 278 630)\) \((246 815)\) \((1 525 445)\)

### Organized Research

<table>
<thead>
<tr>
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<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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</thead>
<tbody>
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<td>26 040</td>
<td>128 825</td>
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<tr>
<td>Agricultural Economics</td>
<td>177 985</td>
<td>14 160</td>
<td>192 145</td>
</tr>
<tr>
<td>Agricultural Engineering</td>
<td>121 705</td>
<td>11 920</td>
<td>133 625</td>
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<tr>
<td>Entomology</td>
<td>2 440</td>
<td>200</td>
<td>2 640</td>
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<tr>
<td>Agronomy</td>
<td>434 290</td>
<td>96 115</td>
<td>530 405</td>
</tr>
<tr>
<td>Animal Science</td>
<td>314 190</td>
<td>70 200</td>
<td>384 390</td>
</tr>
<tr>
<td>Dairy Science</td>
<td>239 305</td>
<td>71 750</td>
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<td>142 060</td>
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**Total, Organized Research** \((2 270 540)\) \((489 635)\) \((2 760 175)\)

### Extension and Public Services

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**Total, Extension and Public Services** \((1 983 395)\) \((38 540)\) \((2 022 935)\)

**Total, General** \(\$5 532 765\) \(\$774 990\) \(\$6 307 755\)

### Restricted

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**Total, Instruction** \((3 300)\) \((2 000)\) \((5 300)\)

### Organized Activities Relating to Instruction

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<td>Vocational Agriculture Revolving</td>
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**Total, Organized Activities Relating to Instruction** \((18 117)\) \((54 313)\) \((72 430)\)
Organized Research

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<td><strong>Total, Organized Research</strong></td>
<td>(925 795)</td>
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Extension and Public Services

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<td>Estimated Private Gifts</td>
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<td>4 600</td>
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<td><strong>Total, Extension and Public Services</strong></td>
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<td>(1 426 128)</td>
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Auxiliary Enterprises

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<td>Grein Farm Operation</td>
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<td>Maxwell Farm Operation</td>
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<td>Troutman Farm Operation</td>
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<td>5 000</td>
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<td>Four-H Memorial Camp Operations</td>
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<td><strong>Total, Auxiliary Enterprises</strong></td>
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<td>(50 500)</td>
<td>(55 360)</td>
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**Total, Restricted**                     | $2 351 927 | $2 324 531 | $4 676 458

Estimated Income from Sales for the General Budget

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<td>Dairy Science</td>
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<td>Dixon Springs</td>
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<td>Food Technology</td>
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<tr>
<td>Horticulture</td>
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<td>8 000</td>
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<tr>
<td>Veterinary Research</td>
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<td><strong>Total</strong></td>
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Agricultural Income realized over estimate and reserved for the use of the College of Agriculture may be assigned, upon recommendation of the Dean of the College of Agriculture and approval of the Vice-President and Comptroller, to the department earning such income. If income of $122,500 is not realized, appropriations to departments will be reduced accordingly.

Fund Code

The following code letters are used in the Agriculture budget at the left of the tenure symbol to indicate the fund:

State, revolving and trust accounts:

- C — College
- S — Station
- E — Extension
Federal Funds, Station: Fund Number
H — Hatch 21
R — Regional Research 23
T — Agricultural Marketing Title II 28

Federal Funds, Extension:
K — Research and Marketing Extension 34
L — Smith-Lever 36

Administration

Account Number 00-15-01-100; College 00-15-01-100; Station 00-15-01-300; Extension 00-15-01-400

1. Louis B. Howard, Dean of the College, Director of Station and Extension Service. $ 7,340
   (Total Salary) .............................................. (22,000)

2. J. C. Blair, Dean, Director, and Professor, *Emeritus*. C-RA

3. Robert R Hudelson, Dean, Director, and Professor of Agricultural Economics, *Emeritus*. C-R

4. W. E. Carroll, Associate Director and Professor, *Emeritus* S-R

5. Karl E. Gardner, Associate Dean of College. C-ZBY 15,000

6. Tom S. Hamilton, Associate Director of Station. S-ZBY 18,500

7. W. G. Kammlade, Associate Director and Professor, *Emeritus*. E-ZR

8. J. C. Spitler, Associate Director and Professor, *Emeritus*. E-R

9. Associate Director of Extension Service and Professor of Agricultural Extension. E-ZBY50 8,100
   (Total Salary) .............................................. (16,200)

10. Martha L. Dunlap, Assistant Director of Extension Service. L-ZBY50 5,750
    (Total Salary) .............................................. (11,500)

11. R. W. Jugenheimer, Assistant Dean of College and Assistant Director of Station. S-ZBY55 7,425
    (Total Salary) .............................................. (13,500)

12. W. D. Murphy, Assistant Director of Extension Service. L-ZBY50 5,750
    (Total Salary) .............................................. (11,500)

13. Cecil Dale Smith, Assistant Dean of College with rank of Professor. C-ZBY20 11,600

14. H. W. Bean, Assistant Director of Extension Service. L-ZBY30 5,650
    (Total Salary) .............................................. (11,300)

15. Hadley Read, Extension Editor and Professor of Agricultural Extension. S-AY10 1,150
    E-AY67 8,050
    L-AY23 2,300
    (Total Salary) .............................................. (11,500)

16. Warren K. Wessels, Assistant to Dean of College with rank of Assistant Professor. S-DY75 2,050
    (Total Salary) .............................................. (8,200)

17. Anna C. Glover, Editor with rank of Associate Professor, *Emerita*. S-R
    S-ZBY50 8,400
    (Total Salary) .............................................. (10,500)

18. A. W. Janes, Editor with rank of Associate Professor. H-AY25 2,100
    (Total Salary) .............................................. (10,500)

19. John H. Behrens, Assistant Extension Editor with rank of Assistant Professor. L-ZBY50 4,625
    (Total Salary) .............................................. (9,000)

20. Owen F. Glissendorf, Assistant Professor of Agricultural Communications. E-ZBY50 4,500
    (Total Salary) .............................................. (9,000)

21. Harold D. Guither, Assistant Extension Editor and Assistant Professor of Agricultural Extension. L-ZBY30 2,745
    (Total Salary) .............................................. (9,150)
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<td>22.</td>
<td>Jessie E. Heathman, Assistant Extension Editor and Assistant Professor of Home Economics Extension</td>
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<td>24.</td>
<td>Margery E. Suhre, Assistant Editor with rank of Assistant Professor</td>
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<td>———, Head of Agricultural Communications</td>
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<td>26.</td>
<td>Jack C. Everly, Assistant Extension Editor and Instructor in Agricultural Extension</td>
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<td>Jon F. Greeneisen, Assistant Extension Editor with rank of Instructor</td>
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<td>Charles J. Isoline, Assistant Editor with rank of Instructor</td>
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<td>Louise G. Jones, Assistant Editor with rank of Instructor</td>
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<td>Margaret McGlothlin, Assistant Editor with rank of Instructor</td>
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<td>Gene Morokoff, Assistant Editor with rank of Instructor</td>
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<td>Richard G. Moores, Assistant Editor with rank of Instructor</td>
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Agricultural Departmental Revolving
Account Number 12-15-01-316
1. Fay M. Sims, Assistant Professor of Agricultural Economics | (Total Salary) | S-ZBY44 | $3 500 |
2. Nonacademic Salaries | S 10 800 |
3. Total, Salaries | S (14 300) |
4. Wages | S 6 000 |
I434 BOARD OF TRUSTEES [June 14

Expense .................................................. S 56,000
Equipment .............................................. S 1,000

Total, Wages, Expense, and Equipment ............... S 63,000

Total, Agricultural Departmental Revolving ........ $77,300

Joliet Field Revolving
Account Number 12-15-01-342
Expense .................................................. S $7,400

Total, Joliet Field Revolving ......................... $7,400

Agricultural Publications Revolving
Account Number 12-15-01-366
Expense .................................................. S $5,000

Total, Agricultural Publications Revolving .......... $5,000

Agricultural Sales Revolving
Account Number 12-15-01-378
Nonacademic Salaries ................................... S $5,490

Total, Salaries .......................................... (5,490)

Wages ...................................................... S 2,790

Expense .................................................. S 74,000

Equipment .............................................. S 500

Total, Wages, Expense, and Equipment ............... S 77,200

Total, Agricultural Sales Revolving ................ $82,690

Auxiliary — Grein Farm Operation
Account Number 18-15-01-732
Expense .................................................. S $5,000

Total, Auxiliary — Grein Farm Operation ........... $5,000

Robert Allerton Park
Account Number 44-15-01-401
1. Fay H. Root, Assistant Professor of Camp and Park Management

(Total Salary) ........................................... E-ZBY50 $4,400

Nonacademic Salaries ................................... E 31,620

Total, Salaries .......................................... (36,020)

Wages ...................................................... E 3,110

Expense .................................................. E 13,070

Equipment .............................................. E 4,800

Total, Wages, Expense, and Equipment ............... E 20,980

Total, Robert Allerton Park ......................... $57,000

Cooperative Investigations
VARIOUS DONORS — RESEARCH — RURAL ELECTRIFICATION
Account Number 44-15-01-387
1. Floyd L. Herum, Assistant Professor of Agricultural Engineering

(Total Salary) ........................................... S-ZDY40 $3,200

VARIOUS DONORS — EXTENSION — RURAL ELECTRIFICATION
Account Number 44-15-01-486
1. Floyd L. Herum, Assistant Professor of Agricultural Engineering

E-ZDY60 $4,800

VARIOUS DONORS — URBAN 4-H CLUB WORK
Account Number 44-15-01-488
1. Lawrence J. Biever, Associate Professor of Agricultural 4-H Club Work

(Total Salary) ........................................... E-ZAY50 $5,100

(10,200)
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<tr>
<td>1. Harold G. Halcrow, Professor and Head of Department</td>
<td>C-AY42 $ 7 665 S-AY42 7 665 E-AY16 2 920 (18 250)</td>
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<tr>
<td>2. J. B. Andrews, Professor, Emeritus</td>
<td>C-AY50 6 150</td>
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<tr>
<td>3. Chester B. Baker, Professor of Farm Management</td>
<td>C-AY20 2 480 S-AY60 7 440 E-AY20 2 480 (12 400)</td>
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<td>4. R. W. Bartlett, Professor</td>
<td>C-AY35 4 900 S-AY50 9 100 (14 000)</td>
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<tr>
<td>5. George K. Brinegar, Professor</td>
<td>C-AY40 4 600</td>
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<td>6. Emer E. Broadbent, Professor of Agricultural Marketing</td>
<td>C-AY50 6 300 S-AY50 6 300 (12 600)</td>
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<tr>
<td>7. H. C. M. Case, Professor, Emeritus</td>
<td>C-AY50 5 600 S-AY50 5 600 (11 200)</td>
</tr>
<tr>
<td>8. J. B. Cunningham, Professor of Farm Management</td>
<td>C-AY50 6 300 S-AY50 6 300 (12 600)</td>
</tr>
<tr>
<td>9. Folke Dovring, Professor</td>
<td>C-AY20 2 400</td>
</tr>
<tr>
<td>10. Clinton L. Folse, Professor of Rural Sociology</td>
<td>C-ZAY50 5 600 S-ZAY50 5 600 (11 200)</td>
</tr>
<tr>
<td>11. H. W. Hannah, Professor of Agricultural Law</td>
<td>C-AY40 6 300 S-AY40 6 300 (12 600)</td>
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<tr>
<td>12. Thomas A. Hieronymus, Professor of Agricultural Marketing</td>
<td>C-AY50 6 300 S-AY50 6 300 (12 600)</td>
</tr>
<tr>
<td>13. G. L. Jordan, Professor, Emeritus</td>
<td>C-AY50 6 150 S-AY50 6 150 (12 300)</td>
</tr>
<tr>
<td>14. George G. Judge, Professor</td>
<td>C-AY50 6 150 S-AY50 6 150 (12 300)</td>
</tr>
<tr>
<td>15. Norman G. P. Krausz, Professor of Agricultural Law</td>
<td>C-AY50 6 300 S-AY50 6 300 (12 600)</td>
</tr>
<tr>
<td>16. D. E. Lindstrom, Professor of Rural Sociology</td>
<td>C-ZAY50 5 600 S-ZAY50 5 600 (11 200)</td>
</tr>
<tr>
<td>17. J. W. Lloyd, Professor, Emeritus</td>
<td>C-AY50 6 150 S-AY50 6 150 (12 300)</td>
</tr>
<tr>
<td>18. M. L. Mosher, Professor, Emeritus</td>
<td>C-AY25 3 000 S-AY75 9 000 (12 000)</td>
</tr>
<tr>
<td>19. Ralph J. Mutti, Professor of Agricultural Marketing</td>
<td>C-AY50 6 150 S-AY50 6 150 (12 300)</td>
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<tr>
<td>20. Robert C. Ross, Professor, Emeritus</td>
<td>C-AY50 6 150 S-AY50 6 150 (12 300)</td>
</tr>
<tr>
<td>21. L. H. Simerl, Professor</td>
<td>C-AY50 6 150</td>
</tr>
<tr>
<td>22. Charles L. Stewart, Professor, Emeritus</td>
<td>C-AY65 7 995</td>
</tr>
<tr>
<td>23. Leslie F. Stice, Professor of Agricultural Marketing</td>
<td>C-AY35 8 300 S-AY10 1 230 (12 300)</td>
</tr>
<tr>
<td>24.</td>
<td>Earl R. Swanson, Professor</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
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<tr>
<td>25.</td>
<td>William N. Thompson, Professor of Farm Management</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
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<tr>
<td>26.</td>
<td>Vincent I. West, Professor</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>27.</td>
<td>R. H. Wilcox, Professor, Emeritus</td>
</tr>
<tr>
<td>28.</td>
<td>J. E. Wills, Professor of Farm Management</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
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<tr>
<td>29.</td>
<td>W. D. Buddemeier, Professor of Farm Management</td>
</tr>
<tr>
<td>30.</td>
<td>Alvin T. Anderson, Associate Professor</td>
</tr>
<tr>
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<td>(Total Salary)</td>
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<tr>
<td>31.</td>
<td>George M. England, Associate Professor</td>
</tr>
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<td>(Total Salary)</td>
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<tr>
<td>32.</td>
<td>John H. Herbst, Associate Professor</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>33.</td>
<td>R. A. Kelly, Associate Professor of Fruit and Vegetable Marketing</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>34.</td>
<td>Allan G. Mueller, Associate Professor of Farm Management</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>35.</td>
<td>E. H. Regnier, Associate Professor</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td></td>
<td>(On leave with pay six months from July 1, 1960)</td>
</tr>
<tr>
<td>36.</td>
<td>Franklin J. Reiss, Associate Professor of Farm Management</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>37.</td>
<td>Robert B. Schwartz, Associate Professor of Farm Management</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>38.</td>
<td>George B. Whitman, Associate Professor of Farm Management</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>39.</td>
<td>Delmar F. Wilken, Associate Professor of Farm Management</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>40.</td>
<td>Sheldon W. Williams, Associate Professor of Agricultural Marketing</td>
</tr>
<tr>
<td></td>
<td>(Also paid $7,350 by U.S. Department of Agriculture)</td>
</tr>
<tr>
<td>41.</td>
<td>Malcolm B. Kirtley, Assistant Professor of Agricultural Marketing</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>42.</td>
<td>James R. Roush, Assistant Professor of Agricultural Marketing</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>43.</td>
<td>Stephen C. Schmidt, Assistant Professor</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>44.</td>
<td>Fay M. Sims, Assistant Professor</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>45.</td>
<td>P. P. Somers, Assistant Professor of Dairy Science</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
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</table>
### 1960

#### UNIVERSITY OF ILLINOIS

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
</tr>
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<tbody>
<tr>
<td>Royce A. Hinton</td>
<td>Research Associate in Farm Management</td>
<td>H-DY50</td>
</tr>
<tr>
<td>Donald J. Hunter</td>
<td>Research Associate</td>
<td>H-DY40</td>
</tr>
<tr>
<td>Ralph L. Forrest</td>
<td>Assistant</td>
<td>H-DY50</td>
</tr>
<tr>
<td>David M. Schoonover</td>
<td>Assistant</td>
<td>H-DY50</td>
</tr>
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</table>

#### Farm Management Service

**Account Number**: 09-15-05-026

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. J. B. Cunningham</td>
<td>Professor of Farm Management</td>
<td>ZAY50</td>
</tr>
<tr>
<td>Donald G. Smith</td>
<td>Research Associate</td>
<td>DY10</td>
</tr>
</tbody>
</table>

**Total, Farm Management Service**: $16,650

#### Farm Accounting Revolving

**Account Number**: 12-15-05-326

| Nonacademic Salaries                      | $10,380                        |
| Total, Salaries                           | $10,380                        |
| Wages                                     | $3,500                         |
| Expense                                   | $8,320                         |
| Equipment                                 | $500                           |

**Total, Wages, Expense, and Equipment**: $12,320

**Total, Farm Accounting Revolving**: $22,700

#### Auxiliary — Maxwell Farm Operation

**Account Number**: 18-15-05-751

| Expense                                   | $5,000                         |

**Total, Auxiliary — Maxwell Farm Operation**: $5,000

#### Auxiliary — Troutman Farm Operation

**Account Number**: 18-15-05-783

| Expense                                   | $5,000                         |

**Total, Auxiliary — Troutman Farm Operation**: $5,000

#### Agricultural Engineering

**Account Number**: 00-15-10-000; College 00-15-10-000; Station 00-15-10-300; Extension 00-15-10-400

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank B. Lanham</td>
<td>Professor and Head of Department</td>
<td>E-AY20</td>
</tr>
</tbody>
</table>

**Total Salary**: $17,750
2. Harold H. Beaty, Professor ........................................... C-AV20 2,500

   (Total Salary). ...................................................... [June 14]

3. Deane G. Carter, Professor, Emeritus ............................ C-R

4. Edwin L. Hansen, Professor ......................................... E-AV20 2,500

   (Total Salary). ...................................................... S-AY25 3,125

5. Ralph C. Hay, Professor ............................................. C-ZAY

6. Keith H. Hinchcliff, Professor ...................................... E-AV40 4,680

   (Total Salary). ...................................................... R-AY20 (2,340)

7. E. W. Lehmann, Professor, Emeritus ............................... S-AY40 (4,680)

8. R. I. Shawl, Professor, Emeritus ................................ C-AV20 (12,500)

9. Roger R. Yoerger, Professor ........................................ C-AV40 4,560

   (Total Salary). ...................................................... S-AY60 6,840

10. Arthur L. Young, Professor, Emeritus ............................. (11,400)

11. F. W. Andrew, Associate Professor ................................. E-AV70 7,000

   (Total Salary). ...................................................... L-AY30 (3,000)

12. Donnell R. Hunt, Associate Professor ............................. C-AV50 5,250

   (Total Salary). ...................................................... S-AY30 3,150

13. D. G. Jedele, Associate Professor ................................. H-AV20 (2,100)

   (Total Salary). ...................................................... (10,500)

14. Benjamin A. Jones, Jr., Associate Professor ..................... E-AV55 5,500

   (Total Salary). ...................................................... L-AY45 (4,500)

15. Dwight F. Kampe, Associate Professor ............................ C-AV40 4,000

   (Total Salary). ...................................................... S-AY60 6,000

16. John W. Matthews, Associate Professor .......................... C-ZAY50 5,125

   (Total Salary). ...................................................... (10,250)

17. Gene C. Shove, Associate Professor ............................... C-AV30 3,000

   (Total Salary). ...................................................... S-AY50 5,000

18. Howard L. Wakefield, Associate Professor ....................... H-AV20 (2,000)

   (Total Salary). ...................................................... (10,000)

19. J. Arthur Weber, Associate Professor .............................. C-ZAY

   (Total Salary). ...................................................... C-AV20 2,150

20. H. P. Bateman, Assistant Professor ............................... S-AY25 2,700

   (Total Salary). ...................................................... H-AY55 (5,940)

21. Larry Boersma, Assistant Professor ............................... C-BY10 820

   (Total Salary). ...................................................... S-BY30 2,460

22. Wendell Bowers, Assistant Professor .............................. H-BY60 (4,920)

   (Total Salary). ...................................................... (8,200)

23. James O. Curtis, Assistant Professor ............................. C-BY10 2,340

   (Total Salary). ...................................................... S-BY70 5,150

24. Arthur Muehling, Assistant Professor ............................ C-BY50 4,500

   (Total Salary). ...................................................... R-BY70 (5,490)

25. James O. Curtis, Assistant Professor ............................. C-BY50 4,500

   (Total Salary). ...................................................... R-BY70 (5,490)

26. H. P. Bateman, Assistant Professor ............................... C-BY10 820

   (Total Salary). ...................................................... S-BY30 2,460

27. Wendell Bowers, Assistant Professor .............................. H-BY60 (4,920)

   (Total Salary). ...................................................... (8,200)

28. James O. Curtis, Assistant Professor ............................. C-BY10 2,340

   (Total Salary). ...................................................... S-BY70 5,150

29. Wendell Bowers, Assistant Professor .............................. C-BY10 820

   (Total Salary). ...................................................... S-BY70 (5,150)

30. James O. Curtis, Assistant Professor ............................. C-BY10 2,340

   (Total Salary). ...................................................... S-BY70 (5,150)
<table>
<thead>
<tr>
<th>Item</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>25.</td>
<td>Robert M. Peart</td>
<td>Assistant Professor</td>
<td>$6,000</td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>26.</td>
<td></td>
<td></td>
<td>$3,000</td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>27.</td>
<td>Errol D. Rodda</td>
<td>Research Associate</td>
<td>$700</td>
<td></td>
</tr>
<tr>
<td>28.</td>
<td>Donald R. Daum</td>
<td>Instructor</td>
<td>$720</td>
<td></td>
</tr>
<tr>
<td>29.</td>
<td>Roland F. Espenschied</td>
<td>Instructor</td>
<td>$1,150</td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>30.</td>
<td>John A. Reploge</td>
<td>Instructor</td>
<td>$4,320</td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>31.</td>
<td>John C. Siemens</td>
<td>Instructor</td>
<td>$2,880</td>
<td>(Total Salary)</td>
</tr>
<tr>
<td>32.</td>
<td>Donald R. Daum</td>
<td>Instructor</td>
<td>$1,250</td>
<td></td>
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<tr>
<td>33.</td>
<td>Roland F. Espenschied</td>
<td>Instructor</td>
<td>$3,300</td>
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**Total, Salaries (21,210)**

### Agricultural Engineering Income Revolving

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<tr>
<th>Account Number</th>
<th>Wages</th>
<th>Expense</th>
<th>Total, Agricultural Engineering Income Revolving</th>
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<tbody>
<tr>
<td>12-15-10-320</td>
<td>S</td>
<td>S</td>
<td>$3,000</td>
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### Cooperative Investigations

#### Illinois Farm Supply — Tractor Maintenance

<table>
<thead>
<tr>
<th>Account Number</th>
<th>John C. Siemens</th>
<th>Instructor</th>
<th>$2,650</th>
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<tbody>
<tr>
<td>44-15-10-342</td>
<td>S-ZDY38</td>
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<td>$2,650</td>
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#### State of Illinois Division of Highways — Highway Drainage Laws and Practices

<table>
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<tr>
<th>Account Number</th>
<th>Carroll J. W. Drablos</th>
<th>Research Associate</th>
<th>$6,800</th>
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<tbody>
<tr>
<td>47-15-10-317</td>
<td>S-DY</td>
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<td>$6,800</td>
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#### State of Illinois Division of Highways — Roadside Cover

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Beverly J. Butler</th>
<th>Assistant Professor</th>
<th>$8,800</th>
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<tbody>
<tr>
<td>47-15-10-374</td>
<td>S-BY</td>
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<td>$8,800</td>
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</table>

### Agricultural Entomology

<table>
<thead>
<tr>
<th>Account Number</th>
<th>George C. Decker</th>
<th>Professor</th>
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<tbody>
<tr>
<td>00-15-12-100</td>
<td>S-ZAY17</td>
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<td>$2,440</td>
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(Also State Natural History Survey)

<table>
<thead>
<tr>
<th>Account Number</th>
<th>H. B. Petty, Jr.</th>
<th>Professor</th>
<th>$5,750</th>
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<tbody>
<tr>
<td>00-15-12-100</td>
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<td>$5,750</td>
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</tbody>
</table>

(Total Salary) $11,500

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Stevenson Moore III</th>
<th>Associate Professor</th>
<th>$7,310</th>
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</thead>
<tbody>
<tr>
<td>00-15-12-100</td>
<td>L-AY25</td>
<td></td>
<td>$7,310</td>
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</table>

(Total Salary) $15,500

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Clarence E. White</th>
<th>Instructor in Agricultural Entomology Extension</th>
<th>$1,500</th>
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</thead>
<tbody>
<tr>
<td>00-15-12-400</td>
<td>L-ZDY25</td>
<td></td>
<td>$1,500</td>
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</table>

(Total Salary) $5,050

**Total, Salaries** $15,700

**Total, Wages, Expense, and Equipment** $247,885
## Cooperative Investigations

**U.S.D.A. A 6 EQ 52 — Plant Pest Control**

Account Number 46-15-12-41

1. Clarence E. White, Instructor in Agricultural Entomology Extension .......................... E-ZDY75 $ 4,450

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**Agronomy**

Account Number 00-15-15-100; College 00-15-15-100; Station 00-15-15-300; Extension 00-15-15-400

1. Morel B. Russell, Professor of Soil Physics and Head of Department .......................... (C-AY40) $ 8,000
   
   (Total Salary) ........................................... (20,000)

2. Samuel R. Aldrich, Professor of Soil Fertility Extension ........................................ (C-AY50) 6,500
   
   (Total Salary) ........................................... (16,500)

3. F. C. Bauer, Professor, *Emeritus* ........................................ (E-AY40)
   
   (Total Salary) ........................................... (13,500)

4. O. T. Bonnett, Professor of Plant Morphology ...................................................... (S-AY80) 10,000
   
   (Total Salary) ........................................... (12,000)

5. Roger H. Bray, Professor of Soil Fertility ............................................................ (S-AY80) 9,400
   
   (Total Salary) ........................................... (12,300)

   (On leave with pay six months from March 1, 1961)

6. E. E. DeTurk, Professor, *Emeritus* ................................................................. (C-AY40)

7. George H. Dungan, Professor, *Emeritus* ............................................................ (C-AY20) 2,300
   
   (Total Salary) ........................................... (11,000)

8. E. B. Earley, Professor of Plant Physiology ......................................................... (S-AY80) 9,200
   
   (Total Salary) ........................................... (11,300)

9. James W. Gerdemann, Professor of Plant Pathology .................................................. ZAY

10. J. E. Giesekling, Professor of Soil Chemistry ....................................................... (S-AY80) 8,800
    
    (Total Salary) ........................................... (11,000)

11. J. C. Hackleman, Professor, *Emeritus* ............................................................... L-R

12. John B. Hanson, Professor of Plant Physiology ....................................................... (S-ZAY80) 8,800
    
    (Total Salary) ........................................... (11,000)


14. Joseph A. Jackobs, Professor of Crop Production ................................................... (S-AY80) 9,360
    
    (Total Salary) ........................................... (11,700)

15. Walter C. Jacob, Professor of Biometry and Data Processing .................................... (S-AY80) 6,750
    
    (Total Salary) ........................................... (13,500)

16. R. W. Jugenheimer, Professor of Plant Genetics ..................................................... C-ZAY

17. Benjamin Koehler, Professor, *Emeritus* .............................................................. C-ZR

18. L. T. Kurtz, Professor of Soil Fertility ....................................................................... (S-AY80) 9,600
    
    (Total Salary) ........................................... (12,000)

19. A. L. Lang, Professor of Soil Fertility ........................................................................ E-AY25 3,800
    
    (Total Salary) ........................................... (12,000)

20. John R. Laughman, Professor of Plant Genetics ......................................................... ZA

21. Earl R. Leng, Professor of Plant Breeding and Genetics ........................................... (C-AY20) 2,400
    
    (Total Salary) ........................................... (12,000)

   (On leave without pay September 1, 1960, to March 1, 1961, and with pay six months from March 1, 1961)

22. C. M. Linsley, Professor of Soil Extension, *Emeritus* .......................................... L-R

23. Sigurd W. Melsted, Professor of Soil Chemistry ....................................................... (S-AY80) 9,600
    
    (Total Salary) ........................................... (12,000)
24. Russell T. Odell, Professor of Soil Pedology. ...........
   (Total Salary) ...........................................
   C-A | E-AY2o | S-Ay| (14 500)
        2 900

25. Walter O. Scott, Professor of Crop Extension. ...........
   (Total Salary) ...........................................
   E-AY5o | L-AY5o | (5 500)
         5 500

26. O. H. Sears, Professor, Emeritus. .....................
   (Total Salary) ...........................................
   C-AY25 | S-Ay5o | E-AY25 | (11 000)
          3 000

27. R. S. Smith, Professor, Emeritus. .......................
   (Total Salary) ...........................................
   C-R | C-AY25 | S-Ay5o | E-AY25 | (14 500)
      3 000

28. Edward H. Tyner, Professor of Soil Fertility. .........
   (Total Salary) ...........................................
   C-AY25 | S-Ay5o | E-AY25 | (14 500)
      3 000

29. D. C. Wimer, Professor of Soil Science. ...............
   (Total Salary) ...........................................
   C-A | S-Ay8o | (12 000)
      10 500

30. Denton E. Alexander, Associate Professor of Plant Genetics.
   (Total Salary) ...........................................
   C-AY5o | S-Ay5o | (10 700)
        5 350

31. Alvin H. Beavers, Associate Professor of Soil Mineralogy.
   (Total Salary) ...........................................
   C-AY25 | S-Ay8o | (10 000)
        2 000

32. Charles M. Brown, Associate Professor of Plant Breeding.
   (Total Salary) ...........................................
   S-Ay | C-AY8o | (11 000)
       8 500

33. Ambrose W. Burger, Associate Professor. ...............
   (Total Salary) ...........................................
   C-AY20 | S-Ay20 | (10 000)
       2 200

34. J. B. Fehrenbacher, Associate Professor of Pedology.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (10 000)
       2 080

35. Henry H. Hadley, Associate Professor of Plant Genetics.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (10 000)
       8 320

36. Richard H. Hageman, Associate Professor of Plant Physiology.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (10 000)
       2 140

37. Carl N. Hittle, Associate Professor of Plant Breeding.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (10 000)
       8 720

38. Arthur L. Hooker, Associate Professor. ...............
   (Total Salary) ...........................................
   C-ZAY | S-Ay8o | (10 000)
       2 140

39. Arnold Klute, Associate Professor of Soil Physics.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (10 000)
       8 560

40. J. W. Pendleton, Associate Professor. .................
   (Total Salary) ...........................................
   S-Ay5o | E-AY5o | (9 000)
       4 750

41. Doyle B. Peters, Associate Professor of Soil Physics.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (3 000)
       2 160

42. Fred W. Slife, Associate Professor of Crop Production.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (10 000)
       8 500

43. R. S. Stauffer, Associate Professor, Emeritus. .......
   (Total Salary) ...........................................
   S-R | S-Ay8o | (10 000)
      8 500

44. Frank J. Stevenson, Associate Professor of Soil Chemistry.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (10 000)
      2 140

45. Ernest D. Walker, Associate Professor, Emeritus.
   (Total Salary) ...........................................
   E-R | S-Ay8o | (9 000)
      9 300

46. Herman L. Wascher, Associate Professor of Pedology.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (9 000)
      1 860

47. Roland O. Weibel, Associate Professor of Plant Breeding.
   (Total Salary) ...........................................
   C-AY20 | S-Ay8o | (9 000)
      7 440

48. John D. Alexander, Assistant Professor of Pedology.
   (Total Salary) ...........................................
   S-BY | S-BY25 | (8 200)
      3 500

49. Jack V. Baird, Assistant Professor of Soil Extension.
   (Total Salary) ...........................................
   E-BY5o | L-BY2o | (8 200)
      6 560

50. C. H. Farnham, Assistant Professor of Crop Production and Soil Fertility.
   (Total Salary) ...........................................
   S-BY | S-BY25 | (8 200)
      8 500

51. Ellery L. Knake, Assistant Professor of Crop Extension.
   (Total Salary) ...........................................
   E-BY25 | L-BY5o | (8 200)
      2 175
52. Robert W. Howell, Assistant Professor .......................... C-BY
53. P. E. Johnson, Assistant Professor of Soil Fertility .......... [S-BY50] 4 250
(Total Salary) ................................................. [E-BY50] 4 250
54. James C. Laverty, Assistant Professor of Soil Chemistry Extension ................................................. E-BY75 8 800
(Total Salary) ................................................. L-BY25 1 050
55. Lloyd J. McKenzie, Assistant Professor of Pedology Extension ................................................. E-BY50 4 150
(Total Salary) ................................................. L-BY50 1 150
56. L. B. Miller, Assistant Professor of Soil Fertility ............ S-BY 7 900
57. Earl B. Patterson, Assistant Professor of Plant Genetics (Total Salary) ................................................. H-BY55 4 310
................................................................. R-BY45 3 690
58. Burton W. Ray, Assistant Professor of Pedology .................. [S-BY40] 3 040
(Total Salary) ................................................. H-BY60 4 560
59. Burns R. Sabey, Assistant Professor of Soil Microbiology (Total Salary) ................................................. C-BY50 4 100
................................................................. S-BY50 4 100
60. Robert D. Scif, Assistant Professor of Biometry ............... (Total Salary) ................................................. C-BY33 2 700
................................................................. S-BY67 5 500
61. H. J. Snider, Assistant Professor, Emeritus ..................... S-R
62. Alfred T. Tute, Assistant Professor, Emeritus .................. E-R
63. Alfred U. Thor, Assistant Professor, Emeritus .................. E-R
64. Joseph T. Woolley, Assistant Professor of Plant Physiology (Total Salary) ................................................. C-BY
65. ————, Assistant Professor of Soil Microbiology ............... (Total Salary) ................................................. C-BY40 2 040
................................................................. S-BY60 4 410
66. ————, Assistant Professor of Soils ............................. (Total Salary) ................................................. E-DY80 5 880
................................................................. L-DY20 1 470
67. C. J. Badger, Associate, Emeritus ................................ S-R
68. David R. Browning, Research Associate ............................ (Also Southern Illinois University) (Total Salary) ................................................. S-DY50 3 800
69. Maw Shiu Wang, Research Associate in Soil Chemistry ....... (Total Salary) ................................................. S-DY80 4 800
................................................................. H-DY20 1 200
................................................................. L-DY20 1 000
70. Lester V. Boone, Assistant in Soil Fertility ..................... S-DY 5 000
71. Charles A. Ghoslon, Assistant in Soil Fertility ................. S-DY 5 000
72. Shanti S. Khanna, Assistant ................................. S-DY 4 800
73. Derrel L. Mulvany, Assistant in Soil Fertility ................. S-DY 5 600
74. Melvin L. Peasley, Assistant ................................. H-ZDY50 2 500
(Total Salary) .................................................. (5 000)
75. 1.75 Full Time Equivalent Assistants ........................... C-DY 9 000
76. 1.50 Full Time Equivalent Assistants ........................... S-DY 7 925
Nonacademic Salaries ........................................... C 13 170
Nonacademic Salaries ........................................... S 122 840
Total, Salaries ................................................... (611 015)
Wages .................................................................. C 3 700
Wages .................................................................. S 13 200
Expense .................................................................. C 4 300
Expense .................................................................. S 72 915
Equipment ................................................................ C 1 500
Equipment ................................................................ S 10 000
Total, Wages, Expense, and Equipment .............................. (715 815)
Total, Agronomy .......................................................... $716 830
Corn Testing Revolving
Account Number 12-15-15-311
Nonacademic Salaries ........................................... S 5 400
Total, Salaries ...................................................... $5 400
Wages .................................................................. S 5 000
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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**Central Illinois Seed Increase Revolving**

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<td>S 500</td>
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<td><strong>Total, Central Illinois Seed Increase Revolving</strong></td>
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**Northern Illinois Experiment Field Revolving**

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**Soil Testing Revolving**

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<tr>
<td>Wages</td>
<td>V 1,000</td>
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<tr>
<td>Expense</td>
<td>V 2,000</td>
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<tr>
<td>Equipment</td>
<td>E 500</td>
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<td><strong>Total, Soil Testing Revolving</strong></td>
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**Cooperative Investigations**

**DEKALB AGRICULTURAL ASSOCIATION — DWF CORN**

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<td>Account Number 44-15-15-315</td>
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<tr>
<td>1. Melvin L. Peasley, Assistant</td>
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**ROCKEFELLER FOUNDATION — MAIZE POLYPLOIDS**

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<td>1. Charles Levings III, Assistant</td>
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**Animal Science**

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<tr>
<td>1. O. Burr Ross, Professor and Head of Department</td>
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<tr>
<td>(Total Salary)</td>
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<tr>
<td>2. Donald E. Becker, Professor</td>
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<tr>
<td>(Total Salary)</td>
<td>S-ZAY50</td>
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<tr>
<td>3. Sleeter Bull, Professor, Emeritus</td>
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<td>(Total Salary)</td>
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<td>4. Leslie E. Card, Professor, Emeritus</td>
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<td>5. J. L. Edmonds, Professor, Emeritus</td>
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<td>6. Richard M. Forbes, Professor of Animal Nutrition</td>
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<td>(Total Salary)</td>
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<td>8. Tom S. Hamilton, Professor of Animal Nutrition</td>
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<td>11. Joseph Kastelic, Professor of Animal Nutrition</td>
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<td>13</td>
<td>A. V. Nalbandov, Professor of Animal Physiology</td>
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<td>Alvin L. Neumann, Professor</td>
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<td>Horace W. Norton, Professor of Agricultural Statistical Design and Analysis</td>
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<td>Elmer Roberts, Professor, Emeritus</td>
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<td>H. G. Russell, Professor of Animal Science Extension</td>
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<td>Harold M. Scott, Professor</td>
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<td>19</td>
<td>Stanley W. Terrill, Professor (On disability leave without pay—University Retirement System)</td>
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<td>H. W. Bean, Associate Professor</td>
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<td>Donald J. Bray, Associate Professor</td>
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<td>B. C. Breidenstein, Associate Professor</td>
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<td>23</td>
<td>George R. Carlisle, Associate Professor of Animal Science Extension</td>
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<td>C. W. Crawford, Associate Professor, Emeritus</td>
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<td>25</td>
<td>H. H. Draper, Associate Professor of Animal Nutrition</td>
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<td>26</td>
<td>Aldon H. Jensen, Associate Professor</td>
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<td>Ben A. Rasmussen, Associate Professor of Animal Genetics</td>
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<td>Samuel F. Ridlen, Associate Professor of Poultry Extension</td>
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<td>George Wolf, Associate Professor of Animal Nutrition</td>
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<td>Waco W. Albert, Assistant Professor</td>
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<td>Philip J. Dziuk, Assistant Professor</td>
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<td>Efton E. Hatfield, Assistant Professor</td>
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<td>Sorab P. Mistry, Assistant Professor of Animal Nutrition</td>
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<td>George E. Mitchell, Jr., Assistant Professor</td>
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<td>J. Elton Zimmerman, Assistant Professor</td>
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<td>36</td>
<td>————, Assistant Professor</td>
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<td>Mei-Ling Wu Chang</td>
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<td>Marjorie Edman</td>
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<td>Terry R. Greathouse</td>
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<td>Donald L. McMahan</td>
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**Animal Science Income Revolving**

Account Number 12-15-20-320

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**Total, Wages, Expense, and Equipment**

$641,700

**Total, Animal Science Revolving**

$125,000

**Cooperative Investigations**

**Hoffman-La Roche — C14 Biotin**

Account Number 44-15-20-336

1. Maria A. Grillo, Research Associate

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**Muscular Dystrophy — Vitamin E in Rats**

Account Number 44-15-20-353

1. Agnes Cailan, Research Associate

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**National Vitamin Foundation — C14 Biotin**

Account Number 44-15-20-362

1. Maria A. Grillo, Research Associate

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**U.S. Air Force 130**

Account Number 46-15-20-301

1. Garmond S. Smith, Research Associate

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**U.S. Atomic Energy Commission Project 2**

Account Number 46-15-20-306

1. Mei-Ling Wu Chang, Research Associate in Animal Nutrition

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<th>S-ZDY18</th>
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### U.S. Atomic Energy Commission 677
Account Number 46-15-20-308
1. K. Dakshinamurti, Research Associate.................................. S-DY $ 6,000

### U.S. National Science Foundation G8681
Account Number 46-15-20-358
1. Shantilal N. Shah, Research Assistant.................................. S-DY $ 5,200

### U.S. National Science Foundation G8962
Account Number 46-15-20-359
1. Debajit K. Biswas, Research Assistant.................................. S-DY $ 5,200

### U.S. Public Health Service 1771
Account Number 46-15-20-367
1. Carol H. Lowe, Assistant.................................................. S-DY $ 4,650

### County Farm Extension
Account Number 00-15-25-400
1. W. G. Kammlade, State Leader of Farm Advisers, Emeritus................................................................. ZR C-AY30 $ 3,600
2. Ernest W. Anderson, Professor of Agricultural Extension, Emeritus................................................................. E-AY30 3,600
3. J. D. Blisborrow, Professor of Agricultural Extension, Emeritus................................................................. E-R
4. F. E. Longmire, Professor of Agricultural Extension, Emeritus................................................................. E-ZAY
5. W. D. Murphy, Professor of Agricultural Extension................................................................. E-ZAY50 (5,100)
6. Lawrence J. Biever, Associate Professor of Agricultural Extension 4-H Club Work................................................................. L-ZAY50 (5,100)
7. Henry R. Brunnemeyer, Associate Professor, Emeritus................................................................. E-R
8. W. F. Coolidge, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension......................................................... E-AY40 4,300
9. Harold H. Gordon, Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension......................................................... E-AY50 5,375
10. D. M. Hall, Associate Professor of Agricultural Extension......................................................... E-AY50 4,750
11. W. F. Lomasney, Associate Professor of Agricultural Extension......................................................... E-AY50 6,900
12. Richard O. Lyon, Associate Professor of Agricultural Extension 4-H Club Work......................................................... E-AY50 5,250
13. L. E. McKinzie, Associate Professor, Emeritus................................................................. E-ZAY35 (3,850)
14. E. H. Regnier, Associate Professor of Rural Recreation................................................................. E-AY40 4,400
15. Oren L. Whalin, Associate Professor, Emeritus................................................................. E-R
16. Assistant State Leader of Farm Advisers and Associate Professor of Agricultural Extension......................................................... E-AY50 5,250
17. Edward J. Barnes, Assistant State Leader of Farm Advisers and Assistant Professor of Agricultural Extension......................................................... L-BY40 4,000
18. Gerhard Christenson, Assistant State Leader of Farm Advisers and Assistant Professor of Agricultural Extension......................................................... L-BY50 5,000
19. F. H. Mynard, Assistant Professor of Agricultural 4-H Club Work......................................................... L-BY50 5,390

(Total Salary)................................................................. (1,200)

(Total Salary)................................................................. (9,750)

(Total Salary)................................................................. (11,500)

(Total Salary)................................................................. (10,500)

(Total Salary)................................................................. (10,500)

(Total Salary)................................................................. (5,750)

(Total Salary)................................................................. (1,100)

(Total Salary)................................................................. (10,500)

(Total Salary)................................................................. (10,500)

(Total Salary)................................................................. (10,500)

(Total Salary)................................................................. (8,600)
20. Fay H. Root, Assistant Professor of Camp and Park Management. (Total Salary)  E-ZBY50 4 400
21. G. William Stone, Assistant Professor of Agricultural 4-H Club Work. (Total Salary)  L-BY40 3 360
22. Hubert J. Wetzel, Assistant Professor of Agricultural 4-H Club Work. (Total Salary)  L-BY40 3 500
23. George L. Daigh, Jr., Instructor in Agricultural 4-H Club Work. (Total Salary)  L-DY50 7 500
24. Fred L. Haegel, Instructor in Agricultural 4-H Club Work. (Total Salary)  L-DY20 1 200
25. O. L. Hogsett, Safety Specialist with rank of Instructor in Agricultural Extension. (Total Salary)  L-DY50 7 250
26. Ruth E. Dickens, Assistant in Rural Recreation. (Total Salary)  L-DY50 2 800
27. William J. Mount, Food Merchandising and Consumer Education Specialist with rank of Instructor. (Total Salary)  L-DY 7 000
28. 99 Farm Advisers (48.35 Full Time Equivalent). (Total Salary)  L-ZDY 143 550
29. 72 Assistant Advisers (44.32 Full Time Equivalent). (Total Salary)  L-ZDY 82 965
30. 17 Assistants in Farm and Home Development (12.42 Full Time Equivalent). (Total Salary)  L-ZDY 400 900
31. 1 Assistant in Rural Development (1.00 Full Time Equivalent). (Total Salary)  L-ZDY 6 650

**Nonacademic Salaries.**

**Total, County Farm Extension**  845 730

**Auxiliary — 4-H Memorial Camp Operation**

Account Number 18-15-25-780
Nonacademic Salaries.  4 860
Total, Salaries.  4 860
Wages.  10 000
Expense.  24 000
Equipment.  1 500
Total, Wages, Expense, and Equipment.  35 500
Total, Auxiliary — 4H Memorial Camp Operation.  40 360

**County Farm Bureau — Farm Advisers**

Account Number 44-15-25-400
1. 99 Farm Advisers (33.34 Full Time Equivalent)  E-ZDY 276 336
2. 51 Assistant Advisers (12.50 Full Time Equivalent)  E-ZDY 68 304
3. 7 Assistants in Farm and Home Development (82 Full Time Equivalent)  E-ZDY 5 352
Total, County Farm Bureau — Farm Advisers.  349 992

**County Home Extension**

Account Number 00-15-30-400
1. Martha L. Dunlap, Professor of Home Economics Extension.  E-ZAY
2. Lulu S. Black, Professor, Emerita.  E-R
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<th>1448</th>
<th>BOARD OF TRUSTEES</th>
<th>June 14</th>
</tr>
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</table>

3. Gertrude E. Kaiser, Assistant State Leader of Home Advisers and Associate Professor of Home Economics [E-AY75] $7,125
   (Total Salary). [L-AY25] (2,375)

4. Mary S. Ligon, Assistant State Leader of Home Advisers [E-AY50] 4,750
   and Associate Professor of Home Economics Extension [L-AY50] (4,750)
   (Total Salary). (9,500)

5. Anna W. Searl, Associate Professor, Emerita [E-R] ........................

6. Erma Cottingham, Assistant Professor, Emerita [E-R] ........................

7. Jeannette B. Dean, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension [E-BY75] 6,300
   (Total Salary) [L-BY25] (2,100)

8. Cleo Hall, Assistant State Leader of Home Advisers and Associate Professor of Home Economics Extension [E-BY75] 6,075
   (Total Salary) [L-BY25] (2,025)

9. Florence Kimmelsheue, Assistant Professor of Home Economics 4-H Club Work [E-BY50] 4,250
   (Total Salary) [L-BY50] (4,250)

10. Mary A. Mc Kee, Assistant Professor, Emerita [E-R] ........................

11. Anita Smith, Administrative Assistant to State Leader of Home Advisers and Assistant Professor of Home Economics Extension [E-BY50] 4,200
    (Total Salary) [L-BY50] (4,200)

12. Marian Sympon, Assistant State Leader of Home Advisers and Assistant Professor of Home Economics Extension [E-BY60] 4,920
    (Total Salary) [L-BY40] (3,280)

13. Arlene Wolfram, Assistant Professor of Home Economics 4-H Club Work [E-BY50] 3,750
    (Total Salary) [L-BY50] (3,750)

14. Alice P. Hare, Instructor in Home Economics 4-H Club Work [E-DY50] 3,150
    (Total Salary) [L-DY50] (3,150)

    (Total Salary) [L-DY35] (2,425)

16. [E-DY80] 4,800
    (Total Salary) [L-DY20] (1,200)

17. 95 Home Advisers (60.13 Full Time Equivalent) [E-ZDY] 367,800

18. 95 Home Advisers (27.00 Full Time Equivalent) [L-ZDY] (165,200)

19. Total, All Funds (95.00 Full Time Equivalent) (581,144)

20. 36 Assistant Advisers (23.34 Full Time Equivalent) [E-ZDY] 1,111,300

21. 36 Assistant Advisers (16.61 Full Time Equivalent) [L-ZDY] (50,170)

22. Total, All Funds (170,230)

Nonacademic Salaries

Total, Salaries [E] (565,715)

Total, County Home Extension

County Home Bureau — Home Advisers

Account Number 44-15-30-400
1. 69 Home Advisers (7.87 Full Time Equivalent) [E-ZDY] $48,144
2. 21 Assistant Advisers (1.85 Full Time Equivalent) [E-ZDY] 8,760

Total, County Home Bureau — Home Advisers $56,904

Dairy Science

Account Number 00-15-35-100; College 00-15-35-100; Station 00-15-35-300; Extension 00-15-35-400
1. G. W. Salisbury, Professor of Dairy Science and Head of Department [C-AY40] $7,800
   [S-AY40] 7,800
   [E-AY20] 3,900
   (Total Salary) (19,500)
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<td>2.</td>
<td>Harry P. Broquist</td>
<td>Professor of Biological Chemistry</td>
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<td>Karl E. Gardner</td>
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<td>5.</td>
<td>K. A. Kendall</td>
<td>Professor of Dairy Science</td>
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<td>Willard O. Nelson</td>
<td>Professor of Bacteriology</td>
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<td>Carl Lee Davis</td>
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<td>22.</td>
<td>Gerhard W. Harpestad</td>
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<td>Meyer J. Wolin</td>
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</table>
25. Ralph V. Johnson, Instructor in Dairy Science Extension
   (Total Salary) ..............................................

26. Ralph V. Johnson, Assistant Professor...
   (Total Salary) ..............................................

27. Ralph V. Johnson, Assistant...
   (Total Salary) ..............................................

28. 2.75 Full Time Equivalent Assistants
   (Total Salary) ..............................................

29. 2.75 Full Time Equivalent Assistants
   (Total Salary) ..............................................

Nonacademic Salaries

TOTAL, DUTY

Wages

Expense

Equipment

TOTAL, WAGES, EXPENSE, AND EQUIPMENT

TOTAL, DUTY

Dairy Official Testing Revolving

Account Number 12-15-35-316

Nonacademic Salaries

TOTAL, SALARIES

Wages

Expense

Equipment

TOTAL, WAGES, EXPENSE, AND EQUIPMENT

TOTAL, DUTY

Cooperative Investigations

ROCKEFELLER FOUNDATION - FUNDAMENTAL BIOLOGY

Account Number 44-15-35-373

1. J. Robert Lodge, Assistant Professor of Physiology....

ILLINOIS DAIRY PRODUCTS - CREAM QUALITY

Account Number 44-15-35-440

1. P. P. Somers, Assistant Professor...

U.S. NATIONAL SCIENCE FOUNDATION G7499

Account Number 46-15-35-359

1. Charles R. Hoover, Research Associate.

Dixon Springs Experiment Station

Account Number 00-15-40-300; Station 00-15-40-300; Extension 00-15-40-400

1. R. J. Webb, Superintendent and Professor of Agricultural Research and Extension...

2. Manford E. Mansfield, Associate Professor of Veterinary Research...

3. George E. McKibben, Associate Professor of Agricultural Research and Extension...

4. H. A. Cate, Assistant Professor of Agricultural Extension...
5. George F. Cmarik, Assistant Professor of Agricultural Research
   (Total Salary) ................................................. S-BY 7,800
   (Perquisites Employee — housing) ............................ (300)

6. Leland E. Gard, Assistant Professor of Agricultural Research
   (Total Salary) ................................................. S-BY 8,100
   (Perquisites Employee — housing) ............................ (400)

7. Alvan R. Gilmore, Assistant Professor of Forestry
   (Total Salary) ................................................. S-ZBY45 3,735
   (Perquisites Employee — housing) ............................ (600)

8. John M. Lewis, Acting Superintendent and Assistant Professor of Agricultural Research
   (Total Salary) ................................................. S-BY 10,000
   (Perquisites Employee — housing) ............................ (300)

9. Robert E. Nelson, Associate Extension Forester
   (Total Salary) ................................................. S-ZBY 7,350
   (Perquisites University — housing) ............................ (500)

10. J. Wilson Courter, Research Associate in Horticulture
    (Total Salary) .............................................. S-ZDY25 1,750
    (Perquisites Employee — housing) .......................... (800)

11. F. C. Hinds, Research Associate
    (Total Salary) .............................................. S-DY 7,200
    (Perquisites Employee — housing) .......................... (300)

Nonacademic Salaries

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<td>S</td>
<td>Equipment</td>
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Total, Wages, Expense, and Equipment

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<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
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<td>S</td>
<td>Total, Dixon Springs Experiment Station</td>
<td>$268,170</td>
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Food Technology

Account Number 00-15-50-100; College 00-15-50-100; Station 00-15-50-300

1. Reid T. Milner, Professor and Head of Department
   (Total Salary) .............................................. S-AY80 14,000

2. Ernest O. Herreid, Professor of Dairy Technology
   (Total Salary) .............................................. S-AY80 9,440

3. Louis B. Howard, Professor
   (Total Salary) .............................................. C-ZAY 2,480

4. Fred A. Kummerow, Professor of Food Chemistry
   (Total Salary) .............................................. S-AY80 9,920

5. Alvin I. Nelson, Professor of Food Processing
   (Total Salary) .............................................. S-AY40 4,880

6. Z. John Ordal, Professor of Food Microbiology
   (Total Salary) .............................................. S-AY80 2,440

7. F. H. Tracy, Professor, Emeritus
   (Total Salary) .............................................. S-AY80 9,760

8. S. L. Tuckey, Professor of Dairy Technology
   (Total Salary) .............................................. S-AY20 2,440

9. Robert M. Whitney, Professor of Dairy Technology
   (Total Salary) .............................................. S-AY70 8,540

10. Marvin P. Steinberg, Associate Professor of Food Engineering
    (Total Salary) .............................................. S-AY70 6,895

11. Joseph Tobias, Associate Professor of Dairy Technology
    (Total Salary) .............................................. S-AY40 5,910

12. Lloyd D. Witter, Assistant Professor of Food Microbiology
    (Total Salary) .............................................. S-BY70 2,205

13. Mitsuru Uchiyama, Research Associate
    (Total Salary) .............................................. S-DY 5,500

14. Toshio Uchiyama, Research Associate in Food Industry
    (Total Salary) .............................................. S-DY 5,500
16. John N. McGill, Instructor ................................. (C-DY20 S-DY80 1 480 5 920 7 400)
    (Total Salary) .................................................

17. Hans Riemann, Assistant ..................................... H-DY 6 500
18. 0.75 Full Time Equivalent Assistants ...................... C-DY 3 750
19. 3.75 Full Time Equivalent Assistants ...................... S-DY 19 780

Nonacademic Salaries ..............................................

Nonacademic Salaries ..............................................

Total, Salaries ..................................................... (201 310)

Wages ................................................................. S 2 880
Expense ............................................................. C 5 220
Expense ............................................................. S 13 200
Equipment ........................................................... C 6 000
Equipment ........................................................... S 6 000

Total, Wages, Expense, and Equipment ...........................(33 300)

Total, Food Technology ............................................ $234 610

Cooperative Investigations

- ILLINOIS HEART ASSOCIATION — DIETARY CHOLESTEROL
  Account Number 44-15-50-340
    1. Patricia V. Johnston, Assistant Professor .......... S-ZDY70 $ 5 400 (7 850)
       (Total Salary) .............................................

- U.S. ARMY QUARTERMASTER 1332
  Account Number 46-15-50-314
    1. Lun-Shin Wei, Research Associate .................. D-Y $ 5 870

- U.S. PUBLIC HEALTH SERVICE 1819
  Account Number 46-15-50-366
    1. Mohan Kokatnur, Research Associate ............... S-DY $ 6 000
    2. Hideo Tauchiyaama, Research Associate .......... S-DY 6 000
       Total, U.S. Public Health Service 1819 ........... $12 000

- U.S. PUBLIC HEALTH SERVICE A1671
  Account Number 46-15-50-369
    1. V. R. Bhalerao, Assistant Professor ............... S-ZDY75 $ 5 890 (7 850)
       (Total Salary) .............................................
    2. Isao Kitagawa, Research Associate ................. S-DY 5 500
       Total, U.S. Public Health Service A1671 ........... $11 390

- U.S. PUBLIC HEALTH SERVICE H3063
  Account Number 46-15-50-371
    1. Toshiro Nishida, Assistant Professor ............... S-ZDY75 $ 5 890 (7 850)
       (Total Salary) .............................................
    2. Noritaka Watada, Research Associate ............... S-DY 5 500
       Total, U.S. Public Health Service H3063 ........... $11 390

- U.S. PUBLIC HEALTH SERVICE 5368
  Account Number 46-15-50-372
    1. V. R. Bhalerao, Assistant Professor ............... S-ZDY25 $ 1 960
    2. Patricia V. Johnston, Assistant Professor ........ S-ZDY30 2 450
    3. Toshiro Nishida, Assistant Professor ............... S-ZDY25 1 960
       Total, U.S. Public Health Service 5368 ........... $ 6 370

Forestry

Account Number 00-15-55-100; College 00-15-55-100; Station 00-15-55-300; Extension 00-15-55-400

- J. Nelson Spaeth, Professor and Head of Department ................................. [C-AY35 S-AY40 6 125 7 900 14 025]
       (Total Salary) ............................................. [E-AY25 4 375 17 500]

- William R. Boggess, Professor ................................ [C-AY70 S-AY30 8 400 3 600 12 000]
       (Total Salary) ............................................. [H-AY60 7 320 12 200]

- Ralph W. Lorenz, Professor ................................... [C-AY40 4 880]
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<th>Position</th>
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<tr>
<td>Charles S. Walters</td>
<td>Professor of Wood Technology and Utilization</td>
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<tr>
<td>L. B. Culver</td>
<td>Associate Professor of Forestry Extension</td>
<td>$5,450</td>
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<td>Israel I. Holland</td>
<td>Associate Professor of Forestry Economics</td>
<td>$4,000</td>
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<tr>
<td>R. G. Rennels</td>
<td>Associate Professor</td>
<td>$8,030</td>
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<tr>
<td>W. Freeman Bulkley</td>
<td>Associate Extension Forester with rank of Assistant Professor</td>
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<td>Howard W. Fox</td>
<td>Assistant Professor</td>
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<tr>
<td>Alvan R. Gilmore</td>
<td>Assistant Professor</td>
<td>$5,910</td>
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<tr>
<td>John K. Guilder</td>
<td>Associate Professor of Wood Technology and Utilization</td>
<td>$3,645</td>
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<tr>
<td>Robert E. Nelson</td>
<td>Associate Extension Forester with rank of Assistant Professor</td>
<td>$4,960</td>
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<td>Charles E. Olson, Jr.</td>
<td>Assistant Professor</td>
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<tr>
<td>Donald H. Percival</td>
<td>Research Assistant Professor of Wood Technology and Utilization</td>
<td>$3,120</td>
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<tr>
<td>Kenneth R. Peterson</td>
<td>Assistant Professor</td>
<td>$2,800</td>
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<tr>
<td>Duncan A. Harkin</td>
<td>Research Associate</td>
<td>$5,100</td>
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<tr>
<td>Theodore W. Curtin</td>
<td>Assistant Extension Forester with rank of Instructor</td>
<td>$1,725</td>
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<tr>
<td>J. J. Jokela</td>
<td>Instructor and Research Associate</td>
<td>$2,040</td>
</tr>
<tr>
<td>Gary E. Metcalf</td>
<td>Research Assistant</td>
<td>$3,120</td>
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<tr>
<td>Howard W. Fox</td>
<td>Assistant Professor</td>
<td>$2,800</td>
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Nonacademic Salaries: $9,720
Nonacademic Salaries: $4,610
Total, Salaries: $13,235

Total, Wages, Expense, and Equipment: $18,190

Total, Forestry: $155,825

Cooperative Investigations

MRS. C. P. MILLER — SINNERISSIPPI FOREST
Account Number 44-15-55-352

1. Howard W. Fox, Assistant Professor: S-ZBY35 $2,800
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<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tr>
<td>Janice M. Smith</td>
<td>Professor of Nutrition</td>
<td>$7,310</td>
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<td>Head of Department</td>
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<tr>
<td>Kathryn V. Burns</td>
<td>Professor, Emerita</td>
<td>C-R</td>
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<tr>
<td>Julia O. Holmes</td>
<td>Professor of Nutrition</td>
<td>$3,900</td>
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<tr>
<td>Pearl Z. Janssen</td>
<td>Professor</td>
<td>C-A</td>
</tr>
<tr>
<td>Nellie L. Perkins</td>
<td>Professor, Emerita</td>
<td>C-R</td>
</tr>
<tr>
<td>E. Evelyn Smith</td>
<td>Professor, Emerita</td>
<td>C-R</td>
</tr>
<tr>
<td>Frances O. VanDuyne</td>
<td>Professor of Foods</td>
<td>$4,550</td>
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<tr>
<td>Geraldine E. Acker</td>
<td>Associate Professor of Foods</td>
<td>$4,925</td>
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<td>and Nutrition in Home</td>
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<td></td>
<td>Economics Extension</td>
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<tr>
<td>Grace B. Armstrong</td>
<td>Associate Professor, Emerita</td>
<td>C-R</td>
</tr>
<tr>
<td>Harriet T. Barto</td>
<td>Associate Professor of Dietetics</td>
<td>C-A</td>
</tr>
<tr>
<td>Mildred Bonnell</td>
<td>Associate Professor</td>
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<tr>
<td>Pauline N. Brimhall</td>
<td>Associate Professor of Health Education</td>
<td>L-AY50</td>
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<tr>
<td>Fannie M. Brooks</td>
<td>Associate Professor, Emerita</td>
<td>C-R</td>
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<tr>
<td>Ruth C. Freeman</td>
<td>Associate Professor, Emerita</td>
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<tr>
<td>Ruth L. Galbraith</td>
<td>Associate Professor</td>
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<tr>
<td>Margaret R. Goodyear</td>
<td>Associate Professor</td>
<td>C-A</td>
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<tr>
<td>Edna Walls Hatton</td>
<td>Associate Professor, Emerita</td>
<td>E-R</td>
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<tr>
<td>Dorothy S. Iwig</td>
<td>Associate Professor, Emerita</td>
<td>C-R</td>
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<tr>
<td>Florence M. King</td>
<td>Associate Professor, Emerita</td>
<td>C-R</td>
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<tr>
<td>Margueritte B. Lynch</td>
<td>Associate Professor of Family Life in Home Economics Extension</td>
<td>L-AY55</td>
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<tr>
<td>Helen E. McCullough</td>
<td>Associate Professor</td>
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<tr>
<td>Queenie B. B. Mills</td>
<td>Associate Professor of Child Development</td>
<td>C-A</td>
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<tr>
<td>Elizabeth M. Osman</td>
<td>Associate Professor</td>
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<td>2,000</td>
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<tr>
<td>Catherine M. Sullivan</td>
<td>Associate Professor of Home Management</td>
<td>E-AAY20</td>
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<td>H-AAY80</td>
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<tr>
<td>Lorraine Trebilcock</td>
<td>Associate Professor</td>
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<tr>
<td>Jane Werden</td>
<td>Associate Professor</td>
<td>C-A</td>
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<tr>
<td>Karlyne A. Anspach</td>
<td>Assistant Professor</td>
<td>C-B</td>
</tr>
<tr>
<td>Gertrude L. Borchers</td>
<td>Assistant Professor</td>
<td>S-DY45</td>
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<tr>
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<td>H-DY55</td>
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<tr>
<td>Fern Carl</td>
<td>Assistant Professor, Emerita</td>
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</tr>
<tr>
<td>Virginia Guthrie</td>
<td>Assistant Professor</td>
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<tr>
<td>Beulah A. Hunzicker</td>
<td>Assistant Professor</td>
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<tr>
<td>(Perquisites University — one meal)</td>
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</tbody>
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32. Willis C. Kauffman, Assistant Professor.................. C-B 6 900
33. Glenna H. Lamkin, Assistant Professor.................. C-B 6 500
34. Beula V. McKee, Assistant Professor of Nutrition...... (Total Salary) 5 850
(S-BY75 1 950)
(H-BY25 (7 800)
35. Willie M. Mower, Assistant Professor.................. C-B 7 200
36. Elizabeth M. Nyholm, Assistant Professor............. C-B 6 700
37. K. Virginia Seidel, Assistant Professor of Home Furnishings in Home Economics Extension (Total Salary) 5 200
(E-BY65 2 800)
(L-BY35 (8 000)
38. Clareta Walker, Assistant Professor of Family Life..... (Total Salary) 4 050
(E-BY50 4 050)
(L-BY50 (8 100)
39. Gladys J. Ward, Assistant Professor, Emerita.............. C-R 6 000
40. Helen K. Zvolanek, Assistant Professor.................. C-B 6 300
41. ————, Assistant Professor.............................. C-B 7 700
(Total Salary) ...........................................
42. ————, Assistant Professor.............................. (Total Salary) 2 730
(E-BY35 2 340)
(L-BY35 (5 070)
43. Anne M. Kyle, Research Associate......................... (Total Salary) 9 960
(S-DY15 5 440)
(H-DY85 (6 000)
44. Robbie G. Blakemore, Instructor......................... C-D 5 800
45. Ellen H. Ebersole, Instructor............................ C-D 4 800
46. Nyla M. Gorham, Instructor in Foods and Nutrition in Home Economics Extension (Total Salary) 3 400
(E-DY50 3 400)
(L-DY50 (6 800)
47. Joan C. Graham, Instructor............................. C-ZD75 4 275
(Total Salary) ...........................................
48. Mary O. Hubbard, Instructor............................. C-D 5 400
49. Eloise Lorch, Instructor................................. C-D 5 600
50. Millie V. Martin, Instructor............................. C-D 5 700
51. Marjorie E. Mead, Instructor in Clothing................. (Total Salary) 3 500
(L-DY50 3 500)
52. Lila J. Oderkirk, Instructor............................ C-D 5 100
53. Esther Siemen, Instructor in Clothing.................. (Total Salary) 3 625
(L-DY50 6 250)
54. Robert B. Smith, Instructor in Music.................. C-ZD75 3 200
(Total Salary) ...........................................
55. Marjorie A. Sohn, Instructor............................ (Total Salary) 6 120
(E-DY70 4 620)
(L-DY30 (1 980)
56. Betty A. Street, Instructor............................. C-D 5 000
57. ————, Instructor........................................ C-D 5 100
58. ————, Instructor........................................ C-D 4 800
59. Ruby Adams, Assistant................................ C-D 7 65
60. Helen M. House, Assistant.............................. C-E 4 800
61. Helen Jean Johnson, Assistant........................... (Total Salary) 4 800
(S-DY20 1 100)
(H-DY80 (5 900)
62. Vivian P. Larson, Assistant........................... C-E 4 600
(Perquisites University — one meal)
63. Barbara McGrath, Assistant.......................... (Total Salary) 2 970
(S-DY55 2 970)
(H-DY45 (5 400)
64. Charlotte K. Rhodes, Assistant......................... H-DY (4 800)
65. ————, Assistant.......................................... C-E 3 900
66. 4.00 Full Time Equivalent Assistants.................. C-DY 20 800
Nonacademic Salaries..................................... 37 800
Nonacademic Salaries .................................. $ 10,260

Total, Salaries ........................................... (367,790)

Wages ........................................................ C 5,680

Expense .................................................... C 33,460

Expense .................................................... S 1,700

Equipment .................................................. C 2,200

Equipment .................................................. S 1,500

Total, Wages, Expense, and Equipment .................. (44,540)

Total, Home Economics .................................. $412,330

Home Economics Cafeteria Revolving

Account Number 12-15-60-212

Nonacademic Salaries ...................................... $11,187

Total, Salaries ............................................ (11,187)

Wages ........................................................... 3,313

Expense ....................................................... 2,500

Equipment .................................................... 1,300

Total, Wages, Expense, and Equipment .................. (29,313)

Total, Home Economics Cafeteria Revolving ............ $40,500

Horticulture

Account Number 00-15-65-100; College 00-15-65-100; Station 00-15-65-300; Extension 00-15-65-400

1. Charles J. Birkeland, Professor and Head of Department
   (Total Salary) ........................................... C-AY40, S-AY45, E-AY15
   $6,500

2. H. W. Anderson, Professor, Emeritus
   (Total Salary) ........................................... C-AY30, S-AY70
   3,480

3. Charles Y. Arnold, Professor of Vegetable Crops
   (Total Salary) ........................................... C-AY30, S-AY70
   3,480

4. Arthur S. Colby, Professor, Emeritus
   (Total Salary) ........................................... C-AY30, S-AY70
   3,480

5. M. J. Dorsey, Professor, Emeritus
   (Total Salary) ........................................... C-AY30, S-AY70
   3,480

6. Walter A. Huelsen, Professor, Emeritus
   (Total Salary) ........................................... C-AY30, S-AY70
   3,480

7. James R. Kamp, Professor of Floriculture
   (Total Salary) ........................................... C-AY30, S-AY70
   8,120

8. M. B. Linn, Professor of Plant Pathology
   (Total Salary) ........................................... C-ZAY
   11,600

9. Richard V. Lott, Professor of Pomology
   (Total Salary) ........................................... C-AY20, S-AY80
   2,400

10. J. P. McCollum, Professor of Vegetable Crops
    (Total Salary) .......................................... C-AY30, S-AY70
    7,910

11. V. G. Milum, Professor of Apiculture
    (Total Salary) .......................................... C-ZAY
    11,300

12. Dwight Powell, Professor of Plant Pathology
    (Total Salary) .......................................... C-ZAY
    11,300

13. F. F. Weinard, Professor of Floriculture
    (Total Salary) .......................................... C-AY30, S-AY70
    7,910

14. J. R. Culbert, Associate Professor of Floriculture
    (Total Salary) .......................................... C-AY30, S-AY50
    4,800

15. Daniel F. Dayton, Associate Professor of Plant Breeding
    (Total Salary) .......................................... C-AY45, H-AY55
    4,800

16. Lothar A. Joos, Associate Professor of Climatology
    (Total Salary) .......................................... S-AY
    5,250

17. James B. Mowry, Associate Professor
    (Also Southern Illinois University)
    (Total Salary) .......................................... C-AY25, E-AY25, L-AY50
    10,000

18. Norman F. Oebker, Associate Professor
    (Total Salary) .......................................... C-AY25, E-AY25, L-AY50
    10,000

(On leave with pay six months from September, 1960)
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<th>No.</th>
<th>Name and Title</th>
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<tr>
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<td>Roy K. Simons, Associate Professor of Pomology</td>
<td>(Total Salary) 2,425</td>
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<td>Anson E. Thompson, Associate Professor of Vegetable Crops</td>
<td>(Total Salary) 6,240</td>
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<td>21</td>
<td>John S. Titus, Associate Professor of Pomology</td>
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<td>22</td>
<td>Charles E. Ackerman, Assistant Professor of Floriculture</td>
<td>(Total Salary) 2,025</td>
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<td>23</td>
<td>Herbert C. Barrett, Assistant Professor of Plant Breeding</td>
<td>(Total Salary) 8,600</td>
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<td>24</td>
<td>Harleigh R. Kemmerer, Assistant Professor</td>
<td>(Total Salary) 920</td>
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<td>Joseph C. McDaniel, Assistant Professor</td>
<td>(Total Salary) 7,350</td>
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<td>Frank W. Owen, Assistant Professor</td>
<td>(Total Salary) 5,785</td>
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<td>Ashby M. Rhodes, Assistant Professor</td>
<td>(Total Salary) 8,100</td>
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<td>28</td>
<td>Lee A. Somers, Assistant Professor, Emeritus</td>
<td>(Total Salary) 5,300</td>
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<td>B. L. Weaver, Assistant Professor, Emeritus</td>
<td>(Total Salary) 4,725</td>
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<td>Chester C. Zych, Assistant Professor</td>
<td>(Total Salary) 6,300</td>
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<td>31</td>
<td>__________, Assistant Professor of Vegetable Crops</td>
<td>(Total Salary) 1,470</td>
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<td>Roger W. Hepler, Research Associate in Vegetable Crops</td>
<td>(Total Salary) 7,200</td>
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<td>Robert Alden Miller, Research Associate</td>
<td>(Total Salary) 3,000</td>
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<td>J. Wilson Courter, Instructor</td>
<td>(Total Salary) 6,000</td>
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<td>35</td>
<td>Gail M. Fosler, Instructor in Floriculture</td>
<td>(Total Salary) 1,925</td>
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<td>36</td>
<td>John E. Fucik, Instructor in Pomology</td>
<td>(Total Salary) 1,200</td>
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<td>37</td>
<td>William R. Nelson, Jr., Instructor</td>
<td>(Total Salary) 4,725</td>
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<td>38</td>
<td>Donald C. Saupe, Instructor in Floriculture</td>
<td>(Total Salary) 1,200</td>
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<td>Mary P. Aubertin, Assistant</td>
<td>(Total Salary) 4,800</td>
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<td>0.75 Full Time Equivalent Assistants</td>
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<td>3.00 Full Time Equivalent Assistants</td>
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<td>Nonacademic Salaries</td>
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<td><strong>Total, Horticulture</strong></td>
<td>(Total Salary) 477,560</td>
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Horticulture — Horseradish Research
Account Number 03-15-65-300
Expense ............................................ S $ 5 000
Total, Horticulture — Horseradish Research ............................................ $ 5 000

Cooperative Investigations
STATE OF ILLINOIS DIVISION OF HIGHWAYS — WOODY GROUND COVER
Account Number 47-15-65-393
1. Harleigh R. Kemmerer, Assistant Professor .................. S-ZBY90 $ 8 280

Plant Pathology
Account Number 00-15-68-100; College 00-15-68-100; Station 00-15-68-300
1. Wayne M. Bever, Professor and Head of Department .. [C-AY50] $ 8 250
   (Total Salary) ................................... [S-AY50] $ 8 250
   (Total Salary) ................................... [16 500]
2. Lindsay M. Black, Professor ................................. C-ZA
3. J. Cedric Carter, Professor ................................. C-AV
4. James W. Gerdemann, Professor ............................ [C-ZAY40] 4 600
   (Total Salary) ................................... [S-ZAY60] 6 900
   (Total Salary) ................................... [11 500]
5. David Gottlieb, Professor ................................. [C-AV20] 2 640
   (Total Salary) ................................... [S-AY80] 10 560
   (Total Salary) ................................... [13 200]
6. Benjamin Koehler, Professor, Emeritus .................. S-ZR
7. Maurice B. Linford, Professor ............................ [C-AV20]
   (Total Salary) ................................... [S-AY80] 9 440
   (Total Salary) ................................... [11 800]
8. M. B. Linn, Professor .................................. [C-ZAY20] 2 540
   (Total Salary) ................................... [S-ZAY80] 9 840
   (Total Salary) ................................... [12 300]
9. Dwight Powell, Professor ................................. [C-AV20] 2 440
   (Total Salary) ................................... [S-AY80] 9 760
   (Total Salary) ................................... [12 200]
10. H. H. Thornberry, Professor ............................... [C-AV20]
   (Total Salary) ................................... [S-AY80] 9 160
   (Total Salary) ................................... [12 000]
   (On leave with pay six months from March 1, 1961)
11. Arthur L. Hooker, Associate Professor .................. [C-ZAY20] 2 000
   (Total Salary) ................................... [S-ZAY80] 8 000
   (Total Salary) ................................... [10 000]
12. Michael P. Butler, Assistant Professor of Plant Pathology .. [E-BY67] 5 575
   (Total Salary) ................................... [L-BY33] 2 725
   (Total Salary) ................................... [8 250]
13. Donald W. Chamberlain, Assistant Professor ......... C-BY
14. Jeweus Craig, Research Associate ......................... H-ZDY40 (2 520)
   (Total Salary) ................................... (6 300)
15. Helen C. Hechler, Assistant .............................. S-DY
16. Mary R. Phillippe, Research Assistant .................. [R-DY50] 2 400
   (Total Salary) ................................... [H-DY30] 2 400
   (Total Salary) ................................... (4 800)
17. 0.75 Full Time Equivalent Assistants .................. C-DY
18. 0.65 Full Time Equivalent Assistants ................. S-DY
   Nonacademic Salaries .......................................... C 7 860
   Total, Salaries ........................................ (125 435)
Wages ......................................................... C 300
Wages ......................................................... S 1 250
Expense ...................................................... C 450
Expense ...................................................... S 7 225
Equipment ................................................... C 400
Equipment ................................................... S 975
Total, Wages, Expense, and Equipment .................. (10 600)
Total, Plant Pathology ...................................... $136 035
### Cooperative Investigations

**U.S. NATIONAL SCIENCE FOUNDATION G7265**

**Account Number** 46-15-68-355

1. Jeweus Craig, Research Associate. ................................ S-ZDY60 $ 3,780

#### Veterinary Research

**Account Number** 00-15-70-300

1. C. A. Brandly, Professor and Head of Department. ............ S-ZAY25 $ 5,125  
   (Total Salary) ...................................................................... (20,500)
2. J. O. Alberts, Professor ................................................. S-ZAY35 $ 5,250  
   (Total Salary) ...................................................................... (15,000)
3. Paul D. Beamer, Professor ............................................... S-ZAY25 $ 3,250  
   (Total Salary) ...................................................................... (13,000)
4. Norman D. Levine, Professor ........................................... S-ZAY35 $ 4,700  
   (Total Salary) ...................................................................... (13,400)
5. Roger P. Link, Professor ................................................... S-ZAY10 $ 1,285  
   (Total Salary) ...................................................................... (12,850)
6. Elwood F. Reber, Professor .............................................. S-ZAY71 $ 8,730  
   (Total Salary) ...................................................................... (12,300)
7. L. E. St. Clair, Professor ................................................... S-ZAY25 $ 3,375  
   (Total Salary) ...................................................................... (13,500)
8. Diego Segre, Professor ...................................................... S-ZAY35 $ 4,020  
   (Total Salary) ...................................................................... (12,850)
9. Jesse Sampson, Professor .................................................. S-ZAY30 $ 3,660  
   (Total Salary) ...................................................................... (12,200)
10. Dean H. Ferris, Associate Professor ............................... S-ZAY  
11. Lyle E. Hanson, Associate Professor .............................. S-ZBY85 $ 10,115
   (Total Salary) ...................................................................... (11,900)
12. Manford E. Mansfield, Associate Professor of Veterinary  
    Research and Extension  .................................................. S-ZAY17 $ 1,830
   (Total Salary) ...................................................................... (6,485)
13. George T. Woods, Associate Professor ............................. S-ZAY60 $ 6,360
   (Total Salary) ...................................................................... (10,600)
14. Jesse R. Pickard, Assistant Professor of Veterinary Ex-  
    tension .............................................................................. S-ZBY20 $ 2,100
   (Total Salary) ...................................................................... (4,200)
15. Denzil E. Dees, Instructor ................................................ H-ZDY65 $ 4,430
   (Total Salary) ...................................................................... (6,600)
16. Lloyd C. Helper, Instructor .............................................. S-ZDY30 $ 2,070
   (Total Salary) ...................................................................... (6,350)
17. A. H. Safanie, Instructor ................................................... S-ZDY10 $ 960
   (Total Salary) ...................................................................... (9,600)
18. John E. Schmidt, Instructor .............................................. S-DY75 $ 4,600
   (Total Salary) ...................................................................... (6,400)
19. John E. Schmidt, Instructor .............................................. S-DY30 $ 1,920
   (Total Salary) ...................................................................... (6,400)
20. John E. Schmidt, Instructor .............................................. S-DY  
Nonacademic Salaries .............................................................. S $ 5,100
Total, Salaries ........................................................................... S $108,125
Wages ......................................................................................... S $ 80,960
Expense ..................................................................................... S $ 2,210
Total, Wages, Expense, and Equipment ................................. S $ 85,175
Total, Veterinary Research ..................................................... S $108,125

### Cooperative Investigations

**U.S. PUBLIC HEALTH SERVICE E790**

**Account Number** 46-15-70-357

1. Wilhelm F. Schaeffer, Instructor ...................................... S-ZDY8 $ 480
   (Total Salary) ...................................................................... (4,600)

### Vocational Agriculture

**Account Number** 00-15-75-100

1. Melvin Henderson, Professor ........................................... C-ZAY $ 12,750
2. John H. Herbst, Associate Professor ............................... C-ZAY50 $ 4,700
   (Total Salary) ...................................................................... (6,400)
3. John W. Matthews, Associate Professor .......... C-ZAY \$125 
   (Total Salary) .............................................. 10250 
   (Transferred to Trust) 
4. Herbert J. Rucker, Associate Professor, Emeritus C-R 
5. William H. Witt, Associate Professor .......... C-AY 
6. Roger L. Courson, Instructor .......... C-DY 
7. Roland F. Espenschied, Instructor .......... C-ZDY \$150 
   (Total Salary) .............................................. 8300 
Nonacademic Salaries ...........................................
Total, Salaries .............................................. C 
Wages ............................................................... 
Expense ............................................................. C 
Total, Wages, Expense, and Equipment .................. C \$58 115 

Vocational Agriculture Revolving
Account Number 12-15-75-270
Nonacademic Salaries ...........................................
Wages ............................................................... 
Expense ............................................................. 
Total, Vocational Agriculture Revolving .................... \$31 939 

Federal Research
Hatch Fund
Account Number 21-15-00-300
1. Academic Salaries (see H in departmental budgets) ... \$204 850 
2. 26.50 Full Time Equivalent Assistants ................. 
   Nonacademic Salaries ...........................................
Total, Salaries .............................................. (429 271) 
Wages ............................................................... 
Expense ............................................................. 
Equipment ............................................................ 
Total, Vocational Agriculture Revolving .................... \$690 170 

Regional Research Fund
Account Number 23-15-00-300
1. Academic Salaries (see R in departmental budgets) .... \$42 235 
2. 7.50 Full Time Equivalent Assistants ................. 
   Nonacademic Salaries ...........................................
Total, Salaries .............................................. (91 314) 
Wages ............................................................... 
Expense ............................................................. 
Equipment ............................................................ 
Total, Vocational Agriculture Revolving .................... \$158 175 

Agricultural Marketing Act Title II
Account Number 28-15-00-300
1. Academic Salaries (see T in departmental budgets) .... \$2 440 
2. 0.50 Full Time Equivalent Assistants ................. 
   Nonacademic Salaries ...........................................
Total, Salaries .............................................. (4 940) 
Expense ............................................................. 
Total, Wages, Expense, and Equipment .................... (1 210) 
Total, Agricultural Marketing Act Title II ................ \$ 6 150 

Federal Extension
Research and Marketing Fund
Account Number 34-15-00-400
1. Academic Salaries (see K in departmental budgets) .... \$18 785 
2. 0.50 Full Time Equivalent Assistants ................. 
   Total, Salaries .............................................. (21 005) 

### COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

#### General

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<thead>
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<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<td>(1,377,735)</td>
<td>(70,440)</td>
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#### Organized Research

| Bureau of Economic and Business Research       | 76,445   | 19,500                        | 95,945    |
| Extension and Public Services                 | 60,345   | 9,400                         | 69,945    |

**Total, General**: $1,454,725 $99,340 $1,554,065

#### Restricted

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<td>(24,400)</td>
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#### Organized Research

| Bureau of Economic and Business Research       | 3,500    | 3,500                        |
| Estimated Private Gifts                         | 40,000   | 24,000                      | 64,000    |
| Estimated U.S. Contracts                        | 1,200    | 1,200                        |

**Total, Organized Research**: (40,000) (28,700) (68,700)

#### Extension and Public Services

| Business Management Revolving                   | 1,440    | 9,000                        | 10,440    |

**Total, Restricted**: $69,440 $62,100 $131,540

#### Administration

<p>| Account Number 00-17-01-100                     | ZBY      | $22,000                      |
| Paul M. Green, Dean                           |          |                              |
| C. M. Thompson, Dean and Professor of Economics | R       |
| Dorothy Litherland, Associate Dean            | ZBY      | 15,000                       |
| Robert G. Seymour, Director of Executive Development Center | ZBY | 13,700                       |</p>
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<th>June 14</th>
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<tr>
<td>5. John L. Johnson, Director of Placement and Assistant Professor of Business Administration</td>
<td>BY 9700</td>
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<td>6. Stanley C. Robinson, Professor of Business Administration</td>
<td>ZAY</td>
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<td>7. Walter W. McMahon, Assistant Dean</td>
<td>ZB33 2600</td>
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<tr>
<td>(Total Salary)</td>
<td>(8 500)</td>
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<tr>
<td>8. Assistant Dean</td>
<td>ZDY70 7600</td>
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<td>(Includes full time in the summer)</td>
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<td>9. George C. Mead, Student Counselor</td>
<td>ZDY60 3600</td>
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<td>(6 100)</td>
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**Commerce Student Placement Revolving**

Account Number 12-17-01-177

| Expense | $1 200 |
| Total, Commerce Student Placement Revolving | $1 200 |

**Executive Development Program Revolving**

Account Number 12-17-01-422

| Wages | $12 000 |
| Expense | 8000 |
| Total, Executive Development Program Revolving | $20 000 |

**Accountancy**

Account Number 00-17-05-100

<p>| C. A. Moyer, Professor and Head of Department | A 16 000 |
| Norton M. Bedford, Professor | A 14 300 |
| Robert I. Dickey, Professor | A 14 300 |
| Charles H. Griffin, Professor | A 10 000 |
| Dorothy Litherland, Professor | ZAY |
| A. C. Littleton, Professor, Emeritus | R |
| Gage E. Lukas, Professor | A 11 000 |
| R. K. Mautz, Professor | A 14 300 |
| Lloyd Morey, Professor, Emeritus | ZR |
| Hale L. Newcomer, Professor | A 12 000 |
| Kenneth W. Perry, Professor | A 10 300 |
| Charles F. Schlatter, Professor, Emeritus | R |
| H. T. Scovill, Professor, Emeritus | R |
| E. L. Theiss, Professor, Emeritus | R |
| William E. Thomas, Jr., Professor | A 11 500 |
| Nelson D. Wakefield, Professor | A 11 000 |
| Gerald D. Brighton, Associate Professor | A 8 800 |
| Edwin J. Demaris, Associate Professor | A 8 500 |
| Robert E. Schlosser, Associate Professor | A 9 200 |
| Donald H. Skadden, Associate Professor | A 9 600 |
| Arthur R. Wyatt, Associate Professor | A 9 800 |
| Vernon K. Zimmerman, Associate Professor | A 9 400 |
| (On leave without pay 1960-61) | |
| C. C. DeLong, Assistant Professor | ZDY |
| William L. Ferrara, Assistant Professor | B 7 200 |
| Philip E. Fess, Assistant Professor | B 7 500 |</p>
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<td>(On leave with pay second semester 1960-61)</td>
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<td>Wayne M. Higley</td>
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<td>William B. Barrett</td>
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<td>Jack G. Barnhill</td>
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<td>Nancy A. Desmond</td>
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<td>James W. Giese</td>
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<td>George C. Mead</td>
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<td>Thomas Williams</td>
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<td>Huey N. Lunn</td>
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<td>Mervyn W. Wingfield</td>
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<td>Cecil E. Worrells</td>
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<td>6.00 Full Time Equivalent Assistants</td>
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Nonacademic Salaries: 10680
Total, Salaries: (270030)

Expense: 6345
Total, Accountancy: $276,375

Graduate School of Business Administration

Account Number 00-17-23-100
1. Paul M. Green, Director                     AY
   Professor of Business Administration       AY
2.                                      B
   Assistant Director                        B
   (Total Salary)                            B
3.                                             DY
   Instructor                               DY
4. 1.25 Full Time Equivalent Assistants      DY
Nonacademic Salaries: 3000
Total, Salaries: (27800)
Wages: 9000
Expense: 1100
Equipment: 1000
Total, Wages, Expense, and Equipment: (3000)
Total, Graduate School of Business Administration: $30,800

Business Education

Account Number 00-17-10-100
1. Arnold C. Condon, Professor and Head of Department A
   $13,000
2. Floyd L. Crank, Associate Professor          ZA55
   (Total Salary)                              A
3. Elizabeth R. Melson, Associate Professor    A
   Mabel R. Hagan, Assistant Professor, Emerita ZR
4.                                     ZBY30
   Ralph E. Mason, Assistant Professor          ZB50
   (Total Salary)                              B
6. Mildred E. Reed, Assistant Professor        B
7. Anna K. Mahaffey, Assistant                 E
8. 0.50 Full Time Equivalent Assistants        E
Nonacademic Salaries: 1440
Total, Salaries: (50015)
Expense: 3400
Total, Business Education: $53,415

Business Law

Account Number 00-17-15-100
1. E. R. Dillavou, Professor and Head of Department A84
   $14,200
2. C. C. Curtis, Professor, Emeritus              R
3. Paul C. Roberts, Professor                     A
4. B. F. Kirkpatrick, Associate Professor         A
5. Robert L. Black, Jr., Assistant Professor      B
6. Robert N. Corley, Assistant Professor          B
7. John B. Hyde, Assistant Professor              B37
   2700
Nonacademic Salaries ................................................. 1,740

Total, Salaries .................................................. (53,640)

Expense .......................................................... 790

Total, Business Law .............................................. $ 54,420

Economics

Account Number 00-17-20-100
1. J. F. Bell, Professor .......................................... A$ 17,500
   Chairman of Department ....................................... B
2. H. K. Allen, Professor ....................................... A 14,500
3. V. Lewis Bassie, Professor ................................... ZAY
4. Hans J. Brems, Professor ..................................... A 13,600
   (On leave with pay second semester 1960-61)
5. Pembroke H. Brown, Professor, Emeritus .................... R
6. W. Ellison Chalmers, Professor .............................. ZAY
7. John F. Due, Professor ....................................... A 14,000
8. Robert Ferber, Research Professor ........................... ZAY
9. Dwight P. Flanders, Professor ............................... A 12,700
10. H. M. Gray, Professor ....................................... A 13,250
11. Robert W. Harbeson, Professor .............................. A 11,500
12. Donald L. Kemmerer, Professor ............................. A 14,000
13. Simon Litman, Professor, Emeritus .......................... R
14. D. Philip Locklin, McKinley Professor of the Economics of Public Utilities .............................. ZA80 12,000
   (Total Salary) ................................................ (15,000)
15. E. B. McNatt, Professor ...................................... A 13,100
16. W. H. McPherson, Professor ................................... ZAY
17. W. A. Neiswanger, Professor ................................ A 14,200
18. Donald W. Paden, Professor ................................... A 11,200
19. John B. Parrish, Professor ................................... A 11,800
20. W. C. Robb, Professor, Emeritus ............................ R
21. Grace Beckett, Associate Professor ........................ A 8,800
22. Royall Brandis, Associate Professor ........................ A 10,000
23. Floyd B. Haworth, Associate Professor, Emeritus ........ R
24. Donald R. Hodgman, Associate Professor .................... A 10,000
25. C. Clyde Jones, Associate Professor ........................ A 8,900
26. George Kleiner, Associate Professor ........................ A 9,900
27. Joseph L. McConnell, Associate Professor .................. A 9,800
28. Lewis E. Wagner, Associate Professor ........................ AY
29. Janet Louise Weston, Associate Professor .................... A 7,500
30. Thomas A. Yancey, Associate Professor ...................... A 9,000
31. Frederick M. Gotthcil, Assistant Professor ............... D 7,300
32. Frederick Kohlmeyer, Assistant Professor .................. B 7,600
33. Walter W. McMahon, Assistant Professor .................... ZB67 5,600
   (Total Salary) ................................................ (8,500)
34. Paul J. Wells, Assistant Professor ........................... B 8,300
35. D. H. Hoover, Associate, Emeritus ........................ R
36. John W. Birch, Instructor .................................... D 6,750
37. Burnham Campbell, Jr., Instructor ........................... D 7,100
38. Robert W. Gillespie, Instructor ............................. D 7,250
39. Case M. Sprenkle, Instructor ................................. D 7,000
40. Guy A. Schick, Instructor .................................... D 6,750
41. Franklin R. Shupp, Instructor ............................... D 7,000
42. 10-15 Full Time Equivalent Assistants ........................ E 30,800
   Nonacademic Salaries ........................................ 16,500
   Total, Salaries ................................................ (385,200)

Expense .......................................................... 9,000

Total, Economics ................................................ $394,200

W. B. McKinley Professorship in Public Utility Economics

Account Number 44-17-20-152
1. D. Philip Locklin, McKinley Professor of the Economics of Public Utilities .............................. ZA20
   (Total Salary) ................................................ $ 3,000
   (Total Salary) ................................................ (15,000)

Total, W. B. McKinley Economics Professorship in Public Utility ........................................ $ 3,000
### Finance

**Account Number 00-17-22-100**

1. P. M. Van Arsdell, Professor and Head of Department... A $16,000
2. Robert O. Harvey, Professor.......................... A $11,300
3. Robert W. Mayer, Professor.......................... A $12,300
4. Robert L. Mehr, Professor.......................... A $13,650
5. R. M. Nolen, Professor.......................... A $10,900
   (On leave with pay second semester 1960-61)
6. Richards C. Osborn, Professor.......................... A $10,700
   (On leave with pay second semester 1960-61)
7. Robert A. Hedges, Associate Professor............... A $8,700
8. James W. Leonard, Associate Professor............... A $9,500
9. T. Emerson Cammack, Assistant Professor............ B $7,700
10. Robert E. Hill, Assistant Professor................. B $8,300
11. Paul T. Kinney, Assistant Professor................. B $8,700
12. ————, Assistant Professor........................... B $7,500
13. ————, Instructor.................................. D $4,900
14. 1.00 Full Time Equivalent Assistants............... E $4,600

**Nonacademic Salaries**

- **Expense**
  - **Total, Finance** $143,225

### Bailey Memorial Chair in Money, Banking, and Finance

**Account Number 42-17-22-106**

1. G. Walter Woodworth, Bailey Professor of Money, Banking, and Finance............... A $20,000

**Total, Bailey Memorial Chair in Money, Banking, and Finance** $20,000

### Management

**Account Number 00-17-25-100**

1. Stewart Y. McMullen, Professor.......................... AY $20,000
   Head of Department.................................. BY $33,750
2. A. G. Anderson, Professor, Emeritus.................... R $6,000
3. Leslie A. Bryan, Professor.......................... ZAY $6,000
4. Paul M. Dauten, Jr., Professor........................ A $9,700
5. M. J. Mandeville, Professor.......................... A $13,300
6. Earl G. Planty, Professor.......................... A $13,200
7. Irvin L. Heckmann, Jr., Associate Professor........ A $9,000
8. ————, Associate Professor.......................... D $10,900
9. H. M. Edwards, Assistant Professor, Emeritus...... ZR $8,000
10. Robert Golembiewski, Assistant Professor........... B $8,000
11. Joseph Litterer, Assistant Professor................. B $8,000
12. Emanuel C. Saleni, Assistant Professor............. B $8,000
13. Sherwood Huneryager, Instructor...................... D75 $3,600
14. Leslie L. D. Shaffer, Instructor........................... D $6,900
15. Clarence A. Sims, Instructor.......................... D $5,800
16. 3.25 Full Time Equivalent Assistants............... E $12,550

**Nonacademic Salaries**

- **Expense**
  - **Total, Management** $137,430

### Marketing

**Account Number 00-17-30-100**

1. H. W. Huegy, Professor and Head of Department.... A $16,000
2. F. H. Beach, Professor.......................... A $12,800
3. P. D. Converse, Professor, Emeritus............... R $6,500
4. Fred M. Jones, Professor.......................... A $11,700
5. Robert V. Mitchell, Professor........................ A 10 800
   (On leave with pay second semester 1960-61)
6. F. A. Russell, Professor, Emeritus........................ R .......
7. Hugh G. Wales, Professor........................ A 11 700
8. Nugent Welling, Professor........................ A 11 000
9. Richard M. Hill, Associate Professor............... A 8 600
10. Richard D. Millican, Associate Professor........ A 9 300
11. Donald W. Scotton, Associate Professor........ A 9 600
12. Lloyd M. DeBoer, Assistant Professor........... B 8 200
13. Louis D. Volpp, Assistant Professor.............. B 8 100
   (On leave without pay 1960-61)
14. Walter L. Ogilvie, Instructor...................... D 6 000
15. 2.50 Full Time Equivalent Assistants............. E 10 100
Nonacademic Salaries........................................ 4 680
Total, Salaries.................................................. (438 580)
Expense............................................................... 3 300
Total, Marketing.................................................. $141 880

Bureau of Economic and Business Research
Account Number 00-17-35-300
1. V Lewis Bassie, Director.......................... ZBY $ 15 300
2. Robert Ferber, Research Professor of Economics... ZAY25 3 475
   (Total Salary).................................................. (13 990)
3. Joseph D. Phillips, Jr., Research Professor....... AY 11 100
4. Marvin Frankel, Research Associate Professor..... AY 11 000
5. Ruth A. Birdzell, Research Associate.............. DY50 3 600
6. 4.67 Full Time Equivalent Assistants............. DY 21 650
Nonacademic Salaries........................................... 10 320
Total, Salaries..................................................... (76 445)
Wages................................................................. 2 000
Expense............................................................... 17 500
Total, Wages, Expense, and Equipment.................. (19 500)
Total, Bureau of Economic and Business Research..... $ 95 945

Bureau of Economic and Business Research Revolving
Account Number 12-17-35-370
Expense............................................................... $ 3 500
Total, Bureau of Economic and Business Research Revolving... $ 3 500

Cooperative Investigations
FORD FOUNDATION — CONSUMER SAVINGS
Account Number 44-17-35-327
1. Robert Ferber, Research Professor of Economics... ZAY75 $10 425
   (Total Salary).................................................. (13 900)
2. Stanley W. Steinkamp, Research Assistant Professor.. DY 9 000
3. Mathew Hauck, Research Associate.................. DY 6 900
Total, Ford Foundation — Consumer Savings.............. $20 325

Bureau of Business Management
Account Number 00-17-40-400
1. Irwin A. Cochrun, Director.......................... BY} $12 800
   Associate Professor of Business Management........ AY} .......
2. Herman S. Hall, Associate Professor, Emeritus..... R .......
3. Robert G. Seymour, Associate Professor of Business Management ZAY .......
4. James R. G. Olson, Assistant Professor of Business Management BY 8 500
5. ———, Assistant Professor of Business Manage- ment BY 7 350
6. William D. Boub, Instructor in Business Management DY 6 500
7. Aline L. Hopkins, Instructor in Business Management DY 6 500
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**Total, Bureau of Business Management**: $69,945

**Total, Business Management Revolving**: $10,440

### COLLEGE OF EDUCATION

#### General

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#### Restricted

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### Administration

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<td>2. Charles M. Allen, Acting Dean</td>
</tr>
<tr>
<td>3. F. H. Finch, Coordinator of Graduate Study</td>
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<td>4. Gilbert C. Finlay, Assistant Dean</td>
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(On leave without pay 80 per cent time from June 16, 1960, to June 15, 1961)

| Nonacademic Salaries                          | 19 020    |
| Wages                                         | (60 270)  |
| Expense                                       | 3 000     |
| Contingent                                    | 5 000     |
| Convention Travel                             | 5 700     |
| Nonrecurring Unassigned                       | (2 000)   |
| Equipment                                     | 400       |
| **Total, Wages, Expense, and Equipment**      | **14 700**|
| **Total, Administration**                     | **$75 270**|

### Agricultural Education

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<td>3. Lloyd J. Phipps, Professor</td>
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<td>5. Paul F. Hemp, Assistant Professor</td>
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<tr>
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<td><strong>Expense</strong></td>
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<td><strong>Equipment</strong></td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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### Education

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<td>3. Thomas E. Benner, Professor</td>
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<td>4. G. M. Blair, Professor</td>
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<td>5. Harry S. Broudy, Professor</td>
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<td>6. R. Will Burnett, Professor</td>
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<tr>
<td>7. A. W. Clevenger, Professor, Emeritus</td>
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<td>8. John J. DeBoer, Professor</td>
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9. E. W. Dolch, Professor, Emeritus.................. R
10. Lawrence A. Fisher, Professor.................... BY
     (See Chicago)
11. James J. Gallagher, Professor.................... ZA25
     (Total Salary)................................ (10,300)
     (On leave with one-half pay 1960-61)
12. Coleman R. Griffith, Professor................... A
13. Norman E. Gronlund, Professor.................... A
14. Harold C. Hand, Professor......................... A
15. Kenneth B. Henderson, Professor................... A
16. R. Stewart Jones, Professor....................... A
17. Walter V. Kautfers, Professor..................... A
18. G. C. Kettelkamp, Professor....................... AY
19. Samuel A. Kirk, Professor......................... ZAY25
     (Total Salary)................................ (17,600)
20. Clyde G. Knapp, Professor......................... A
21. John E. McGill, Professor........................ A
22. Perry E. Miller, Professor........................ A
23. Walter J. Moore, Professor......................... A
24. T. Ernest Newland, Professor...................... A
25. C. W. Odell, Professor, Emeritus................ R
26. Merle M. Ohlsen, Professor......................... A
27. Robert E. Pingry, Professor....................... ZA55
     (Total Salary)................................ (15,500)
28. Edward F. Potthoff, Professor..................... ZAY25
     (Total Salary)................................ (15,400)
29. C. W. Sanford, Professor.......................... ZAY
30. Harold A. Schultz, Professor of Art Education... ZA33
     (Total Salary)................................ (11,600)
31. J. H. Shores, Professor............................ A
32. Ray H. Simpson, Professor......................... A
     (On leave with pay first semester 1960-61)
33. Daniel W. Snader, Professor....................... ZA50
     (Total Salary)................................ (8,400)
     (On leave without pay for three years from March 1,
      1959)
34. W. O. Stanley, Professor.......................... A
35. Celia B. Stendler, Professor...................... A
36. Myron Atkin, Associate Professor................ A
37. Floyd L. Crank, Associate Professor............... ZA45
     (Total Salary)................................ (7,500)
38. L. B. Fisher, Associate Professor................ ZAY50
     (Total Salary)................................ (12,050)
39. Herbert Goldstein, Associate Professor.......... ZA50
     (Total Salary)................................ (8,800)
40. W. E. Harnish, Associate Professor, Emeritus... R
41. Ann E. Jewett, Associate Professor............... ZA75
     (Total Salary)................................ (8,300)
42. Charles E. Johnson, Associate Professor......... A
43. Colleen J. Kirk, Associate Professor............ ZA50
     (Total Salary)................................ (8,100)
44. Kenneth M. Lassing, Associate Professor......... ZA50
     (Total Salary)................................ (8,100)
45. Lloyd E. McCleary, Associate Professor......... B
46. Liesette J. McHarry, Associate Professor, Emerita... R
47. Charles J. McIntyre, Associate Professor......... ZAY
48. Foster McMurray, Associate Professor............ A
49. Lawrence E. Metcalf, Associate Professor........ A
     (On leave with pay first semester 1960-61)
50. Fred C. Proff, Associate Professor.............. A
51. G. W. Reagan, Associate Professor, Emeritus... R
52. J. Richard Suchman, Associate Professor......... A
     (On leave with pay first semester 1960-61)
1470

BOARD OF TRUSTEES

[June 14

53. Joe R. Burnett, Assistant Professor .................. D 7 550
54. Kenneth Burns, Assistant Professor .................. ZB40 7 600
(Total Salary) ...................................... (7 600)
55. Orrin E. Gould, Assistant Professor .................. B 7 350
56. Mabel R. Hagan, Assistant Professor, Emerita R ....
57. Clifford E. Howe, Assistant Professor .................. ZB43 3 185
(Total Salary) ...................................... (7 400)
58. Frances L. Johnson, Assistant Professor ............... ZB50 3 000
(Total Salary) ...................................... (6 000)
59. Nell C. B. Johnston, Assistant Professor, Emerita R ....
60. Theodore Manolakes, Assistant Professor ............... D 7 350
61. F. James Rybak, Head of Student Teaching and Assistant Professor .................................. BY 9 200
62. Raymond E. Williams, Assistant Professor ............... ZB50 3 575
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63. .................. Assistant Professor .................. D 7 500
64. .................. Assistant Professor .................. D50 3 200
65. .................. Assistant Professor .................. D 6 500
66. .................. Assistant Professor .................. D 7 350
67. .................. Assistant Professor .................. A 7 100
68. .................. Assistant Professor .................. D 7 000
69. Harry F. Breen, Jr., Instructor ....................... ZD50 3 000
(Total Salary) ...................................... (6 000)
70. Edward T. O'Meara, Research Assistant ................. ZDY50 2 500
(Total Salary) ...................................... (5 000)
71. 11.62 Full Time Equivalent Assistants .................. E 49 880
72. 8.25 Student Teaching Assistants ....................... E 39 950
73. 0.50 Full Time Equivalent Assistants .................. DY 2 450
Nonacademic Salaries ................................
Total, Salaries ........................................ (602 010)
Wages ................................................. 4 800
Wages, Student Teaching ................................ 30 600
Expense, General ....................................... 10 800
Expense, Student Teaching .............................. 16 000
Expense, Education Articulation ......................... 2 250
Expense, Journal of Educational Theory .................. 4 000
Equipment ............................................. 600
Total, Wages, Expense, and Equipment ..................... (68 850)
Total, Education ....................................... $670 860

Cooperative Investigations
U.S. OFFICE OF VOCATIONAL REHABILITATION G-5
Account Number 46-20-10-116
1. Cecil H. Patterson, Professor ....................... DY $ 1 150

Home Economics Education

Account Number 00-20-15-100
1. Letitia E. Walsh, Professor ......................... A $ 10 300
2. Mary E. Nather, Associate Professor ............... ZA80 6 040
(Total Salary) ...................................... (7 550)
3. Elizabeth J. Simpson, Associate Professor ............ A 8 350
4. 0.75 Full Time Equivalent Assistants .................. E 3 450
Total, Salaries ....................................... (28 140)
Wages ................................................. 2 200
Expense .............................................. 1 200
Equipment ............................................. 1 000
Total, Wages, Expense, and Equipment ..................... (3 600)
Total, Home Economics Education ........................ $ 31 740

Industrial Education

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2. A. B. Mays, Professor, Emeritus ...................... R .......
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**Industrial Education Revolving**

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**University Council on Teacher Education**

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**Placement and Follow-Up**

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<th>Expense</th>
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**Teacher Placement and Follow-Up Revolving**

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<th>Account Number 12-20-30-170</th>
<th>Expense</th>
<th>Total, Teacher Placement and Follow-Up Revolving</th>
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<tr>
<td></td>
<td>$4,900</td>
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**Teacher Training Counseling**

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<tr>
<th>Position</th>
<th>Total Salary</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Gilbert C. Finlay, Head of Counseling Service</td>
<td>ZBY50</td>
<td>6,500</td>
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<tr>
<td>(On leave without pay 80 per cent time from June 16, 1960, to June 15, 1961)</td>
<td>(13,000)</td>
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<tr>
<td>Julius N. Hook, Counselor</td>
<td>ZD45</td>
<td>5,400</td>
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<tr>
<td>(Total Salary)</td>
<td>(12,000)</td>
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<tr>
<td>John J. O'Neill, Counselor</td>
<td>ZD20</td>
<td>2,100</td>
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<td>(Total Salary)</td>
<td>(13,000)</td>
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<tr>
<td>Harold A. Schultz, Counselor</td>
<td>ZD17</td>
<td>1,950</td>
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<td>(Total Salary)</td>
<td>(11,000)</td>
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<tr>
<td>Person</td>
<td>Salary</td>
<td>Position</td>
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<tr>
<td>Wilson N. Stewart, Counselor</td>
<td>ZD19</td>
<td>(Total Salary)</td>
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<tr>
<td>Velma K. Wilson, Counselor</td>
<td>ZD33</td>
<td>(Total Salary)</td>
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<tr>
<td>Joseph S. Flores, Counselor</td>
<td>ZD17</td>
<td>(Total Salary)</td>
<td></td>
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<tr>
<td>Colleen J. Kirk, Counselor</td>
<td>ZD17</td>
<td>(Total Salary)</td>
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<tr>
<td>Alfred H. Krebs, Counselor</td>
<td>ZD50</td>
<td>(Total Salary)</td>
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<tr>
<td>Donald G. Lux, Counselor</td>
<td>ZD20</td>
<td>(Total Salary)</td>
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<tr>
<td>Mary E. Mather, Counselor</td>
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<td>(Total Salary)</td>
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<td>Kenneth Burns, Counselor</td>
<td>ZD15</td>
<td>(Total Salary)</td>
<td></td>
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<td>Phyllis Jo Hill, Counselor</td>
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<td>(Total Salary)</td>
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<tr>
<td>Warren J. Huffman, Counselor</td>
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<td>(Total Salary)</td>
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<td>J. William Peters, Counselor</td>
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<td>(Total Salary)</td>
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<tr>
<td>Enid Schnauber, Counselor</td>
<td>ZD20</td>
<td>(Total Salary)</td>
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<tr>
<td>Mary Lucille Shay, Counselor</td>
<td>ZD50</td>
<td>(Total Salary)</td>
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<td>James R. Squire, Counselor</td>
<td>ZB16</td>
<td>(Total Salary)</td>
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<tr>
<td>Raymond E. Williams, Counselor</td>
<td>ZD17</td>
<td>(Total Salary)</td>
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<tr>
<td>Marilyn R. Pflederer, Counselor</td>
<td>ZD17</td>
<td>(Total Salary)</td>
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<td>Marjorie A. Souder, Counselor</td>
<td>ZD10</td>
<td>(Total Salary)</td>
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<td>W. L. Shoemaker, Counselor</td>
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<td>(Total Salary)</td>
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**Total, Salaries**

**Wages**

**Expense**

**Total, Wages, Expense, and Equipment**

**Total, Teacher Training Counseling**

---

**University High School**

Account Number 00-20-45-200

1. David M. Jackson, Principal
   - Associate Professor of Education
   - (Total Salary) $12,000

2. Max Berhman, Professor of Education
   - (Total Salary) $11,200

3. Pauline E. Changnon, Associate Professor of Education
   - (Total Salary) $7,600

4. Ella Leppert, Associate Professor of Education
   - (Total Salary) $9,200

5. David A. Page, Associate Professor of Education
   - (Total Salary) $8,600

6. W. L. Shoemaker, Assistant Professor of Education
   - (Total Salary) $7,200

7. Roger K. Brown, Instructor in Education
   - (Total Salary) $8,000

8. Warren H. Schuetz, Instructor in Education
   - (Total Salary) $6,400

9. Paul W. Welleman, Instructor in Education
   - (Total Salary) $6,300

10. Frances D. Wilson, Instructor in Education, Emerita
    - (Total Salary) $5,600

11. Robert G. Carlier, Assistant in Education
    - (Total Salary) $5,200

12. George J. Drew, Assistant in Education
    - (Total Salary) $5,000
15. Erica R. Fosdick, Assistant in Education .......... E 5,500
16. William T. Hale, Assistant in Education .......... ZE82 5,050
   (Total Salary) ........................................ (7,200)
17. Robert D. Richey, Assistant in Education .......... E 5,400
18. Beecham R. Robinson, Assistant in Education .......... E 5,000
19. Helen L. Stevens, Assistant in Education .......... E 5,500
20. ————, Assistant in Education .......... E 5,000
21. ————, Assistant in Education .......... E 5,000
22. ————, Assistant in Education .......... E 5,800
23. ————, Assistant in Education .......... E 5,000
24. 4.00 Full Time Equivalent Assistants .......... E 20,340

Nonacademic Salaries ............................................. 13,110

Total, Salaries ........................................................ (171,410)

Wages ................................................................. 1,300
Expense .............................................................. 9,500
Equipment ............................................................. 2,500

Total, Wages, Expense, and Equipment ...................... (13,300)

Total, University High School ................................. $184,710

University High School — Mathematics Publications Revolving
Account Number 12-20-45-386
Expense .............................................................. $10,000

Total, University High School — Mathematics Publications Revolving ........................................... $10,000

Cooperative Investigations
Carnegie Institute — Cooperative Programs in Arithmetic
Account Number 44-20-45-310
1. David A. Page, Associate Professor of Education .. ZAY12 $ 1,500
   (Total Salary) ............................................. (12,000)
2. Harlan G. H. Bartram, Research Assistant Professor of Education ........................................... D 7,950
3. Nina M. Steefel, Research Associate in Education ........................................... D 5,100

Total, Carnegie Institute — Cooperative Programs in Arithmetic ........................................... $14,550

Carnegie Institute — Cooperative Programs in Mathematics
Account Number 44-20-45-312
1. Max Beberman, Professor of Education ............ ZA15 $ 1,890
   (Total Salary) ............................................. (13,100)
2. M. Eleanor McCoy, Research Assistant Professor of Education ........................................... DY 11,500
3. F. Mae Blair, Research Associate in Education ........ D75 5,000
4. Martin S. Wolfe, Research Associate in Education ........................................... D75 4,125
5. William T. Hale, Assistant in Education ............ ZE18 1,250
   (Total Salary) ............................................. (7,200)

Total, Carnegie Institute — Cooperative Programs in Mathematics ........................................... $23,765

National Educational Television and Radio Center — Mathematics Study
Account Number 44-20-45-321
1. Gertrude Hendrix, Research Assistant Professor of Education ........................................... BY $ 13,000
2. Charles Van Horn, Research Associate in Education . DY 10,000

Total, National Educational Television and Radio Center — Mathematics Study ................................ $23,000

General
Account Number 00-20-50-300
1. William P. McLure, Director .......................... BY} $ 14,300
   Professor of Education .......................... AY}
2. David P. Ausubel, Professor of Education .......... AY} 13,450

Bureau of Educational Research
<table>
<thead>
<tr>
<th>#</th>
<th>Name</th>
<th>Position</th>
<th>Leave Status</th>
<th>Faculty Department</th>
<th>Account Number</th>
<th>Category</th>
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<tr>
<td>3</td>
<td>Lee J. Cronbach</td>
<td>Professor of Education</td>
<td>On leave with pay first semester 1960-61 and without pay second semester 1960-61</td>
<td>Education</td>
<td>46-20-50-316</td>
<td>Salaries</td>
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<tr>
<td>4</td>
<td>Nathaniel L. Gage</td>
<td>Professor of Education</td>
<td>(On leave with pay first semester 1960-61)</td>
<td>Education</td>
<td>46-20-50-316</td>
<td>Salaries</td>
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<td>5</td>
<td>M. Ray Karnes</td>
<td>Professor of Education</td>
<td>(On leave with pay first semester 1960-61)</td>
<td>Education</td>
<td>46-20-50-316</td>
<td>Salaries</td>
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<tr>
<td>6</td>
<td>W. S. Monroe, Distinguished Professor of Education</td>
<td>Emeritus</td>
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<td>Education</td>
<td>46-20-50-316</td>
<td>Salaries</td>
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<td>7</td>
<td>B. Othanel Smith</td>
<td>Professor of Education</td>
<td></td>
<td>Education</td>
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<td>Salaries</td>
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<td>8</td>
<td>Henry F. Kaiser</td>
<td>Associate Professor of Education</td>
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<td>Salaries</td>
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<td>9</td>
<td>W. S. Monroe, Distinguished Professor of Education</td>
<td>Emeritus</td>
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**Total, Bureau of Educational Research - General**: $145,170

**Nonacademic Salaries**:

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<td>Equipment</td>
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**Evaluation**:

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<td>Expense</td>
<td>2,400</td>
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<td>Equipment</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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**Total, Evaluation**: $45,480

**Educational Testing Revolving**:

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<td>Wages</td>
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<td>Expense</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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**Educational Surveys**:

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Account Number 44-20-55-478
1. 1.50 Full Time Equivalent Assistants .................. DY $ 6,600
Nonacademic Salaries ........................................ 2,520
Total, Salaries .............................................. (9,120)
Wages ......................................................... 1,500
Expense ....................................................... 9,000
Total, Wages, Expense, and Equipment ..................... (10,500)
Total, Educational Surveys Revolving ..................... $19,620

Institute for Research on Exceptional Children
Account Number 00-20-70-300
1. Samuel A. Kirk, Director ................................. ZBY75 $ 13,200
(Total Salary) .............................................. (17,000)
2. James J. Gallagher, Professor ........................... ZA75 7,740
(Total Salary) .............................................. (10,300)
(On leave with one-half pay 1960-61)
3. Lawrence M. Stiakrow, Professor ........................ ZA50 5,000
(Total Salary) .............................................. (10,000)
4. Bernard Farber, Associate Professor .................... ZAY60 6,000
(Total Salary) .............................................. (10,000)
5. Herbert Goldstein, Associate Professor .................. ZA50 4,400
(Total Salary) .............................................. (8,800)
6. Kenneth R. Mangan, Associate Professor of Education A
7. Clifford E. Howe, Assistant Professor .................... ZB57 4,215
(Total Salary) .............................................. (7,409)
8. 2.00 Full Time Equivalent Research Assistants ......... DY 8,000
Nonacademic Salaries ........................................ 4,020
Total, Salaries ............................................. (61,075)
Wages ......................................................... 600
Expense ....................................................... 2,050
Total, Wages, Expense, and Equipment ..................... (2,650)
Total, Institute for Research on Exceptional Children $ 64,325

Cooperative Investigations
CEREBRAL PALSY ASSOCIATION — LANGUAGE OF PRE-SCHOOL
Account Number 44-20-70-312
1. James J. McCarthy, Research Assistant Professor .... BY $ 9,500
U.S. OFFICE OF EDUCATION SAE 8204
Account Number 46-20-70-316
1. Laura Jordan, Research Associate ........................... DY $ 7,900
2. Joseph H. Meyerowitz, Research Associate ............ DY 6,800
Total, U.S. Office of Education SAE 8204 ............. $14,700
U.S. PUBLIC HEALTH SERVICE M3207
Account Number 46-20-70-364
1. William C. Jenne, Research Associate ................... DY $ 6,600

COLLEGE OF ENGINEERING
General

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<td>Ceramic Engineering</td>
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<td>Nuclear Engineering</td>
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### General (Continued)

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#### Organized Research

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<td>Aeronautical Engineering</td>
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<td>1 650</td>
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<td>Ceramic Engineering</td>
<td>30 520</td>
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<td>Chemical Engineering</td>
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<td>Civil Engineering</td>
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<td>4 700</td>
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<td>10 300</td>
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<td>Physics Betatron</td>
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#### Restricted

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<td>(145 570)</td>
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#### Organized Research

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<tr>
<td>Engineering Publications Revolving</td>
<td>1 000</td>
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</tr>
<tr>
<td>Civil Engineering Earth Testing Revolving</td>
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</tr>
<tr>
<td>Civil Engineering Testing Revolving</td>
<td>12 000</td>
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<tr>
<td>Electrical Engineering Network Analyzer Revolving</td>
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<td>Theoretical and Applied Mechanics Testing Revolving</td>
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<td>Estimated U.S. Contracts</td>
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#### Auxiliary Enterprises

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<tr>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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</thead>
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<td>Camp Rabideau Operations</td>
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<td><strong>Total, Restricted</strong></td>
<td>$2 925 000</td>
<td>$2 925 000</td>
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#### Administration

Account Number 00-22-01-100; College 00-22-01-100; Station 00-22-01-300

1. W. L. Everitt, Dean.
2. H. H. Jordan, Associate Dean and Professor of General Engineering, Emeritus.
3. Ross J. Martin, Director of Engineering Experiment Station.
4. Stanley H. Pierce, Associate Dean.
5. Howard L. Wakeland, Assistant Dean.
6. David R. Opperman, Assistant Dean.
7. Edwin McClintock, Jr., Editor and Director of Engineering Information and Publications.
8. Elmer F. Heater, Research Associate Professor, Emeritus.

<table>
<thead>
<tr>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<td>C-ZBY 23 000</td>
<td>$23 000</td>
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<tr>
<td>C-R 18 500</td>
<td>$18 500</td>
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<tr>
<td>C-ZBY 10 000</td>
<td>$10 000</td>
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<td>C-ZBY 9 000</td>
<td>$9 000</td>
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<td>S-ZBY 13 000</td>
<td>$13 000</td>
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<td>S-R 8 500</td>
<td>$8 500</td>
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</table>
9. Paul T. Bryant, Assistant Editor with rank of Instructor. S-ZDY 50 $4,750
   (Total Salary) .............................................. $4,750
10. Ross A. Kingery, Assistant Editor. C-DY 6 $500
11. 6.00 Full Time Equivalent Research Assistants. S-E 24,600
12. 0.50 Editorial Assistants. S-E 2,000
Nonacademic Salaries .............................................. $51,050
Nonacademic Salaries .............................................. $22,510
Total, Salaries ..................................................... $203,420

Wages ............................................................. C $2,750
Wages ............................................................. S $5,000
Expenses ........................................................... C $2,300
Expenses ........................................................... S $7,500
Publications ....................................................... S $10,500
Lectures ............................................................. C $2,400
Contingent ......................................................... C $15,000
Convention Travel ................................................... C $12,500
Nonrecurring Unassigned ........................................... C $5,000
Equipment .......................................................... C $3,000
Equipment .......................................................... S $1,800
Total, Wages, Expense, and Equipment ................................ $69,650
Total, Administration .................................................. $273,070

Engineering Student Placement Revolving
Account Number 12-22-01-177
Expense ............................................................. C $4,000
Total, Engineering Student Placement Revolving ......................... $4,000

Engineering Experiment Station Testing Revolving
Account Number 12-22-01-322
Expense ............................................................. S $1,200
Total, Engineering Experiment Station Testing Revolving .................. $1,200

Engineering Publications Revolving
Account Number 12-22-01-368
Expense ............................................................. S $1,000
Total, Engineering Publications Revolving ................................ $1,000

American Society for Engineering Education Secretary
Account Number 44-22-01-402
1. W. Leighton Collins, Professor of Theoretical and Applied
   Mechanics assigned to American Society for Engineering
   Education ......................................................... E-ZA 75 $9,000
   (Total Salary) .................................................. (12,000)
2. Jimmy W. Seyler, Assistant Editor with rank of Assistant
   Professor ......................................................... ZDY 50 $3,900
3. Paul T. Bryant, Assistant Editor with rank of Instructor E-ZDY 50 $4,750
   (Total, American Society for Engineering Education
   Secretary) ....................................................... $17,650

Aeronautical Engineering
Account Number 00-22-05-100; College 00-22-05-100; Station 00-22-05-300
1. H. S. Stillwell, Professor and Head of Department .............................................. C-A $17,500
2. John M. Coan, Jr., Professor .............................................................. C-A $10,300
3. Bruce L. Hicks, Professor .............................................................. C-ZAY 55 $8,250
   (Total Salary) .................................................. (15,000)
4. Harry H. Hilton, Professor .............................................................. C-A $12,000
5. M. Z. Krzywoblocki, Professor .............................................................. C-A $9,000
6. Robert W. McClary, Professor .............................................................. C-A $12,500
7. ----------------- Professor .............................................................. C-D $11,000
8. Allen L. Ormsbee, Professor .............................................................. C-A $11,500
9. Harold O. Barthel, Research Associate Professor .............................................. S-A $9,400
10. Shee Mang Yen, Associate Professor ......................................................... C-A $9,500
11. ----------------- Associate Professor ......................................................... C-A $9,000
12. Joseph Goldberg, Assistant Professor. C-D 8 500
13. Edward A. Stannard, Instructor. C-D 7 400
14. 2.75 Full Time Equivalent Assistants C-E 11 520
15. 0.50 Full Time Equivalent Research Assistants S-E 2 000
Nonacademic Salaries
Total, Salaries C 43 740
Wages C 4 800
Expense C 10 300
Equipment C 7 500
Total, Wages, Expense, and Equipment C (22 600)
Total, Aeronautical Engineering........... $215 710

Ceramic Engineering
Account Number 00-22-10-100; College 00-22-10-100; Station 00-22-10-300
1. A. I. Andrews, Professor and Head of Department C-A $ 16 500
2. Alfred W. Allen, Professor. C-A 11 100
3. R. L. Cook, Professor. C-A 12 700
4. A. L. Friedberg, Professor. S-A 11 750
5. F. V. Tooley, Professor of Glass Technology. C-A 9 000
6. Robert J. Beals, Associate Professor. C-A 8 500
7. W. H. Heiniger Granicher, Associate Professor. C-ZD50 4 500
(Total Salary) (9 000)
8. James A. Nelson, Associate Professor. C-A 9 500
9. 1.00 Full Time Equivalent Assistants C-E 4 000
Nonacademic Salaries
Total, Salaries C (108 250)
Wages C 850
Wages S 150
Expense C 16 000
Expense S 1 000
Equipment C 2 000
Equipment S 500
Total, Wages, Expense, and Equipment C (20 500)
Total, Ceramic Engineering.............. $128 750

Ceramic Glass Conference Revolving
Account Number 12-22-10-132
Expense......................... C $ 2 000
Total, Ceramic Glass Conference Revolving........ $2 000

Cooperative Investigations
BENDIX AVIATION — CERAMETALIC
Account Number 44-22-10-306
1. Roy E. Bickelhaupt, Research Associate S-DY $ 9 000
2. Richard J. Herbst, Research Associate S-DY 7 200
Total, Bendix Aviation — Cerametallic........ $16 200

GRIFFIN WHEEL COMPANY — STEEL CASTING REFRactories
Account Number 44-22-10-332
1. Tracy A. Willmore, Research Associate Professor S-AY $ 9 150
2. Philip D. Zimmerman, Research Assistant S-DY 6 000
Total, Griffin Wheel Company — Steel Casting Refractories $15 150

U.S. AIR FORCE 5734
Account Number 46-22-10-308
1. Victor J. Tenney, Research Assistant Professor S-DY $ 9 500
2. Clifton G. Bergeron, Research Associate S-DY 9 500
Total, U.S. Air Force 5734............. $19 000

U.S. AIR FORCE 6192
Account Number 46-22-10-310
1. Dwight G. Bennett, Research Professor S-ZDY40 $ 5 400
(Total Salary) (13 500)
2. Julian H. Lauchner, Research Associate Professor S-ZDY40 4 320
(Total Salary) (10 800)
### U.S. Air Force 6192

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<tr>
<th>Account Number</th>
<th>Description</th>
<th>Distribution</th>
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<tbody>
<tr>
<td>46-22-10-311</td>
<td>Henry G. Lefort, Research Associate</td>
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<td>46-22-10-311</td>
<td>Hubert R. Thornton, Research Associate</td>
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<td>$3,400</td>
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### U.S. Air Force 6283

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<td>46-22-10-311</td>
<td>Hubert R. Thornton, Research Associate</td>
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<td>46-22-10-311</td>
<td>Julian H. Lauchner, Research Associate Professor</td>
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<td>46-22-10-312</td>
<td>Julian H. Lauchner, Research Associate Professor</td>
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<tr>
<td>Max S. Peters, Professor</td>
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<tr>
<td>Harry G. Drickamer, Professor</td>
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<tr>
<td>H. F. Johnstone, Research Professor</td>
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<tr>
<td>Frederick G. Straub, Research Professor, Emeritus</td>
<td>S-R</td>
<td>..</td>
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<tr>
<td>Sherlock Swann, Jr., Research Professor</td>
<td>S-A</td>
<td>$11,500</td>
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<tr>
<td>James W. Westwater, Professor</td>
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<tr>
<td>Thomas J. Hanratty, Associate Professor</td>
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<tr>
<td>Daniel D. Perlmutter, Assistant Professor</td>
<td>S-ZB</td>
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<tr>
<td>John A. Quinn, Assistant Professor</td>
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### Nonacademic Salaries

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### Total, Wages, Expense, and Equipment

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### Cooperative Investigations

### U.S. Atomic Energy Commission Project 5

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<th>Description</th>
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<td>Shigeru Minomura, Research Associate</td>
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### Civil Engineering

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<td>N. M. Newmark, Professor and Head of Department</td>
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<td>J. W. Briscoe, Professor and Associate Head of Department</td>
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<tr>
<td>William C. Ackermann, Professor</td>
<td>C-D</td>
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<tr>
<td>H. E. Babbitt, Professor, Emeritus</td>
<td>C-R</td>
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<tr>
<td>John E. Baerwald, Professor of Traffic Engineering</td>
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<td>$7,520</td>
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<td>(Total Salary)</td>
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<td>E. E. Bauer, Professor</td>
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<td>Ven Te Chow, Professor of Hydraulic Engineering</td>
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<td>Ellis Danner, Professor of Highway Engineering</td>
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<td>Don U. Deere, Professor</td>
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<td>G. H. Dell, Professor</td>
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<td>J. J. Doland, Professor, Emeritus</td>
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<td>Richard Engelbrecht, Professor of Sanitary Engineering</td>
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<td>Edwin H. Gaylord, Jr., Professor</td>
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<td>William J. Hall, Professor</td>
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<td>John D. Haltiwanger, Professor</td>
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<td>William W. Hay, Professor of Railway Civil Engineering</td>
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<td>Position</td>
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<td>W. C. Huntington</td>
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<td>Herbert O. Ireland</td>
<td>Professor</td>
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<td>19</td>
<td>Narbe Khachatryan</td>
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<td>20</td>
<td>E. E. King</td>
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<td>Murray B. McPherson</td>
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<td>22</td>
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<td>William A. Oliver</td>
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<td>Ralph B. Peck</td>
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<td>26</td>
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<td>28</td>
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<td>T. H. Thornburn</td>
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<td>Anestis S. Veletsos</td>
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<td>C. C. Wiley</td>
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<td>Winfield H. Eldridge</td>
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<td>Ben B. Ewing</td>
<td>Associate Professor of Sanitary Engineering</td>
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<td>John C. Guillou</td>
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<td>John G. Hammer</td>
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<td>37</td>
<td>Moreland Herrin</td>
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<td>George W. Hollon</td>
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<td>Eugene Y. Huang</td>
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<td>Vincent J. McDonald</td>
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<td>41</td>
<td>J. L. Merritt</td>
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<td>43</td>
<td>Arthur R. Robinson</td>
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<td>George K. Sinnamon</td>
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<tr>
<td>45</td>
<td>Mete Avni Sozen</td>
<td>Associate Professor</td>
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<td>Eugene Chesson, Jr.</td>
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<td>49</td>
<td>Arthur Feldman</td>
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<td>50</td>
<td>Anthony F. Gaudy, Jr.</td>
<td>Assistant Professor of Sanitary Engineering</td>
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<tr>
<td>51</td>
<td>Houssam M. Karara</td>
<td>Assistant Professor</td>
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52. George F. McDonough, Assistant Professor .................................. S-ZB50 3 600
   (Total Salary).........................................................................
53. Melvin T. Davison, Instructor .............................................. C-ZD50 2 800
   (Total Salary).........................................................................
54. Maurice G. Porter, Assistant Professor .................................... C-B50 3 500
55. Jimmy W. Seyler, Assistant Professor ...................................... C-ZB50 3 900
   (Total Salary).........................................................................
56. Samuel Sutcliffe, Assistant Professor ...................................... C-B 7 500
57. Joseph P. Murtha, Research Associate ...................................... S-ZD50 3 300
   (Total Salary).........................................................................
58. David C. N. Robb, Research Associate .................................... C-ZD75 4 200
   (Total Salary).........................................................................
59. Wallace Sanders, Jr., Research Associate .................................. C-ZD50 3 000
   (Total Salary).........................................................................
60. Raymond E. Untrauer, Research Associate .................................. C-ZD50 3 700
   (Total Salary).........................................................................
61. Steven J. Fenves, Instructor ................................................... C-ZD50 3 600
   (Total Salary).........................................................................
62. Gordon Gracie, Instructor ...................................................... C-D 6 300
63. John W. Hutchinson, Instructor .............................................. C-ZD75 5 625
   (Total Salary).........................................................................
64. John H. Lamb, Jr., Instructor ................................................ C-ZD50 2 950
   (Total Salary).........................................................................
65. James J. Morgan, Instructor .................................................... C-D 6 900
66. Roy E. Olson, Instructor ........................................................ ZD50 3 000
   (Total Salary).........................................................................
67. Louis R. Shaffer, Instructor ..................................................... C-D 6 600
68. G. E. Triandafilidis, Instructor .............................................. C-ZD33 2 080
   (Total Salary).........................................................................
69. Richard N. Wright III, Instructor ........................................... S-ZD50 3 300
   (Total Salary).........................................................................
70. Instructors .............................................................................
71. Henry Malter, Lecturer .......................................................... C-D 10 000
72. Karl Terzaghi, Lecturer and Consultant .................................... C-DY15 1 500
73. Stanley D. Wilson, Visiting Lecturer in Soil Mechanics ........... C-DY5 500
74. 2.50 Full Time Equivalent Research Assistants ....................... S-E 10 300
75. Nonacademic Salaries ............................................................ C 36 330
76. Nonacademic Salaries ............................................................ C 43 860
   Total, Salaries .......................................................................
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Wages ................................................................. C 4 100
Expense ................................................................. C 4 300
Wages ................................................................. C 13 000
Equipment ............................................................ C 11 100
Expense ................................................................. C 4 800
Equipment ............................................................ C 3 200
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   Total, Civil Engineering ...................................................... $622 760
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Account Number 12-22-20-322
Expense ................................................................. S $ 1 300
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Civil Engineering Testing Revolving
Account Number 12-22-20-384
Expense ................................................................. S $12 000
   Total, Civil Engineering Testing Revolving ................. $12 000
Auxiliary — Camp Rabideau Operation
Account Number 18-22-20-782
Expense ................................................................. C $10 000
   Total, Auxiliary — Camp Rabideau Operation ............. $10 000
**Cooperative Investigations**  
**Association of American Railroads — Filter Materials**  
Account Number 44-22-20-304  
1. David C. N. Robb, Research Associate  
   S-ZD50 $1,400

**Caterpillar Tractor Company — U-Shaped Members**  
Account Number 44-22-20-310  
1. Alfredo Ang, Assistant Professor  
   S-ZB50 $3,600

**Cities Service, Inc. — Properties of Sand**  
Account Number 44-22-20-314  
1. Melvin T. Davisson, Instructor  
   S-ZD50 $2,800

**Portland Cement Association — Beam Column Connections**  
Account Number 44-22-20-367  
1. Arthur Feldman, Assistant Professor  
   S-ZB50 $3,600

**U.S. Air Force 2591**  
Account Number 46-22-20-305  
1. Richard L. Jennings, Research Associate  
   S-D $6,100

**U.S. Air Force 2151**  
Account Number 46-22-20-317  
1. J. L. Merritt, Associate Professor  
   S-ZA50 $4,100  
2. Louis H. Klotz, Research Associate  
   S-D $6,300  
3. Stanley L. Paul, Instructor  
   S-D $6,400  
   Total, U.S. Air Force 2151 $16,800

**U.S. Air Force 2372**  
Account Number 46-22-20-318  
1. William Egger, Jr., Research Associate  
   S-ZD50 $3,350  
   (Total Salary) $6,700
2. Raymond E. Untrauer, Research Associate  
   S-ZD50 $3,700  
   Total, U.S. Air Force 2372 $10,400

**U.S. Air Force 2390**  
Account Number 46-22-20-319  
1. John G. Hammer, Associate Professor  
   S-ZA50 $4,500  
2. John T. Hanley, Research Associate  
   S-D $7,200  
3. John W. Melin, Research Associate  
   S-D $7,000  
4. William C. Schnobrich, Research Associate  
   S-D $7,000  
   Total, U.S. Air Force 2390 $25,700

**U.S. Army Engineers 240**  
Account Number 46-22-20-326  
1. Herbert O. Ireland, Professor  
   S-ZA50 $5,000  
2. G. E. Triandafylidis, Instructor  
   S-ZD67 $4,220  
3. Walter E. Fisher, Research Associate  
   S-D $6,900  
4. John H. Lamb, Jr., Instructor  
   S-ZD50 $2,950  
   Total, U.S. Army Engineers 240 $19,070

**U.S. Army Engineers 393**  
Account Number 46-22-20-338  
1. Mete Avni Sozen, Associate Professor  
   S-ZA50 $4,250

**U.S. Academy of Science — AASHO Road Tests**  
Account Number 46-22-20-345  
1. Steven J. Fenves, Instructor  
   S-ZD50 $3,600

**U.S. Defense Atomic Support Agency 023**  
Account Number 46-22-20-347  
1. George K. Sinnamon, Associate Professor  
   S-ZA50 $4,400  
2. William Egger, Jr., Research Associate  
   S-ZD50 $3,350  
3. George F. McDonough, Assistant Professor  
   S-ZB50 $3,300  
   Total, U.S. Defense Atomic Support Agency 023 $11,050

**U.S. National Science Foundation G5073**  
Account Number 46-22-20-350  
1. Roy E. Olson, Instructor  
   S-ZD50 $3,000
U.S. NATIONAL SCIENCE FOUNDATION G6572
Account Number 46-22-20-352
1. Alfredo Ang, Assistant Professor.......................... S-ZB50 $ 3 600
(Total Salary).......................... (7 200)

U.S. NATIONAL SCIENCE FOUNDATION G10503
Account Number 46-22-20-354
1. Richard N. Wright III, Instructor......................... S-ZD50 $ 3 300

U.S. N.O.B.S. 65790
Account Number 46-22-20-360
1. Vincent J. McDonald, Associate Professor................ S-ZA25 $ 2 100

U.S. N.O.B.S. 77008
Account Number 46-22-20-361
1. Stanley T. Rolfe, Research Associate.................... S-D $ 6 000

U.S. OFFICE OF NAVAL RESEARCH 183403
Account Number 46-22-20-369
1. Robert E. Fulton, Research Assistant........................ S-E $ 4 700
2. Joseph P. Murtha, Research Associate.................. S-ZD50 $ 3 300

Total, U.S. Office of Naval Research 183403.................. $ 8 000

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
BRIDGE IMPACT
Account Number 47-22-20-307
1. Tseng Huang, Research Associate.......................... S-D $ 6 000

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
HIGHWAY MEDIANS
Account Number 47-22-20-336
1. John W. Hutchinson, Instructor.......................... S-ZD25 $ 1 875

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
RIVETED BOLTED JOINTS
Account Number 47-22-20-374
1. Eugene Chesson, Jr., Assistant Professor................ S-ZB50 $ 3 900

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
SOIL AGGREGATE
Account Number 47-22-20-379
1. Eugene Y. Huang, Associate Professor.................... ZA75 $ 5 850

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
SOIL MAPPING
Account Number 47-22-20-382
1. T. H. Thornburn, Professor.......................... S-ZA25 $ 2 800
(Leave to be determined)
2. Edward T. Misiaszek, Instructor.......................... S-D $ 6 300
3. Thomas K. Liu, Research Associate.................. S-D $ 5 500

Total, State of Illinois Division of Highways —
Soil Mapping.................................................. $14 600

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
VEHICULAR SPEED REGULATION
Account Number 47-22-20-386
1. Joseph C. Oppenlander, Research Associate................ S-D $ 7 000

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
WATERWAY AREAS
Account Number 47-22-20-390
1. Ven Te Chow, Professor of Hydraulic Engineering...... S-ZA30 $ 3 180

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
WELDED HIGHWAY STRUCTURES
Account Number 47-22-20-391
1. Wallace Sanders, Jr., Research Associate................ S-ZD50 $ 3 000
2. Peter G. Hoadley, Research Assistant.................. E $ 5 300

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Welded Highway Structures..................................... $ 8 300
## Coordinated Science Laboratory

**U.S. Army Signal Corps 85122**

Account Number 46-22-22-310

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**Total, Coordinated Science Laboratory**: $429,339

## Electrical Engineering

Account Number 00-22-25-100; College 00-22-25-100; Station 00-22-25-300

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### Electrical Engineering Network Analyzer Revolving

Account Number 12-22-25-356

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Total, Electrical Engineering

Total, Wages, Expense, and Equipment

| Total, Electrical Engineering Network Analyzer Revolving | $818,307 |

### Cooperative Investigations

#### U.S. Air Force 62

Account Number 46-22-25-301

1. William H. Steier, Research Assistant Professor S-ZB75 $6,000  
   (Total Salary) $8,000

#### U.S. Air Force 417

Account Number 46-22-25-305

1. Wendell E. Miller, Research Professor S-ZAY5 $750  
2. Paul Handler, Research Associate Professor S-ZA50 $4,500  
   (Total Salary) $9,500  
   (On leave with one-half pay 1960-61)

#### U.S. Air Force 2152

Account Number 46-22-25-309

1. Ladislas Goldstein, Professor S-ZA15 $2,625  
2. Wendell E. Miller, Research Professor S-ZAY5 $750  
3. Julius H. Cahn, Associate Professor S-ZAY50 $5,800  
4. Arwin A. Dougal, Research Associate Professor S-ZAY75 $8,850  
5. Charles Hendricks, Jr., Associate Professor S-ZA50 $4,750  
6. Clare C. Leiby, Jr., Research Assistant S-DY $9,000

Total, U.S. Air Force 2152 $31,775

#### U.S. Air Force 5565

Account Number 46-22-25-310

1. Ladislas Goldstein, Professor S-ZA10 $1,750  
2. F. Edward Mast, Associate Professor S-ZA25 $2,250  
3. R. Mittra, Visiting Assistant Professor S-ZE33 $2,733

Total, U.S. Air Force 5565 $6,733

#### U.S. Air Force 7043

Account Number 46-22-25-312

1. Paul D. Coleman, Research Professor S-ZA10 $1,250  
2. Charles E. Enderby, Instructor S-DY $3,500

Total, U.S. Air Force 7043 $4,750

#### U.S. Air Force 6079

Account Number 46-22-25-314

1. Wendell E. Miller, Research Professor S-ZAY5 $750  
2. John D. Dyson, Associate Professor S-ZAY30 $3,200  
3. Paul E. Mayes, Associate Professor S-ZAY73 $9,600  
4. Walter L. Weeks, Associate Professor S-ZB75 $6,900  
5. Yuen Tze Lo, Assistant Professor S-ZBY67 $7,867  
   (Total Salary) $11,800  
6. R. Mittra, Visiting Assistant Professor S-ZE67 $5,467  
   (Total Salary) $8,000  
7. Willard T. Patton, Instructor S-D75 $5,200  
8. Robert L. Carrel, Research Assistant S-DY $6,800

Total, U.S. Air Force 6079 $43,784

#### U.S. Air Force 3481

Account Number 46-22-25-315

1. Ladislas Goldstein, Professor S-ZA15 $2,625
U.S. AIR FORCE 556
Account Number 46-22-25-316
1. Don F. Holshouser, Associate Professor S-AY $10 200

U.S. AIR FORCE 6428
Account Number 46-22-25-319
1. Heinz M. Von Foerster, Professor S-ZA20 $ 2 680
2. Lars E. Lofgren, Research Associate S-DY 8 800
Total, U.S. Air Force 6428 $11 480

U.S. ARMY ORDNANCE 1983
Account Number 46-22-25-322
1. Seifollah Hakimi, Assistant Professor S-ZB33 $ 2 633

U.S. ARMY SIGNAL CORPS 84525
Account Number 46-22-25-328
1. Albert D. Bailey, Professor S-ZA25 $ 2 750
2. John D. Dyson, Associate Professor S-ZAY30 3 200
3. Edgar C. Hayden, Associate Professor S-ZA17 1 750
4. Richard L. Sydnor, Research Associate S-ZDY25 2 200
(Total Salary) $11 800
Total, U.S. Signal Corps 84525 $ 9 900

U.S. ARMY SIGNAL CORPS 78313
Account Number 46-22-25-333
1. Ladislas Goldstein, Professor S-ZA10 $ 1 750

U.S. ATOMIC ENERGY COMMISSION 392
Account Number 46-22-25-334
1. Paul D. Coleman, Research Professor S-ZA40 $ 5 000
2. Richard J. Kenyon, Research Assistant S-DY 5 300
3. Joseph J. Stafford, Research Assistant S-DY 5 400
(Total Salary) $15 700
Total, U.S. Atomic Energy Commission 392 $ 15 700

U.S. NATIONAL AERONAUTICAL AND SPACE ADMINISTRATION
NATIONAL SCIENCE GRANT 2459
Account Number 46-22-25-340
1. Kung Chie Yeh, Assistant Professor S-ZBY60 $ 5 740

U.S. NATIONAL SCIENCE FOUNDATION G7421
Account Number 46-22-25-349
1. Frederic Brunschwig, Research Associate S-DY $ 8 000

U.S. NATIONAL SCIENCE FOUNDATION G7040
Account Number 46-22-25-353
1. Harold A. Spuhler, Research Associate S-DY75 $ 7 100

U.S. N.O.B.S. 64723
Account Number 46-22-25-357
1. Wendell E. Miller, Research Professor S-ZAY5 $ 7 50
2. Edgar C. Hayden, Associate Professor S-ZA25 2 625
3. Leon J. Miller, Research Associate S-DY 8 050
4. Robert S. Smith, Research Associate S-DY 8 000
5. Clay D. Westlund, Instructor S-D 7 330
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Total, U.S. N.O.B.S. 64723 $26 755

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1. Albert D. Bailey, Professor S-ZA25 $ 2 750
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3. Richard L. Sydnor, Research Associate S-ZDY75 6 600
(Total Salary) $11 975
Total, U.S. Office of Naval Research 183402 $11 975

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1. Paul Handler, Research Associate Professor S-ZA25 $ 2 325
(On leave with one-half pay 1960-61)
2. Gottfried Landwehr, Research Associate S-DY33 3 300
(Total Salary) $ 5 625
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9. Julian R. Fellows, Professor of Mechanical Engineering       C-A 11,500
10. C. Dale Greffe, Professor of Mechanical Engineering        C-A 9,200
11. C. W. Ham, Professor, Emeritus                            C-R
12. George W. Harper, Professor of Mechanical Engineering     C-A 10,300
13. Eugene F. Hebrank, Professor of Mechanical Engineering    C-A 10,200
14. John A. Henry, Professor of Mechanical Engineering       C-ZA75 7,500
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15. William L. Hull, Professor of Mechanical Engineering      C-A 11,000
16. Seichi Konzo, Professor of Mechanical Engineering         C-A 14,500
17. Helmut H. Korst, Professor of Mechanical Engineering     C-A 15,700
18. A. P. Kratz, Research Professor, Emeritus                 C-R
19. Reinhold F. Larson, Professor of Mechanical Engineering  C-A 11,300
               (On leave with pay second semester 1960-61)
20. James L. Leach, Professor of Mechanical Engineering       C-A 9,200
22. Ross J. Martin, Professor of Mechanical Engineering      C-ZAY
23. John C. Miles, Professor of Mechanical Engineering        C-A 9,800
24. Leo C. Pigage, Professor of Mechanical Engineering        C-A 10,000
25. Eugene I. Radzimovsky, Professor of Mechanical Engineering                            C-A 10,500
26. David G. Ryan, Professor of Mechanical Engineering       C-A 12,300
27. Francis S. Sze, Professor of Mechanical Engineering      C-A 9,700
28. Shao Lee Soo, Professor of Mechanical Engineering        C-A 12,500
29. K. J. Trigger, Professor of Mechanical Engineering        C-A 14,500
30. J. W. Bayne, Associate Professor of Mechanical Engineering                            C-A 8,100
31. Willard E. Bair, Associate Professor of Mechanical Engineering                          C-A 9,000
32. John R. Carroll, Associate Professor of Mechanical Engineering                         C-A 9,200
33. Wen Lung Chow, Research Associate Professor of Mechanical Engineering               S-A 8,700
34. David H. Cole, Associate Professor of Mechanical Engineering                                C-A 7,500
35. A. G. Friederich, Associate Professor of Mechanical Engineering                          C-A 7,500
36. Thornton W. Price, Associate Professor of Mechanical Engineering                          C-A 9,300
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38. C. J. Starr, Associate Professor, Emeritus                             C-R
39. Wilbert F. Stoecker, Associate Professor of Mechanical Engineering                                C-A 8,800
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41. John L. Whitehead, Associate Professor of Mechanical Engineering                          C-A 7,900
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44. David H. Offner, Assistant Professor of Mechanical Engineering                           C-B 7,300
45. Charles M. Phipps, Jr., Assistant Professor of Mechanical Engineering                    C-B 7,000
46. George F. Schrader, Assistant Professor of Mechanical Engineering                        C-B 10,700
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48. James L. French, Instructor in Mechanical Engineering                           C-D 6,000
49. Ronald H. Howell, Instructor in Mechanical Engineering                           C-D 5,500
50. Donald L. Mykkkanen, Instructor in Mechanical Engineering                           C-D 7,200
51. Morse B. Singer, Instructor in Mechanical Engineering                           C-D 6,800
52. Ronald L. Smoot, Instructor in Mechanical Engineering                           C-D 6,300
53. Robert A. White, Instructor in Mechanical Engineering                           C-D 5,500
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54. A. D. Wright, Instructor, Emeritus .......................... C-R
55. ———, Instructor in Mechanical Engineering ................ C-D
56. George P. Anderson, Lecturer in Industrial Engineering . C-D
57. Stephen R. Davis, Lecturer in Mechanical Engineering . C-D
58. H. Karl Ihrig, Jr., Lecturer in Mechanical Engineering . D
59. B. F. von Turkovich, Lecturer in Industrial Engineering . C-D
60. ———, Lecturer in Mechanical Engineering ............... C-D
61. Howard L. Schmidt, Assistant in Mechanical Engineering C-E
62. ———, Full Time Equivalent Assistants. .................... S-E
63. ———, 0.25 Full Time Equivalent Assistants. ............. S-DY
64. Nonacademic Salaries ........................................ C
65. Wages ................................................................ S-
66. Expense ................................................................ C
67. Equipment ................................................................ S
68. Total, Wages, Expense, and Equipment ..................... C
69. Total, Mechanical and Industrial Engineering ............ $686 266

Cooperative Investigations
INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS —
STEAM AND WATER HEAT
Account Number 44-22-40-342
1. Warren S. Harris, Professor of Mechanical Engineering S-AY $ 13 000
2. Robert R. Laschober, Research Associate in Mechanical Engineering ............ S-DY 7 800
Total, Institute of Boiler and Radiator Manufacturers —
Steam and Water Heat ................................. $ 20 800

NATIONAL WARM AIR HEATING — FURNACES
Account Number 44-22-40-356
1. Edward J. Brown, Research Assistant Professor of Mechanical Engineering .......... S-BY $ 8 200

U.S. ARMY ORDNANCE 1980
Account Number 46-22-40-305
1. Hsin Lang Li, Research Assistant Professor of Mechanical Engineering .......... D $ 6 300

Mining and Metallurgical Engineering
Account Number 00-22-50-100; College 00-22-50-100; Station 00-22-50-300
1. Thomas A. Read, Professor of Metallurgical Engineering and Head of Department C-A $ 17 500
(On leave with pay first semester 1960-61)
2. Robert W. Balluffi, Professor of Physical Metallurgy S-ZA50 5 100
(Total Salary) .................................................. (10 200)
3. Paul A. Beck, Professor of Physical Metallurgy S-A 14 400
4. Robert W. Bohl, Professor of Metallurgical Engineering C-A 9 600
5. W. H. Bruckner, Professor of Metallurgical Engineering S-ZA50 5 000
(Total Salary) .................................................. (10 000)
6. William R. Chedsey, Professor of Mining Engineering, Emeritus .......................... C-R .....
7. Earl J. Eckel, Professor of Metallurgical Engineering C-A 10 400
8. David S. Lieberman, Professor of Metallurgical Engineering .......................... C-A 9 200
9. Marvin Metzger, Professor of Physical Metallurgy S-A 9 200
10. Bernard G. Ricketts, Professor of Metallurgical Engineering ......................... C-A 10 200
11. Walter D. Reese, Professor of Petroleum Engineering ................................. C-A 10 800
12. Norman Street, Professor of Petroleum Engineering ................................. C-A 9 600
13. Robb M. Thomson, Professor of Physical Metallurgy ................................. C-A 9 100
Cooperative Investigations

**U.S. Air Force 6770**
Account Number 46-22-50-305
1. Chin H. Cheng, Research Associate in Mining and Metallurgical Engineering. S-DY 7 000
2. Chuan-Tseng Wei, Research Associate in Mining and Metallurgical Engineering. S-DY 7 000
Total, U.S. Air Force 6770. $14 000

**U.S. Air Force 212**
Account Number 46-22-50-307
1. Erwin K. Weise, Associate Professor of Metallurgical Engineering. S-ZBY60 5 450

**U.S. Air Force 420**
Account Number 46-22-50-309
1. Vittorio Celli, Research Associate in Mining and Metallurgical Engineering. S-DY 6 900
2. Milton N. Kabler, Research Associate in Mining and Metallurgical Engineering. S-DY 6 900
3. Ross N. Tucker, Research Associate in Mining and Metallurgical Engineering. S-DY 6 900
Total, U.S. Air Force 420. $20 700

**U.S. Army Ordnance 1175**
Account Number 46-22-50-314
1. Klaus Schroder, Research Assistant Professor of Metallurgical Engineering. S-BY 8 000

**U.S. N.O.B.S. 77012**
Account Number 46-22-50-359
1. W. H. Bruckner, Professor of Metallurgical Engineering S-ZA50 5 000
### Nuclear Engineering

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### Physics

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**Cooperative Investigations**

**U.S. Air Force 528**
Account Number 46-22-55-303
1. Allen H. Miller, Research Associate | S-DY | $7,300 |

**U.S. Air Force 529**
Account Number 46-22-55-305
1. T. Muppur Srinivasan, Research Associate | S-DY | $7,000 |

**U.S. Air Force 579**
Account Number 46-22-55-306
1. Gianni Ascarelli, Research Associate | S-DY | $7,500 |
2. Taizo Masumi, Research Associate | S-DY | 7,000 |
   Total, U.S. Air Force 579 |  | $14,500 |

**U.S. Air Force 781**
Account Number 46-22-55-309
1. Mark N. McDermott, Research Associate | S-DY | $7,500 |

**U.S. Air Force 594**
Account Number 46-22-55-307
1. William P. Swanson, Research Associate | S-DY | $7,500 |

**U.S. Army Ordnance 1001**
Account Number 46-22-55-312
1. Frederik W. Dewette, Research Assistant Professor | S-DY | $8,400 |
2. Robert D. Puff, Research Associate | S-DY | 7,800 |
   Total, U.S. Army Ordnance 1001 |  | $16,200 |

**U.S. Army Ordnance 3134**
Account Number 46-22-55-318
1. Donald M. Ginsberg, Assistant Professor | S-D | $7,200 |

**U.S. Atomic Energy Commission Project 3**
Account Number 46-22-55-320
1. Robert V. Coleman, Research Assistant Professor | S-DY | $8,000 |
2. Colin P. Flynn, Research Associate | S-DY | 7,000 |
   Total, U.S. Atomic Energy Commission Project 3 |  | $15,000 |

**U.S. Atomic Energy Commission Project 22**
Account Number 46-22-55-321
1. William A. Steyert, Jr., Research Associate | S-DY | $7,300 |

**U.S. Atomic Energy Commission 182**
Account Number 46-22-55-322
1. Robert W. Balluffi, Professor of Physical Metallurgy | S-ZA50 | $5,100 |
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13. James M. Robertson, Professor ........................................ (C-ZA50 5 700)
    (Total Salary) ................................................................. (S-ZA50 5 700)
14. W. L. Schwalbe, Professor, Emeritus ............................. C-R
15. F. B. Seely, Professor, Emeritus ....................................... C-R
16. Omar M. Sidebottom, Professor ........................................ (C-ZA50 5 250)
    (Total Salary) ................................................................. (S-ZA50 5 250)
17. George M. Sinclair, Professor .......................................... S-A 11 700
18. James O. Smith, Professor ............................................... C-A 13 000
19. Marvin Stipes, Professor ................................................ (C-ZA50 5 000)
    (Total Salary) ................................................................. (S-ZA50 5 000)
20. Charles E. Taylor, Professor ........................................... (C-ZA50 5 500)
    (Total Salary) ................................................................. (S-ZA50 5 500)
21. Harry R. Wetenkamp, Professor ........................................ C-A 9 600
22. Will J. Worley, Professor ............................................... (C-ZA50 4 600)
    (Total Salary) ................................................................. (S-ZA50 4 600)
23. ————, Professor .............................................................. (C-A50 6 400)
    (Total Salary) ................................................................. (S-A50 6 400)
24. Marilyn E. Clark, Associate Professor ............................. C-A 8 800
25. Thaddeus M. Elsesser, Associate Professor ......................... C-A 7 700
26. JoDean Morrow, Associate Professor .................................. (C-A50 4 200)
    (Total Salary) ................................................................. (S-A50 4 200)
27. Frederick G. Bauling, Assistant Professor ......................... C-B 7 200
28. Albert C. Bianchini, Assistant Professor .......................... (C-B50 3 700)
    (Total Salary) ................................................................. (S-B50 3 700)
29. George Costello, Assistant Professor ............................... C-B 7 000
30. Horatio M. Fitch, Assistant Professor .............................. C-B 7 500
31. Russell S. Jensen, Associate Professor ............................. C-B 7 400
32. Robert E. Miller, Assistant Professor .............................. C-B 7 500
33. ————, Assistant Professor ............................................. C-B 6 900
34. ————, Assistant Professor ............................................. C-B 6 600
35. Donald F. Adams, Instructor ........................................... C-D50 2 600
36. Philip E. Bennett, Instructor .......................................... C-Z1D50 2 700
    (Total Salary) ................................................................. (C-D50 5 460)
37. Donald L. Dewhirst, Instructor ....................................... C-D 5 300
38. Edward D. Gurley, Instructor .......................................... C-D 5 400
39. Raymond Haggland, Instructor .......................................... C-D50 2 900
40. Kent L. Lawrence, Instructor .......................................... C-D50 2 900
41. Algirdas Marchertas, Instructor ...................................... C-D50 2 600
42. John W. Murdock, Instructor .......................................... C-D 5 800
43. Bruce G. Rogers, Instructor ........................................... C-D 5 600
44. Jerry W. Schweiker, Instructor ....................................... C-D 5 900
45. Dale B. Taulbee, Instructor ........................................... C-D50 2 700
46. ————, Instructor ............................................................ C-D 5 090
47. ————, Instructor ............................................................ C-ZD50 3 150
    (Total Salary) ................................................................. (C-D50 6 300)
48. ————, Instructor ............................................................ C-D50 2 700
49. ————, Instructor ............................................................ C-D50 2 700
50. ————, Instructor ............................................................ C-D 5 600
51. ————, Instructor ............................................................ C-D 5 800
52. 3,500 Full Time Equivalent Assistants ............................. C-E 14 500
Nonacademic Salaries ......................................................... C 38 970
Nonacademic Salaries ......................................................... S 21 440
Wages ................................................................. (Total Salaries) (C 428 360)
Wages ................................................................. (C 2 560)
Expenses ............................................................. (S 1 720)
                                                                 (C 8 800)
Expense .................................................. S 5 000
Equipment ............................................... C 6 500
Equipment ............................................... S 5 500
Total, Wages, Expense, and Equipment ....................... (30 090)
Total, Theoretical and Applied Mechanics ..................... $4584 440

Theoretical and Applied Mechanics Testing Revolving
Account Number 12-22-60-382
Expense .................................................. S $14 000
Total, Theoretical and Applied Mechanics Testing Revolving .... $14 000

Cooperative Investigations
AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS
Account Number 44-22-60-305
1. Ralph E. Cramer, Research Associate Professor of Engineering Materials.
   (Total Salary) ........................................... S-ZDY75 $ 8 100
   (Total Salary) ........................................... (10 800)
U.S. AIR FORCE 5658
Account Number 46-22-60-301
1. Bichara B. Muvdi, Research Associate ................. S-D$50 $ 2 700
U.S. ARMY ORDNANCE 593
Account Number 46-22-60-304
1. C. W. Tseng, Research Assistant Professor .......... S-B $ 6 300
2. Morris Stern, Research Associate .................... S-D $ 6 200
Total, U.S. Army Ordnance 593 ........................................... $12 500
U.S. AIR FORCE 5153
Account Number 46-22-60-305
1. Hao Wen Liu, Research Assistant Professor .......... S-ZB$50 $ 3 150
   (Total Salary) ........................................... (6 300)
2. Philip E. Bennett, Instructor .......................... S-ZD$50 $ 2 700
Total, U.S. Air Force 5153 ........................................... $ 5 850
U.S. N.O.B.S. 72069
Account Number 46-22-60-354
1. Richard W. Hradek, Research Associate .......... S-D $ 5 200
U.S. OFFICE OF NAVAL RESEARCH 2947-01X
Account Number 46-22-60-370
1. Ralph E. Cramer, Research Associate Professor of Engineering Materials.
   (Total Salary) ........................................... S-ZDY25 $ 2 700
2. Hao Wen Liu, Research Assistant Professor .......... S-ZB$50 $ 3 150
Total, U.S. Office of Naval Research 2947-01X .................. $ 5 850

STATE OF ILLINOIS DIVISION OF HIGHWAYS —
FATIGUE FAILURE IN CONCRETE
Account Number 47-22-60-325
1. James M. Doyle, Research Associate ................. S-D$50 $ 2 500

COLLEGE OF FINE AND APPLIED ARTS

General

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<tr>
<td>Administration</td>
<td>$ 45 420</td>
<td>$ 9 900</td>
<td>$ 55 320</td>
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<tr>
<td>Special Art Project</td>
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<tr>
<td>Architecture</td>
<td>$ 428 830</td>
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<tr>
<td>Art</td>
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<td>$ 21 200</td>
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<td>City Planning and Landscape Architecture</td>
<td>$ 102 280</td>
<td>$ 3 800</td>
<td>$ 106 080</td>
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<td>School of Music</td>
<td>$ 646 500</td>
<td>$ 50 000</td>
<td>$ 696 500</td>
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<tr>
<td>University of Illinois Bands</td>
<td>$ 39 430</td>
<td>$ 18 300</td>
<td>$ 57 730</td>
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<tr>
<td>Krannert Art Museum</td>
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<td>Total, Instruction (1 700 870)</td>
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<td>(1 844 170)</td>
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### Organized Research

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<td>Small Homes Council</td>
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<td>Bureau of Community Planning</td>
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### Student Aid

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<th>Salaries</th>
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<td>School of Music Scholarships</td>
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<td>Total, Student Aid</td>
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<td>Total, General</td>
<td>$186,170</td>
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### Restricted

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<td>Music Records Revolving</td>
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<td>University of Illinois Bands Revolving</td>
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<tr>
<td>Estimated Endowment Income</td>
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<td>Total, Instruction</td>
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### Administration

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<th>Salaries</th>
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<tr>
<td>Account Number 00-24-01-100</td>
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</table>
1. Allen S. Weller, Dean | ZBY | $21,000 | |
2. Rexford Newcomb, Dean and Professor of Architecture, Emeritus | R | | |
3. C. E. Palmer, Associate Dean, Emeritus | ZR | | |
4. Robert P. Link, Associate Dean | ZBY | 13,500 | |
| Nonacademic Salaries | | | |
| Total, Salaries | (45,420) | | |
| Wages | 700 | | |
| Expense | 2,500 | | |
| Special Art Project | 14,500 | | |
| Contingent | 5,000 | | |
| Convention Travel | 7,000 | | |
| Nonrecurring Unassigned | (2,000) | | |
| Equipment | 1,700 | | |
| Total, Wages, Expense, and Equipment | (37,400) | | |
| Total, Administration | $76,820 | | |

### Architecture

<table>
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<th>Salaries</th>
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<td>Account Number 00-24-05-100</td>
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1. Alan K. Laing, Professor | A | $16,000 | |
2. Linwood J. Brightbill, Professor of Architectural Engineering | B | 11,750 | |
3. Walter L. Creese, Professor | A | 10,150 | |
4. O. S. Fjelde, Professor | A | 10,600 | |
5. Gabriel Guevrekian, Professor | A | 11,000 | |
6. Rudard A. Jones, Research Professor | ZAY | | |
7. Granville S. Keith, Professor | A | 14,300 | |
8. F. M. Lescher, Professor, *Emeritus* ........................................... R  
9. D. B. Lindsay, Professor ........................................... A  
10. Robert P. Link, Professor ........................................... ZAY  
11. E. I. Love, Professor ........................................... A  
12. Fred D. Miles, Professor ........................................... A  
13. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
14. L. H. Provine, Professor, *Emeritus* ........................................... R  
15. Robert J. Smith, Professor ........................................... A  
16. F. M. Lescher, Professor, Emeritus ........................................... A  
17. D. B. Lindsay, Professor ........................................... A  
18. Robert P. Link, Professor ........................................... ZAY  
19. E. I. Love, Professor ........................................... A  
20. Fred D. Miles, Professor ........................................... A  
21. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
22. L. H. Provine, Professor, *Emeritus* ........................................... R  
23. Robert J. Smith, Professor ........................................... A  
24. F. M. Lescher, Professor, Emeritus ........................................... A  
25. D. B. Lindsay, Professor ........................................... A  
26. Robert P. Link, Professor ........................................... ZAY  
27. E. I. Love, Professor ........................................... A  
28. Fred D. Miles, Professor ........................................... A  
29. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
30. L. H. Provine, Professor, *Emeritus* ........................................... R  
31. Robert J. Smith, Professor ........................................... A  
32. F. M. Lescher, Professor, Emeritus ........................................... A  
33. D. B. Lindsay, Professor ........................................... A  
34. Robert P. Link, Professor ........................................... ZAY  
35. E. I. Love, Professor ........................................... A  
36. Fred D. Miles, Professor ........................................... A  
37. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
38. L. H. Provine, Professor, *Emeritus* ........................................... R  
39. Robert J. Smith, Professor ........................................... A  
40. F. M. Lescher, Professor, Emeritus ........................................... A  
41. D. B. Lindsay, Professor ........................................... A  
42. Robert P. Link, Professor ........................................... ZAY  
43. E. I. Love, Professor ........................................... A  
44. Fred D. Miles, Professor ........................................... A  
45. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
46. L. H. Provine, Professor, *Emeritus* ........................................... R  
47. Robert J. Smith, Professor ........................................... A  
48. F. M. Lescher, Professor, Emeritus ........................................... A  
49. D. B. Lindsay, Professor ........................................... A  
50. Robert P. Link, Professor ........................................... ZAY  
51. E. I. Love, Professor ........................................... A  
52. Fred D. Miles, Professor ........................................... A  
53. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
54. L. H. Provine, Professor, *Emeritus* ........................................... R  
55. Robert J. Smith, Professor ........................................... A  
56. F. M. Lescher, Professor, Emeritus ........................................... A  
57. D. B. Lindsay, Professor ........................................... A  
58. Robert P. Link, Professor ........................................... ZAY  
59. E. I. Love, Professor ........................................... A  
60. Fred D. Miles, Professor ........................................... A  
61. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
62. L. H. Provine, Professor, *Emeritus* ........................................... R  
63. Robert J. Smith, Professor ........................................... A  
64. F. M. Lescher, Professor, Emeritus ........................................... A  
65. D. B. Lindsay, Professor ........................................... A  
66. Robert P. Link, Professor ........................................... ZAY  
67. E. I. Love, Professor ........................................... A  
68. Fred D. Miles, Professor ........................................... A  
69. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
70. L. H. Provine, Professor, *Emeritus* ........................................... R  
71. Robert J. Smith, Professor ........................................... A  
72. F. M. Lescher, Professor, Emeritus ........................................... A  
73. D. B. Lindsay, Professor ........................................... A  
74. Robert P. Link, Professor ........................................... ZAY  
75. E. I. Love, Professor ........................................... A  
76. Fred D. Miles, Professor ........................................... A  
77. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
78. L. H. Provine, Professor, *Emeritus* ........................................... R  
79. Robert J. Smith, Professor ........................................... A  
80. F. M. Lescher, Professor, Emeritus ........................................... A  
81. D. B. Lindsay, Professor ........................................... A  
82. Robert P. Link, Professor ........................................... ZAY  
83. E. I. Love, Professor ........................................... A  
84. Fred D. Miles, Professor ........................................... A  
85. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
86. L. H. Provine, Professor, *Emeritus* ........................................... R  
87. Robert J. Smith, Professor ........................................... A  
88. F. M. Lescher, Professor, Emeritus ........................................... A  
89. D. B. Lindsay, Professor ........................................... A  
90. Robert P. Link, Professor ........................................... ZAY  
91. E. I. Love, Professor ........................................... A  
92. Fred D. Miles, Professor ........................................... A  
93. C. E. Palmer, Professor of Architectural Engineering, *Emeritus* ........................................... ZR  
94. L. H. Provine, Professor, *Emeritus* ........................................... R  
95. Robert J. Smith, Professor ........................................... A  
96. F. M. Lescher, Professor, Emeritus ........................................... A  
97. D. B. Lindsay, Professor ........................................... A  
98. Robert P. Link, Professor ........................................... ZAY  
99. E. I. Love, Professor ........................................... A  
100. Fred D. Miles, Professor ........................................... A  

**Total, Salaries** .......................................................... (428,830)  

**Wages** ................................................................. 800  
**Expense** ............................................................... 7,700  
**Equipment** ............................................................. 2,530  
**Total, Wages, Expense, and Equipment** .................................................. (11,030)  
**Total, Architecture** .................................................. $439,830  

**Account Number 00-24-10-100**  
1. James R. Shipley, Professor and Head of Department A  
2. LaForce Bailey, Professor, *Emeritus* ........................................... R  
3. Edward H. Betts, Professor ........................................... A  
4. C. E. Bradbury, Professor, *Emeritus* ........................................... R  

**Art**  

Account Number 00-24-10-100  
1. James R. Shipley, Professor and Head of Department A  
2. LaForce Bailey, Professor, *Emeritus* ........................................... R  
3. Edward H. Betts, Professor ........................................... A  
4. C. E. Bradbury, Professor, *Emeritus* ........................................... R
| 5. Nicholas Britsky, Professor | A | 9 700 |
| 6. Lee R. Chesney, Professor | A | 9 700 |
| 7. Charles A. Dietemann, Professor | A | 10 000 |
| 8. C. V. Donovan, Professor | ZAD50 | 6 850 |
| (Total Salary) | | (13 700) |
| 9. W. F. Doolittle, Professor | A | 12 000 |
| 10. James D. Hogan, Professor | A | 11 000 |
| 11. J. William Kennedy, Professor | A | 10 200 |
| 12. Edwin C. Rae, Professor | A | 10 100 |
| 13. Frank J. Roos, Jr., Professor | A | 10 800 |
| 14. Harold A. Schultz, Professor | ZAD50 | 5 800 |
| (Total Salary) | | (11 600) |
| 15. Allen S. Weller, Professor | ZAY | |
| 16. Louise M. Woodroofe, Professor, Emerita | R | |
| 17. Professor | A | 9 600 |
| 18. Professor | A | 10 000 |
| 19. Glenn R. Bradshaw, Associate Professor | A | 9 000 |
| 20. Carleton W. Briggs, Associate Professor | A | 8 900 |
| 21. George N. Foster, Associate Professor | A | 8 000 |
| 22. Donald E. Frith, Associate Professor | A | 7 500 |
| 23. R. E. Hult, Associate Professor | A | 8 800 |
| 24. Kenneth M. Lansing, Associate Professor | ZAD50 | 4 050 |
| (Total Salary) | | (8 100) |
| 25. Marvin B. Martin, Associate Professor | A | 9 000 |
| 26. Raymond Perlman, Associate Professor | A | 9 000 |
| 27. John Rauschenberger, Associate Professor | A | 8 900 |
| 28. Mark Sprague, Associate Professor | A | 8 500 |
| 29. Robert A. Von Neumann, Associate Professor | A | 7 800 |
| 30. Edward J. Zagorski, Associate Professor | A | 9 000 |
| 31. Nicola Ziroli, Associate Professor | A | 8 400 |
| 32. Carl R. Heldt, Assistant Professor | B | 6 900 |
| 33. Billy M. Jackson, Assistant Professor | B | 6 300 |
| 34. James H. G. Lynch, Assistant Professor | B | 7 500 |
| 35. Dwight C. Miller, Assistant Professor | B | 6 500 |
| 36. Charles W. Sanders, Assistant Professor | B | 8 200 |
| 37. Arthur R. Sinsabaugh, Assistant Professor | B | 7 500 |
| 38. Harry F. Breen, Jr., Instructor | ZAD50 | 3 000 |
| (Total Salary) | | (6 000) |
| 39. Raymond B. Brown, Instructor | D | 5 200 |
| 40. Ernest F. DeSoto, Instructor | D | 5 400 |
| 41. William Fothergill, Jr., Instructor | D | 6 500 |
| 42. Frank Gallo, Instructor | D | 5 500 |
| 43. Thomas H. Garver, Instructor | ZADY | |
| 44. Norman T. McFarland, Instructor | D | 6 700 |
| 45. Alvin D. Moore, Instructor | D | 5 800 |
| 46. Leonard H. Price, Instructor | D | 6 400 |
| 47. G. David Shaner, Instructor | D | 5 500 |
| 48. Eugene C. Wicks, Instructor | D | 5 600 |
| 49. Instructor | D | 5 600 |
| 50. Instructor | D | 5 300 |
| 51. Instructor | D | 5 400 |
| 52. Instructor | D | 5 300 |
| 53. Instructor | D | 5 300 |
| 54. Instructor | D | 5 300 |
| 55. 600 Full Time Equivalent Assistants | E | 23 700 |

**Nonacademic Salaries**

| Total, Salaries | (414 980) |
| Wages | 8 000 |
| Expense | 10 000 |
| Equipment | 3 200 |

**Total, Wages, Expense, and Equipment**

| (21 200) |
| Total, Art | $436 180 |
City Planning and Landscape Architecture

Account Number 00-24-15-100

1. Louis B. Wetmore, Professor of City and Regional Planning and Head of Department........................................... ZA $14,700
2. Harland Bartholomew, Professor, Emeritus........................................ R
3. William I. Goodman, Professor of City Planning.......................... A $10,600
4. Brian Hackett, Visiting Professor of Landscape Architecture........... FY $11,000
   (Effective March 1, 1960, to February 28, 1962)
5. Walter M. Keith, Professor.................................................. A $10,600
6. Karl B. Lohmann, Professor of City and Regional Planning, Emeritus R
7. Florence B. Robinson, Professor, Emerita..................................... R
8. O. G. Schaffer, Professor, Emeritus........................................ R
9. Stanley White, Professor, Emeritus........................................ R
10. Robert D. Katz, Professor of City Planning............................... A $9,050
11. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture ZAY40 (Total Salary) $4,550 (11,250)
12. I. L. Peterson, Associate Professor of Landscape Architecture, Emeritus R
13. Thomas C. Hazlett, Assistant Professor of Landscape Architecture B $7,350
14. Robert D. Katz, Assistant Professor of City and Regional Planning B $7,700
15. Alan G. Winslow, Instructor in Landscape Architecture................ E $4,750
16. 1.25 Full Time Equivalent Assistants.................................... E $3,780
   Total, Salaries................................................................. (102,280)
Wages................................................................................. 200
Expense................................................................. 2,500
Equipment................................................................. 1,100
Total, Wages, Expense, and Equipment........................................ (3,800)
Total, City Planning and Landscape Architecture................................ $106,080

Bureau of Community Planning

Account Number 00-24-16-400

1. Louis B. Wetmore, Director.................................................. ZA $11,300
   (On leave with pay first semester 1960-61)
2. Victor A. Hyde, Professor of Community Planning...................... AY
3. Joseph M. Heikoff, Assistant Director, Associate Professor of Regional Planning BY $13,500
4. Scott Keyes, Associate Professor of Regional Planning ZAY40 (Total Salary) $6,700 (11,250)
5. Philip H. Lewis, Jr., Associate Professor of Landscape Architecture ZAY40 (Total Salary) $1,700 (9,500)
6. George T. Marcou, Associate Professor of Community Planning AY $9,300
7. Jerome Kaufman, Assistant Professor of Community Planning................ BY $8,150
8. Eric C. Freund, Instructor in Community Planning.................... DY $7,700
9. 1.25 Full Time Equivalent Assistants.................................... E $4,750
   Nonacademic Salaries....................................................... 10,470
   Total, Salaries................................................................. (65,675)
Wages................................................................................. 500
Expense................................................................. 5,275
Expense Nonrecurring....................................................... (800)
Total, Wages, Expense, and Equipment........................................ (5,775)
Total, Bureau of Community Planning........................................ $71,645
Cooperative Investigations
STATE OF ILLINOIS DIVISION OF HIGHWAYS — TRAFFIC
LINKAGE PATTERN
Account Number 47-24-16-383
1. George W. Greenwood, Research Associate in Civil Engineering. ZD50 $ 3 300
   (Total Salary) ........................................ (6 600)

School of Music
Account Number 00-24-25-100
1. Duane A. Branigan, Director. AY{ $ 18 400
   Professor ........................................ AY{ $ 18 400
2. Andrew Morris Carter, Assistant to Director. AY75 7 700
   Associate Professor ............................ A25 2 100
   (Total Salary) .................................. (9 800)
3. Bjornar Bergethon, Professor. A 11 400
4. Gordon W. Binkerd, Professor. A 9 300
5. Dorothy E. Bowen, Professor. A 9 750
6. Harold A. Decker, Professor. A 11 500
7. Stanley Fletcher, Professor. A 11 600
   (On leave with one-half pay 1960-61)
8. Bruce R. Foote, Professor. A 11 800
9. John C. Garvey, Professor. A60/ 9 700
   Artist in Residence ............................ D40/ 9 700
10. Scott Goldthwaite, Professor. A 11 100
11. Bernard M. Goodman, Professor. A60/ 10 500
12. Mark H. Hindsley, Professor. A ZA33 4 100
   (Total Salary) .................................. (14 400)
13. Hubert Kessler, Professor. A 11 600
14. John M. Kyypers, Professor. A 10 000
   (On leave without pay two years from September 1, 1959)
15. Charles Leonhard, Professor. A 12 100
16. R. H. Miles, Professor. A 11 700
17. Paul S. Pettinga, Professor. ZA75 7 800
   (Total Salary) .................................. (10 400)
18. Burrill Phillips, Professor. A 11 800
   (On leave with one-half pay first semester and without pay second semester 1960-61)
19. Dragan Plamenac, Professor. A 12 000
   (On leave with pay second semester 1960-61)
20. Paul Rolland, Professor. A 11 200
   (On leave with one-half pay 1960-61)
21. W. L. Roosa, Professor, Emeritus. R .......
22. Homer C. Schmitt, Professor. A60/ 9 200
   Artist in Residence ............................ D40/ 9 200
23. Sherman Schoonmaker, Professor. A 11 200
24. Haskell O. Sexton, Professor. ZA75 7 150
   (Total Salary) .................................. (9 300)
25. Soulima Stravinsky, Professor. A 11 600
26. Robert H. Swenson, Professor. A60/ 9 300
   Artist in Residence ............................ D40/ 9 300
27. Edith M. Usry, Professor, Emeritus. R .......
28. Gilbert R. Waller, Professor. ZA50 4 825
   (Total Salary) .................................. (9 650)
29. Jane C. Watt, Professor. A 10 000
30. Velma K. Wilson, Professor. ZA67 6 520
   (Total Salary) .................................. (9 750)
31. Ludwig Zirner, Professor. A 10 200
32. Jean Berger, Associate Professor. A (Paid from item 14)
   (Paid from item 14)
<table>
<thead>
<tr>
<th>#</th>
<th>Name</th>
<th>Designation</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Guy M. Duker</td>
<td>Associate Professor</td>
<td>ZA33 $2,800</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Total Salary)</td>
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</tr>
<tr>
<td>34</td>
<td>Beth B. Eisner</td>
<td>Associate Professor</td>
<td>R $9,750</td>
</tr>
<tr>
<td>35</td>
<td>LeRoy Hamp</td>
<td>Associate Professor</td>
<td>A $7,900</td>
</tr>
<tr>
<td>36</td>
<td>George H. Hunter</td>
<td>Associate Professor</td>
<td>A $8,700</td>
</tr>
<tr>
<td>37</td>
<td>King Kellogg</td>
<td>Associate Professor</td>
<td>A $8,000</td>
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<td></td>
<td>(On leave with pay first semester 1960-61)</td>
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<tr>
<td>38</td>
<td>J. Robert Kelly</td>
<td>Associate Professor</td>
<td>A $8,850</td>
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<td></td>
<td>(On leave with pay second semester 1960-61)</td>
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<tr>
<td>39</td>
<td>Colleen J. Kirk</td>
<td>Associate Professor</td>
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<td>40</td>
<td>Everett D. Kisinger</td>
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<td></td>
<td>(Total Salary)</td>
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<td>$9,860</td>
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<td>41</td>
<td>A. J. McDowell</td>
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<td>ZA75 $6,400</td>
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<td></td>
<td>(Total Salary)</td>
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<td>$8,900</td>
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<tr>
<td>42</td>
<td>John Paul Painter</td>
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<td>W. George Reeves</td>
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<td>44</td>
<td>Claire L. Richards</td>
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<td>A $8,400</td>
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<tr>
<td>45</td>
<td>Alexander L. Ringer</td>
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<td>A $10,400</td>
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<td>46</td>
<td>Grace E. Wilson</td>
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<td>A $8,500</td>
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<tr>
<td>47</td>
<td>James Louis Bailey</td>
<td>Associate Professor</td>
<td>B $7,200</td>
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<td>48</td>
<td>Dorothy E. Clark</td>
<td>Associate Professor</td>
<td>B $6,900</td>
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<td>49</td>
<td>Willis R. Coggins</td>
<td>Associate Professor</td>
<td>B $7,000</td>
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<td>50</td>
<td>Charles O. DeLaney</td>
<td>Associate Professor</td>
<td>B $7,400</td>
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<td>51</td>
<td>Peter S. Farrell</td>
<td>Associate Professor</td>
<td>B $7,600</td>
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<td>52</td>
<td>Robert E. Gray</td>
<td>Associate Professor</td>
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<td>53</td>
<td>Lejaren A. Hiller Jr.</td>
<td>Assistant Professor</td>
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<td></td>
<td>(Total Salary)</td>
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<td>$7,600</td>
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<tr>
<td>54</td>
<td>Thomas L. Holden</td>
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<td>55</td>
<td>Ben B. Johnston Jr.</td>
<td>Assistant Professor</td>
<td>B $6,900</td>
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<tr>
<td>56</td>
<td>C. J. Kleinsteuber</td>
<td>Assistant Professor</td>
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<tr>
<td>57</td>
<td>Edward J. Krollick</td>
<td>Assistant Professor</td>
<td>B $6,600</td>
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<td>58</td>
<td>David A. Ledet</td>
<td>Assistant Professor</td>
<td>B $6,300</td>
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<tr>
<td>59</td>
<td>Jack H. McKenzie</td>
<td>Assistant Professor</td>
<td>ZB75 $5,185</td>
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<tr>
<td></td>
<td>(Total Salary)</td>
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<td>$6,900</td>
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<tr>
<td>60</td>
<td>William H. Miller</td>
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<tr>
<td>61</td>
<td>Daniel J. Perrino</td>
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<td>ZDY $7,700</td>
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<tr>
<td>62</td>
<td>Carolyn Powell</td>
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<td>63</td>
<td>Thomas S. Richardson</td>
<td>Assistant Professor</td>
<td>ZBY $6,700</td>
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<td>64</td>
<td>Dean W. Sanders</td>
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<td>B $6,700</td>
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<td>65</td>
<td>Raymond E. Williams</td>
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<td>(Total Salary)</td>
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<td>66</td>
<td>——</td>
<td>Assistant Professor</td>
<td>B $7,000</td>
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<td>67</td>
<td>Kathryn J. Sutherlin</td>
<td>Associate Emerita</td>
<td>R $6,200</td>
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<td>68</td>
<td>Edward S. Berry Jr.</td>
<td>Instructor</td>
<td>D $4,800</td>
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<tr>
<td>69</td>
<td>James L. Campbell</td>
<td>Instructor</td>
<td>D $4,900</td>
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<tr>
<td>70</td>
<td>L. Thomas Fredrickson</td>
<td>Instructor</td>
<td>D $6,900</td>
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<tr>
<td>71</td>
<td>Kenneth L. Gaburo</td>
<td>Instructor</td>
<td>D $6,800</td>
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<tr>
<td>72</td>
<td>James B. Lykac</td>
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<td>D $6,100</td>
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<td>73</td>
<td>George R. Mathis</td>
<td>Instructor</td>
<td>D $6,300</td>
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<td>74</td>
<td>Stella Percival</td>
<td>Instructor Emerita</td>
<td>R $5,150</td>
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<tr>
<td>75</td>
<td>Marilyn R. Pfleiderer</td>
<td>Instructor</td>
<td>ZD83 $5,150</td>
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<td>(Total Salary)</td>
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<td>$6,200</td>
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<td>76</td>
<td>Martin Picker</td>
<td>Instructor</td>
<td>D $5,800</td>
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<tr>
<td>77</td>
<td>Robert B. Smith</td>
<td>Instructor</td>
<td>ZD50 $1,200</td>
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<td></td>
<td>(Total Salary)</td>
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<td>78</td>
<td>Alan R. Thomas</td>
<td>Instructor</td>
<td>ZD33 $2,230</td>
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<td>(Total Salary)</td>
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<td>79</td>
<td>——</td>
<td>Instructor</td>
<td>D $5,000</td>
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<tr>
<td>80</td>
<td>Hunter Johnson</td>
<td>Visiting Composer</td>
<td>E $7,050</td>
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<td>(Paid from item 18)</td>
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<td>81</td>
<td>10:50 Full Time Equivalent Assistants</td>
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<td>82</td>
<td>Nonacademic Salaries</td>
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<td>$47,700</td>
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</table>

**Total Salaries**

$646,500
### University of Illinois

#### Wages
- 4,000
- 26,000
- 20,000

#### Expense
- 20,000

#### Equipment
- 50,000

#### Total, Wages, Expense, and Equipment
- 666,500

#### Total, School of Music
- 666,500

#### Music Revolving
- Account Number 12-24-25-170
- Expense: $1,200

#### Music Records Revolving
- Account Number 12-24-25-172
- Expense: $1,300

#### Scholarships
- Account Number 00-24-26-880
- Expense, Orchestra: $5,000

#### University of Illinois Bands

<table>
<thead>
<tr>
<th>Account Number 00-24-35-100</th>
<th>Mark H. Hindsley, Director</th>
<th>Total Salary</th>
<th>$10,210</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Haskell O. Sexton, Professor</td>
<td>(Total Salary)</td>
<td>2,350</td>
</tr>
<tr>
<td>2.</td>
<td>Guy M. Duker, Assistant to Director</td>
<td>(Total Salary)</td>
<td>6,950</td>
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<tr>
<td>3.</td>
<td>Everett D. Kisinger, Assistant Director</td>
<td>(Total Salary)</td>
<td>6,365</td>
</tr>
<tr>
<td>4.</td>
<td>A. J. McDowell, Associate Professor</td>
<td>(Total Salary)</td>
<td>2,100</td>
</tr>
<tr>
<td>5.</td>
<td>Jack H. McKenzie, Assistant Professor</td>
<td>(Total Salary)</td>
<td>1,715</td>
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<tr>
<td>6.</td>
<td>0.25 Full Time Equivalent Assistants</td>
<td>(Total Salary)</td>
<td>950</td>
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</table>

#### Nonacademic Salaries
- 8,790
- 8,430

#### Total, Salaries
- 17,220

#### University of Illinois Bands Revolving
- Account Number 12-24-35-170
- Expense: $5,000

#### Band Scholarship and Commencement Expense
- Account Number 00-24-36-880
- Expense: $6,000

#### Small Homes Council - Building Research Council

<table>
<thead>
<tr>
<th>Account Number 00-24-50-300</th>
<th>Rudard A. Jones, Director</th>
<th>ZBY</th>
<th>$14,800</th>
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</thead>
<tbody>
<tr>
<td>1.</td>
<td>William H. Kapple, Research Associate Professor of Architecture</td>
<td>ZAY</td>
<td>9,600</td>
</tr>
<tr>
<td>2.</td>
<td>Donald E. Brotherson, Research Assistant Professor of Architecture</td>
<td>ZBY</td>
<td>9,250</td>
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</tbody>
</table>
4. Donald H. Percival, Research Assistant Professor of Wood Technology and Utility, in Forestry .......... ZBY 7 800
5. Mary Z. Glockner, Editor with rank of Assistant Professor ................ BY 7 800
6. 0.12 Full Time Equivalent Assistants. ................. E 590
Nonacademic Salaries ........................................ 19 680
Total, Salaries ........................................ 69 430
Wages ......................................................... 1 400
Expense ....................................................... 5 500
Equipment .................................................... 1 000
Total, Wages, Expense, and Equipment .................... 7 900
Total, Small Homes Council — Building Research Council.................. $ 77 330

Small Homes Council Testing Revolving
Account Number 12-24-50-382
Expense ......................................................... $ 200
Total, Small Homes Council Testing Revolving .......... $ 200

Small Homes Council Publications Revolving
Account Number 12-24-50-466
Nonacademic Salaries ........................................ $ 2 820
Total, Salaries ............................................... (2 820)
Wages ......................................................... 3 000
Expense ....................................................... 30 950
Equipment .................................................... 500
Total, Wages, Expense, and Equipment .................... (34 450)
Total, Small Homes Council Publications Revolving .... $ 37 270

Krannert Art Museum
Account Number 00-24-80-100
1. C. V. Donovan, Director .................................. ZA50 $ 6 850
(Total Salary) .............................................. (13 790)
2. Thomas H. Garver, Assistant to Director ............... ZDY 7 000
3. 0.50 Full Time Equivalent Assistants ................. E 1 900
Nonacademic Salaries ....................................... 7 680
Total, Salaries ............................................... (23 430)
Expense and Equipment ..................................... 2 000
Exhibits and Lectures ..................................... 5 000
Total, Wages, Expense, and Equipment .................... (7 600)
Total, Krannert Art Museum ................................ $ 31 030

GRADUATE COLLEGE

<table>
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<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td>Administration</td>
<td>$114 120</td>
<td>$17 550</td>
<td>$131 670</td>
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<tr>
<td>Graduate Center for Advanced Study</td>
<td>40 375</td>
<td>(17 550)</td>
<td>(172 045)</td>
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<td>Total, Instruction</td>
<td>(154 495)</td>
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</table>

Organized Research

| Special Fund | 40 085 | 40 085 |
| Research | 80 250 | 74 000 | 154 250 |
| Digital Computer Laboratory | 203 130 | 96 030 | 299 160 |
| Illinois Historical Survey | 7 800 | 1 100 | 8 900 |
| Natural Areas and Uncultivated Lands | 4 803 | 850 | 5 653 |
| Physical Environment Unit | 8 004 | 4 250 | 12 254 |
| Radiocarbon Laboratory | 24 190 | 16 800 | 40 990 |
| General Publications | 50 500 | 50 500 |
| Total, Organized Research | (368 262) | (243 530) | (611 792) |

Student Aid

| Fellowships | 262 500 | 262 500 |
| Total, General | $522 757 | $523 580 | $1 046 337 |
Restricted

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thesis and Microfilm Revolving</td>
<td></td>
<td>$8,000</td>
<td>$8,000</td>
</tr>
</tbody>
</table>

Organized Research

| Estimated Indirect Costs            | $200,000 | $100,000                      | $300,000|
| Estimated Private Gifts             | 20,000   | 20,000                        | 40,000  |
| Estimated U.S. Contracts            | 220,000  | 250,000                        | 470,000|
| Total, Organized Research           | (440,000) | (370,000)                      | (810,000) |
| Total, Restricted                   | $440,000 | $378,000                      | $818,000|

Administration

Account Number 00-26-01-100

1. F. T. Wall, Dean (Total Salary) $19,200
   (Includes full time in the summer)
2. Harlan D. Bareither, Director of Central Office on the Use of Space (Total Salary) $3,000
   (Includes full time in the summer)
3. R. D. Carmichael, Dean, Emeritus (Total Salary) $7,700
4. J. Austin Ranney, Associate Dean (Total Salary) $12,500
   (Includes full time in the summer)
5. H. R. Snyder, Associate Dean (Total Salary) $7,800
6. Robert M. Sutton, Associate Dean (Total Salary) $15,600
7. Robert A. Schuiteman, Director of Office of Foreign Students (Total Salary) $4,750
   (Includes full time in the summer)
8. Helen M. Hay, Assistant to Dean (Total Salary) $9,400
   (Includes full time in the summer)

Nonacademic Salaries $53,020

Total, Salaries $114,120

Wages $1,450

Expense $11,500

Contingent $3,000

Convention Travel $600

Equipment $1,000

Total, Wages, Expense, and Equipment $17,550

Total, Administration $131,670

Thesis and Microfilm Revolving

Account Number 12-26-01-132

Expense $8,000

Total, Thesis and Microfilm Revolving $8,000

Radiation Hazards Workman’s Compensation

Account Number 44-26-01-316

1. Jerome J. Steerman, University Health Physicist with rank of Instructor (Total Salary) $9,100
2. Paul R. Hesselmann, Assistant Health Physicist (Total Salary) $7,200
3. 1.00 Full Time Equivalent Assistants (Total Salary) $5,000

Expense $5,000

Total, Radiation Hazards Workman’s Compensation $26,300

Special Fund

Account Number 00-26-05-300

1. Dallas W. Smythe, Research Professor of Communications (Total Salary) $6,200
2. Joseph J. Rotman, Research Associate in Mathematics D $5,800
3. Joe M. Parks, Research Associate in Chemistry...... DY 7 200
4. Paul J. Gans, Research Associate in Chemistry...... DY 6 900
5. ————, Research Associate................. DY 4 425
6. 1.00 Full Time Equivalent Assistants......................... E 3 800
Nonacademic Salaries .................................. 5 660
Total, Special Fund......................................... $ 40 085

**Indirect Costs — Special Graduate Fund**

Account Number 41-26-05-300

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<tbody>
<tr>
<td>1. Lejaren A. Hiller, Jr., Assistant Professor of Music..</td>
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<td>(Total Salary)</td>
<td>(7 800)</td>
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**Research**

Account Number 00-26-10-390

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<td>1. 21.00 Full Time Equivalent Assistants.................</td>
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<tr>
<td>Wages, Unassigned ............................................</td>
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<td>Expense, Unassigned ...........................................</td>
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<td>Equipment, Unassigned .......................................</td>
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<td>Total, Research ..............................................</td>
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**Graduate Research in Animal Science — Forbes**

Account Number 01-15-20-327

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<td>1. Desmond M. McAleese, Research Associate in Animal Science</td>
<td>S-ZDY 16</td>
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<td>(Total Salary)</td>
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**Digital Computer Laboratory**

Account Number 00-26-15-300

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<tbody>
<tr>
<td>1. David E. Muller, Research Professor of Applied Mathematics</td>
<td>AY 18 000</td>
</tr>
<tr>
<td>2. James E. Robertson, Research Professor of Electrical Engineering</td>
<td>ZA 12 900</td>
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<tr>
<td>3. James N. Snyder, Research Professor of Physics....</td>
<td>ZA 14 200</td>
</tr>
<tr>
<td>4. A. H. Taub, Research Professor of Applied Mathematics and Acting Head</td>
<td>ZA 13 000</td>
</tr>
<tr>
<td>5. Donald B. Gillies, Research Associate Professor of Applied Mathematics</td>
<td>ZAY 50 4 500</td>
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<tr>
<td>(Total Salary)</td>
<td>(10 000)</td>
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<tr>
<td>6. Bruce H. McCormick, Research Associate Professor..</td>
<td>A 10 000</td>
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<tr>
<td>7. Wolfgang Poppelbaum, Research Associate Professor of Electrical Engineering</td>
<td>ZAY 50 5 800</td>
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<tr>
<td>(Total Salary)</td>
<td>(16 000)</td>
</tr>
<tr>
<td>9. Lloyd D. Fosdick, Research Assistant Professor of Physics</td>
<td>ZB 9 000</td>
</tr>
<tr>
<td>10. Gernot A. Metze, Research Assistant Professor....</td>
<td>BY 8 500</td>
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<tr>
<td>11. Kern W. Dickman, Research Assistant.................</td>
<td>DY 7 000</td>
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<tr>
<td>12. 2.00 Full Time Equivalent Assistants.................</td>
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<tr>
<td>13. 1.00 Full Time Equivalent Assistants................</td>
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</tbody>
</table>
Nonacademic Salaries .................................. 50 130
Total, Salaries ........................................... (203 130)
Wages .................................................. 9 430
Expense ............................................ 71 000
Equipment ........................................... 15 000
Total, Wages, Expense, and Equipment ......... (169 030)
Total, Digital Computer Laboratory ........ $290 160

---

**Indirect Costs — Digital Computer 650 Rental**

Account Number 40-26-15-315

<p>| | |</p>
<table>
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<tbody>
<tr>
<td>Expense ..................................................</td>
<td>$ 15 000</td>
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Total, Indirect Costs — Digital Computer 650 Rental $ 15 000
Cooperative Investigations
U.S. Atomic Energy Commission 415
Account Number 46-26-15-303
1. H. C. Brearley, Jr., Research Assistant Professor......... ZBY75 $ 8 250
   (Total Salary) ............................................. (11 000)
2. Jacqueline W. Flenner, Research Assistant.................. E 3 800
3. Myron Melman, Research Assistant.......................... DY 8 250
   Total, U.S. Atomic Energy Commission 415.................. $ 20 300

U.S. National Science Foundation G9503
Account Number 46-26-15-357
1. Judith Blankfield, Research Associate....................... DY $ 6 115

Center for Advanced Study
Account Number 00-26-20-100
1. John Bardeen, Member...................................... ZG $ 1 500
   (Total Salary) ............................................. (21 500)
2. J. L. Doob, Member......................................... ZG 3 000
   (Total Salary) ............................................. (20 500)
3. R. C. Fuson, Member........................................ ZG 3 000
   (Total Salary) ............................................. (18 000)
4. Julian H. Steward, Member................................... ZG 3 000
   (Total Salary) ............................................. (17 500)
5. Richard E. Downs, Research Associate in Anthropology D 6 300
6. Frederic K. Lehman, Research Associate in Anthropology D 6 000
7. Salaries, Unassigned ....................................... 17 575
   Total, Center for Advanced Study.......................... $ 40 375

Electron Microscope Laboratory
U.S. National Science Foundation Program
Account Number 41-26-21-356
1. Rubin Borasky, Electron Micrographer....................... DY $ 9 600
   Total, U.S. National Science Foundation Program.......... $ 9 600

Illinois Historical Survey
Account Number 00-26-25-300
1. Marguerite J. Pease, Director with rank of Assistant Professor..... D50 $ 4 000
2. 1.00 Full Time Equivalent Assistants........................ E 3 800
   Total, Salaries ........................................... (7 800)
   Wages ...................................................... 400
   Expense .................................................. 500
   Equipment ................................................ 200
   Total, Wages, Expense, and Equipment........................ (1 100)
   Total, Illinois Historical Survey.......................... $ 8 900

Natural Areas and Uncultivated Land
Account Number 00-26-33-300
Nonacademic Salaries .......................................... $ 4 803
Expense ...................................................... 850
Total, Natural Areas and Uncultivated Land.................... $ 5 653

Physical Environment Unit
Account Number 00-26-35-300
1. M. K. Fahnestock, Chairman................................. ZDY $ 8 004
   Nonacademic Salaries ........................................ (8 004)
Expense .................................................. $ 2,250
Equipment .................................................. $ 2,000
Total, Wages, Expense, and Equipment.................. (4,250)
Total, Physical Environment Unit........................ $ 12,254

**Radiocarbon Laboratory**

Account Number 00-26-40-300

1. Robert F. Nystrom, Associate Professor of Chemistry AY $ 11,400
2. George Wolf, Associate Professor of Animal Nutrition ZAY $ 9,150
3. 0.50 Full Time Equivalent Assistants. E $ 1,900

Nonacademic Salaries .................................. $ 1,740
Total, Salaries ........................................... (24,190)
Wages ....................................................... $ 1,300
Expense .................................................. $ 12,500
Equipment .................................................. $ 3,000
Total, Wages, Expense, and Equipment................. (16,800)
Total, Radiocarbon Laboratory........................ $ 40,990

**General Publications**

Account Number 00-26-50-332

Expense, Illinois Studies................................ $ 12,500
Expense, Journal of English and Germanic Philology..... $ 4,000
Expense, General Publications........................... $ 4,000
Expense, Scholarly Publications.......................... $ 30,000
Total, General Publications............................... $ 50,500

**Fellowships**

Account Number 00-26-65-880

Stipends of Fellows...................................... $262,500
Total, Fellowships....................................... $262,500

**State Natural History Survey**

**Cooperative Investigations**

U.S. Public Health Service E1349

Account Number 46-26-82-368

1. Thomas R. B. Barr, Instructor in Veterinary Pathology and HygieneDY75 $ 4,350
2. Bobbie J. Verts, Field Mammalogist, Wildlife ResearchDY $ 5,600
3. Erwin W. Pearson, Research AssistantDY $ 5,600
Total, U.S. Public Health Service E1349................. $ 15,550

**State Water Survey**

**Cooperative Investigations**

U.S. Air Force 4940

Account Number 46-26-84-306

1. Kenneth E. Wilk, Research Assistant. FY (Effective July 1, 1960) $ 7,500

U.S. Army Signal Corps 75055

Account Number 46-26-84-312

1. Douglas M. A. Jones, Research Associate. FY (Effective July 1, 1960) $ 7,800
2. Eugene A. Mueller, Research Associate. FY (Effective July 1, 1960) $ 9,600
3. Miyuki Fujiwara, Research Assistant. FY (Effective July 1, 1960) $ 5,200
Total, U.S. Army Signal Corps 75055..................... $ 22,600

U.S. National Science Foundation G6352

Account Number 46-26-84-356

1. James W. Bullock, Research Associate. FY (Effective July 1, 1960) $ 7,500
U.S. PUBLIC HEALTH SERVICE G4007
Account Number 46-26-84-366
1. Mary C. Brooks, Research Assistant. FY $5,700
   (Effective July 1, 1960)
2. Donal E. Etter, Research Assistant. FY $4,650
   (Effective July 1, 1960)
Total, U.S. Public Health Service G4007. $10,350

COLLEGE OF JOURNALISM AND COMMUNICATIONS

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<tr>
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<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Instruction Salaries</td>
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Administration $45,190 | $18,350 | $63,540 |
Advertising $46,000 | | $46,000 |
Journalism $89,775 | | $89,775 |
Radio and Television $39,515 | | $39,515 |
Total, Instruction (220,480) | (18,350) | (238,830) |

Organized Research
Institute of Communications Research 61,665 | 3,100 | 64,765 |

Extension and Public Services
Broadcasting
Administration 13,890 | 1,000 | 14,890 |
Radio Station 107,532 | 45,200 | 152,732 |
Television-Motion Pictures 99,608 | 56,600 | 156,208 |
Total, Extension and Public Services (221,030) | (102,800) | (323,830) |
Total, General $503,175 | $124,250 | $627,425 |

Restricted

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Estimated Private Gifts $2,000 | $2,000 |
Extension and Public Services
Estimated Private Gifts $50,000 | 30,000 | 80,000 |
Total, Restricted $50,000 | $32,000 | $82,000 |

Administration
Account Number 00-28-01-100
1. Theodore B. Peterson, Dean ZBY $16,500
   (Total Salary) (4,500)
2. John H. Schacht, Assistant to Dean ZBY 7,125
   (Total Salary) 6,565
3. 1.95 Full Time Equivalent Assistants E 6,565
Nonacademic Salaries 15,000
Total, Salaries (45,190)
Wages 11,500
Expense 3,000
Convention Travel 1,000
Nonrecurring Unassigned (1,000)
Equipment 1,950
Total, Wages, Expense, and Equipment (18,350)
Total, Administration $63,540

Advertising
Account Number 00-28-03-100
1. C. H. Sandage, Professor and Head of Department A $14,850
2. Leslie W. McClure, Professor A 16,350
   (On leave with pay first semester 1960-61)
3. James E. Moyer, Associate Professor A 9,750
4. Hugh W. Sargent, Associate Professor A 8,400
5. James W. Carey, Instructor D50 2,050
Total, Advertising $46,000
### Journalism

Account Number 00-28-10-100

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<td>Theodore B. Peterson</td>
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<td>George Gerbner</td>
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<td>Joe C. Sutton</td>
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<td>Josef F. Wright</td>
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<td>Owen F. Glissendorf</td>
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<td>Glenn Hanson</td>
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<td>John H. Schacht</td>
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<td>Arthur E. Strang</td>
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<td>William W. Alfeld</td>
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**Total, Journalism**

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### Radio and Television

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<td>Harry J. Skornia</td>
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<td>John E. Cramer</td>
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<td>(Total Salary)</td>
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<td>Alvin Fiering</td>
<td>Instructor</td>
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<td>Richard G. Lawson</td>
<td>Instructor</td>
<td>$4,000</td>
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<td>Henry W. Lippold, Jr.</td>
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<td>(Total Salary)</td>
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<td>John A. Regnell</td>
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<td>(Also nonacademic)</td>
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<td>Edwin B. Parker</td>
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<td>Mary D. Sleator</td>
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**Total, Radio and Television**

$39,515

### Institute of Communications Research

Account Number 00-28-20-300

<table>
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<td>Dallas W. Smythe</td>
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<td>George Gerbner</td>
<td>Research Associate Professor</td>
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<td>Howard S. Maclay</td>
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<td>William J. McGuire</td>
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<td>Bennett M. Berger</td>
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<td>Mary D. Sleator</td>
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9. Research Associate ................................................. ZB67
   (Total Salary) ............................................... 4 500
10. 1.50 Full Time Equivalent Assistants ......................... E
    Nonacademic Salaries .................................. 3 700
    Total, Salaries ........................................... 6 200
    Wages ......................................................... 0
    Expense ..................................................... 200
    Equipment .................................................. 200
    Total, Wages, Expense, and Equipment................. (3 100)
    Total, Institute of Communications Research .......... $ 64 765

Broadcasting

Account Number 00-28-21-400
1. F. E. Schooley, Director of Broadcasting and Manager
   of Radio and Television Stations ........................ ZBY80
   (Total Salary) ............................................... $ 11 640
   Nonacademic Salaries .................................. 2 250
   Total, Salaries ........................................... 13 890
   Expense ..................................................... 1 000
   Total, Administration ................................... $ 14 890

Radio Station

Account Number 00-28-25-400
1. John E. Cramer, News Supervisor ........................ ZDY50
   (Total Salary) ............................................... $ 4 565
   Nonacademic Salaries .................................. 102 960
   Total, Salaries ........................................... 107 525
   Wages ......................................................... 6 000
   Expense, General .......................................... 34 200
   Equipment .................................................. 5 000
   Total, Wages, Expense, and Equipment................. (45 200)
   Total, Radio Station ................................... $152 732

Television-Motion Pictures

Account Number 00-28-28-400
1. Assistant Manager of Television Station
   and Supervisor of Television-Motion Pictures  ...... ZDY50
   (Total Salary) ............................................... $ 5 400
   Nonacademic Salaries .................................. 4 000
   Total, Salaries ........................................... 9 400
   Wages ......................................................... 12 000
   Expense ..................................................... 42 100
   Equipment .................................................. 2 500
   Total, Wages, Expense, and Equipment................. (56 600)
   Total, Television-Motion Pictures .................. $156 208

COLLEGE OF LAW

General

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Account Number 00-30-10-100

Law

1. Russell N. Sullivan, Dean ........................................ BY $22,000
2. Albert J. Harno, Dean and Professor, Emeritus R 6,250
   Assistant Professor ........................................ BY 50 (5,750)
   (Total Salary) .................................................. (12,000)
3. C. H. Bowman, Professor ........................................ A 13,100
4. William E. Britton, Professor, Emeritus R 14,600
5. Kenneth S. Carlston, Professor ................................ A 10,400
6. Edward W. Cleary, Professor ................................... A 17,000
7. Rubin G. Cohn, Professor ........................................ A
   (Includes service to University Retirement System)
   (On leave with pay first semester 1960-61)
8. John E. Cribbet, Professor ........................................ A 17,500
9. Wylie H. Davis, Professor ........................................ A 14,600
10. R. W. Fleming, Professor ......................................... A 17,000
11. George T. Frampton, Professor ................................. A 14,100
12. George W. Goble, Professor, Emeritus R ...........
13. William D. Hawkland, Professor ................................ A 13,500
14. Harold W. Holt, Professor ....................................... A 14,600
15. Ralph F. Lesemann, Professor ................................... ZAY
16. M. I. Schnebly, Professor, Emeritus R ............
17. Eugene F. Scoles, Professor .................................... A 15,600
18. Victor J. Stone, Professor ................................. A 11,700
19. Walter L. Summers, Professor, Emeritus R ............
20. J. G. Thomas, Professor .......................................... A 33 3,700
21. George B. Weissger, Professor, Emeritus R ............
22. J. Nelson Young, Professor ...................................... A 17,500
23. Robert B. Looper, Associate Professor .................. A 10,700
24. Paul O. Proehl, Associate Professor ...................... A 11,500
25. Margaret J. Scranton, Assistant Editor with rank of Assistant DY 5 100
   (On leave without pay first semester 1960-61)
27. 1.80 Full Time Equivalent Assistants .................. E 11,400
Nonacademic Salaries ........................................... 23,310
Total, Salaries .................................................. (23,410)
Wages .......................................................... 1,000
Expense .......................................................... 21,300
Convention Travel ............................................. 1,000
Equipment ......................................................... 700
Total, Wages, Expense, and Equipment .................... (24,000)
Total, Law .......................................................... $318,160

Law Scholarships

Account Number 00-30-11-880
Expense, Law Scholarships ........................................ $ 2,500
Expense, Law Fellowships ......................................... 2,100
Total, Law Scholarships ........................................... $ 4,600

COLLEGE OF LIBERAL ARTS AND SCIENCES

General

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### Salaries, Wages, Expense, and Equipment

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<td>164,835</td>
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<tr>
<td>Speech</td>
<td>383,980</td>
<td>12,083</td>
<td>396,063</td>
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<td>Speech Laboratory</td>
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<td>Zoology</td>
<td>295,957</td>
<td>35,800</td>
<td>332,757</td>
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<td>Classical Museum</td>
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<td>European Culture Museum</td>
<td>1,900</td>
<td>2,700</td>
<td>4,600</td>
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**Total, General** $6,794,152

**Restricted** $684,289 $7,478,441

### Instruction

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<tr>
<th>Description</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tr>
<td>Speech Revolving</td>
<td>$3,060</td>
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<td>Estimated Private Gifts</td>
<td>4,000</td>
<td>2,000</td>
<td>6,000</td>
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<td>Estimated U.S. Contracts</td>
<td>30,000</td>
<td>20,000</td>
<td>50,000</td>
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<td><strong>Total, Instruction</strong></td>
<td>(50,060)</td>
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### Organized Research

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<tr>
<td>Illinois Journal of Mathematics Revolving</td>
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<tr>
<td>Estimated Indirect Costs</td>
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<td>Estimated Private Gifts</td>
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<td>Estimated U.S. Contracts</td>
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<td><strong>Total, Organized Research</strong></td>
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<td>(1,493,500)</td>
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<td><strong>Total, Restricted</strong></td>
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<td>(588,000)</td>
<td>(1,568,060)</td>
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### Administration

Account Number 00-32-01-100

1. Dean ........................................ BY $23,000
2. Gibbon Butler, Associate Dean .......... ZBY 13,000
3. O. A. Kubitz, Assistant Dean .......... ZDY75 7,775
   **(Total Salary)** (10,800)
4. Jum C. Nunnally, Jr., Associate Dean .. ZBY37 3,935
   **(Total Salary)** (10,500)
5. Francis J. Koenig, Assistant Dean ....... DY 11,000
6. 3.50 Full Time Equivalent Assistants .. E 14,150
7. 0.50 Full Time Equivalent Assistants .. DY 2,325

**Total, Salaries** (109,525)

**Nonacademic Salaries** 33,540

**Total, Salaries** (143,065)

**Wages** 4,816

**Expense, General** 7,800

**Expense, Language Laboratory** 2,500

**Contingent** 20,000

**Convention Travel** 26,000
Nonrecurring Unassigned .................................................. (8,000)
Equipment ........................................................................... (2,800)
Total, Wages, Expense, and Equipment ................................ (63,015)
Total, Administration ........................................................... $173,141

### Anthropology

Account Number 00-32-07-100

1. Joseph B. Casagrande, Professor and Head of Department .................................................. A $15,000
2. Oscar Lewis, Professor ........................................................................................................... A 12,500
3. John C. McGregor, Professor ................................................................................................. A 11,700
4. Julian H. Steward, Research Professor .................................................................................. ZA 14,500
   (Total Salary) ......................................................................................................................... (17,500)
   (Leave to be determined)
5.  Associate Professor .............................................................................................................. A 8,500
6. Donald W. Lathrap, Instructor ............................................................................................... D 6,600
7.  Instructor ............................................................................................................................... D 6,400
8.  2.00 Full Time Equivalent Assistants .................................................................................... E 7,000

Nonacademic Salaries ..............................................................
Total, Salaries ................................................................................ (88,110)
Wages ...................................................................................... 5,000
Expense ................................................................................... 5,000
Equipment ................................................................................ 5,000
Total, Wages, Expense, and Equipment ........................................ (6,000)
Total, Anthropology ................................................................. $ 94,110

### Astronomy

Account Number 00-32-10-100

1. George C. McVittie, Professor and Head of Department ......................................................... A $17,000
2. R. H. Baker, Professor, Emeritus ............................................................................................. R
3. George W. Swenson, Jr., Research Professor ......................................................................... ZA48 5,700
   (Total Salary) ......................................................................................................................... (12,000)
4. Stanley P. Wyatt, Jr., Associate Professor .......................................................................... A 9,250
   (On leave with pay first semester 1960-61)
5. Ivan R. King, Assistant Professor ....................................................................................... B 7,860
6. Arthur J. Meadows, Assistant Professor ............................................................................. B 6,000
7. 2.50 Full Time Equivalent Assistants .................................................................................... E 9,500
   Total, Salaries ......................................................................................................................... (55,310)
Wages ...................................................................................... 1,065
Expense ................................................................................... 1,500
Equipment ................................................................................ 1,800
Total, Wages, Expense, and Equipment .................................................................................... (4,365)
Total, Astronomy .................................................................................. $ 59,075

### Cooperative Investigations

U.S. Office of Naval Research 183422

Account Number 46-32-10-364

1. Raymond A. Davidson, Assistant Professor of Electrical Engineering ............................. ZB50 $ 3,950
   (Total Salary) ......................................................................................................................... (7,900)
2. Yuen Tze Lo, Assistant Professor of Electrical Engineering .............................................. ZBY33 3,033
   (Total Salary) ......................................................................................................................... (11,860)
Total, U.S. Office of Naval Research 183422 ........................................................................ $ 7,883

### Botany

Account Number 00-32-16-100

1. Wilson N. Stewart, Professor ......................................................................................... ZA81} $ 9,070
   Chairman of Department ......................................................................................................... B 12,300
   (Total Salary) ......................................................................................................................... (12,300)
2. Lindsay M. Black, Professor ................................................................................................. ZA 13,200
3. Harry J. Fuller, Professor ....................................................................................................... A
   (On disability leave without pay)
4. C. F. Hottes, Professor, Emeritus ........................................ ZRA 11 650
5. G. Neville Jones, Professor and Curator of Herbarium A 13 700
6. John R. Laughman, Professor ........................................... ZA 12 300
7. Eugene I. Rabinowitch, Research Professor ................. A 13 000
8. Donald P. Rogers, Professor and Curator of Mycological Collections A 10 500
9. Herbert Stern, Professor .............................................. D 10 500
10. Arthur G. Vestal, Professor, Emeritus ........................... R 
11. __________________, Professor ........................................... A 19 500
12. __________________, Research Professor ......................... AY 13 000
13. Robert M. Kosanke, Associate Professor ..................... DYT10 10 500
14. James E. Nance, Associate Professor ......................... A 9 550
15. Paul C. Silva, Associate Professor ................................. A 9 250
16. Lawrence C. Bliss, Assistant Professor ......................... B 7 350
17. Zane B. Carothers, Assistant Professor ......................... B 6 550
18. Lawrence R. Heckard, Assistant Professor .................... B 7 350
19. Douglas M. Post, Assistant Professor ......................... B 7 300
20. __________________, Research Associate ......................... DY 6 500
21. Sue A. Eckhardt, Research Assistant ............................. DY 4 850
22. 9.25 Full Time Equivalent Assistants ..................... E 36 000

Nonacademic Salaries .................................................. 37 290

Total, Salaries .................................................................... (250 360)
Wages ................................................................................. 5 740
Expense ................................................................................ 21 500
Equipment ............................................................................. 3 730

Total, Wages, Expense, and Equipment ................................ (30 970)

Total, Botany ....................................................................... $281 330

Cooperative Investigations
U.S. National Science Foundation G4969
Account Number 46-32-16-361
1. Carl N. Cederstrand, Research Assistant ....................... DY $5 000

U.S. National Science Foundation G9117
Account Number 46-32-16-364
1. Robert F. Whitcomb, Research Assistant ...................... ZDY50 $2 325
(Total Salary) ..................................................................... (4 650)

U.S. Public Health Service F1013
Account Number 46-32-16-369
1. Robert F. Whitcomb, Research Assistant ...................... ZDY50 $2 325

Chemistry and Chemical Engineering
Account Number 00-32-19-100
1. H. E. Carter, Professor of Biochemistry and Head of Department ............................................. A $21 000
2. Roger Adams, Research Professor, Emeritus .............. R 
3. L. F. Audrieth, Professor of Inorganic Chemistry ....... A 13 000
(On leave without pay two years from September 1, 1959)
4. John C. Bailar, Jr., Professor of Inorganic Chemistry A 15 900
5. A. M. Buswell, Research Professor, Emeritus ........... R
6. George L. Clark, Research Professor, Emeritus .......... R 
7. David Y. Curtin, Professor of Organic Chemistry ....... A 13 300
8. Harry G. Drickamer, Professor of Chemical Engineering and Physical Chemistry .......... ZA 18 500
9. Duane T. Englis, Professor of Analytical Chemistry, Emeritus .................................................. R 
10. R. C. Fuson, Professor of Organic Chemistry .......... ZA 15 000
(Total Salary) ..................................................................... (18 000)
11. I. C. Gunsalus, Professor of Biochemistry ................. A 19 500
12. H. S. Gutowsky, Professor of Physical Chemistry .... A 17 500
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<th>No.</th>
<th>Name</th>
<th>Position</th>
<th>Total Salary</th>
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<td>13.</td>
<td>H. F. Johnstone, Research Professor</td>
<td>of Chemical Engineering</td>
<td>ZA50, 7,000</td>
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<td>14.</td>
<td>H. A. Laitinen, Professor</td>
<td>of Analytical Chemistry</td>
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<td>16.</td>
<td>Carl S. Marvel, Research Professor</td>
<td>of Organic Chemistry</td>
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<td>17.</td>
<td>Therald Moeller, Professor</td>
<td>of Inorganic Chemistry</td>
<td>A, 13,300</td>
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<td>18.</td>
<td>Max S. Peters, Professor</td>
<td>of Chemical Engineering</td>
<td>ZA57, 7,980</td>
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<td>19.</td>
<td>T. E. Phipps, Professor</td>
<td>of Physical Chemistry</td>
<td>A, 11,000</td>
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<td>20.</td>
<td>W. C. Rose, Research Professor</td>
<td>Emeritus</td>
<td>R, 11,000</td>
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<td>21.</td>
<td>G. Frederick Smith, Professor</td>
<td>Emeritus</td>
<td>R, 11,000</td>
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<td>22.</td>
<td>H. R. Snyder, Research Professor</td>
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<td>Carl S. Vestling, Professor</td>
<td>of Biochemistry</td>
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<td>24.</td>
<td>F. T. Wall, Research Professor</td>
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<td>ZA50, 4,800</td>
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<td>25.</td>
<td>James W. Westwater, Professor</td>
<td>of Chemical Engineering</td>
<td>A, 10,300</td>
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<td>26.</td>
<td>Peter E. Yankwich, Professor</td>
<td>of Physical Chemistry</td>
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<td>(On leave with one-half pay 1960-61)</td>
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<td>27.</td>
<td></td>
<td>Professor</td>
<td>A, 13,400</td>
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<td>Professor</td>
<td>A50, 7,150</td>
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<td>29.</td>
<td>Virginia Bartow, Associate Professor</td>
<td>of Inorganic Chemistry</td>
<td>A, 7,900</td>
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<td>30.</td>
<td>Thomas J. Hanratty, Associate Professor</td>
<td>of Chemical Engineering</td>
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<td>31.</td>
<td>Martin Karplus, Associate Professor</td>
<td>of Physical Chemistry</td>
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<td>Howard V. Malmstadt, Associate Professor</td>
<td>of Analytical Chemistry</td>
<td>A, 9,000</td>
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<td>33.</td>
<td>William J. Rutter, Associate Professor</td>
<td>of Biochemistry</td>
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<td>Associate Professor of Biochemistry</td>
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<td>35.</td>
<td>Douglas Applequist, Assistant Professor</td>
<td>of Organic Chemistry</td>
<td>B, 8,300</td>
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<td>36.</td>
<td>R. Linn Belford, Assistant Professor</td>
<td>of Physical Chemistry</td>
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<td>37.</td>
<td>Theodore L. Brown, Assistant Professor</td>
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<td>John M. Clark, Jr., Assistant Professor</td>
<td>of Biochemistry</td>
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<td>Richard E. Dickerson, Assistant Professor</td>
<td>of Physical Chemistry</td>
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<td>Russell S. Drago, Assistant Professor</td>
<td>of Inorganic Chemistry</td>
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<td>41.</td>
<td>Benjamin D. Hall, Assistant Professor</td>
<td>of Physical Chemistry and Biochemistry</td>
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<td>Arnold M. Hartley, Assistant Professor</td>
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<td>43.</td>
<td>J. Woodland Hastings, Assistant Professor</td>
<td>of Biochemistry</td>
<td>B, 9,000</td>
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<td>44.</td>
<td>John P. Hummel, Assistant Professor</td>
<td>of Physical Chemistry</td>
<td>ZB50, 4,000</td>
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<td>Robert S. Juvet, Assistant Professor</td>
<td>of Analytical Chemistry</td>
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<td>46.</td>
<td>Aron Kuppermann, Assistant Professor</td>
<td>of Physical Chemistry</td>
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<td>47.</td>
<td>James C. Martin, Assistant Professor</td>
<td>of Organic Chemistry</td>
<td>B, 7,500</td>
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</table>
48. Daniel D. Perlmutter, Assistant Professor of Chemical Engineering
49. Theron S. Piper, Assistant Professor of Inorganic Chemistry
50. John A. Quinn, Assistant Professor of Chemical Engineering
51. K. L. Rinehart, Assistant Professor of Organic Chemistry
52. Kensal E. Van Holde, Assistant Professor of Physical Chemistry
53. Finn Wold, Assistant Professor of Biochemistry
54. Larry K. Steinrauf, Assistant Professor of Physical Chemistry
55. Teishi Nakayama, Research Associate in Chemistry
56. Rosalie M. Parr, Associate, Emeritus
57. ————, Research Associate in Chemistry
58. ————, Research Associate in Chemistry
59. Robert B. Bates, Instructor in Organic Chemistry
60. James L. Brownlee, Jr., Instructor in Analytical Chemistry
61. Leon F. Goodyear, Instructor in Glass Blowing
62. Jack G. Kay, Instructor in Inorganic Chemistry
63. Dean F. Martin, Instructor in Inorganic Chemistry
64. Clarence E. Pfleuger, Instructor in Analytical Chemistry
65. Stanley G. Smith, Instructor in Organic Chemistry
66. David B. Sowerby, Instructor in Analytical Chemistry
67. ————, Instructor in Chemical Engineering
68. Ancilla S. Bay, Microanalyst
69. Nancy V. Neilson, Spectroscopist
70. Jane S. Liu, Microanalyst
71. Josef Nemeth, Microanalyst
72. Oliver W. Norton, Spectroscopist
73. ————, Spectroscopist
74. ————, Research Assistant in Chemistry
75. 52.25 Full Time Equivalent Assistants
76. 1.00 Full Time Equivalent Assistants

(Also nonacademic)
62. Jack G. Kay, Instructor in Inorganic Chemistry
63. Dean F. Martin, Instructor in Inorganic Chemistry
64. Clarence E. Pfleuger, Instructor in Analytical Chemistry
65. Stanley G. Smith, Instructor in Organic Chemistry
66. David B. Sowerby, Instructor in Analytical Chemistry
67. ————, Instructor in Chemical Engineering
68. Ancilla S. Bay, Microanalyst
69. Nancy V. Neilson, Spectroscopist
70. Jane S. Liu, Microanalyst
71. Josef Nemeth, Microanalyst
72. Oliver W. Norton, Spectroscopist
73. ————, Spectroscopist
74. ————, Research Assistant in Chemistry
75. 52.25 Full Time Equivalent Assistants
76. 1.00 Full Time Equivalent Assistants

Nonacademic Salaries

Total Salaries

Wages

Expense

Equipment

Total, Wages, Expense, and Equipment

Total, Chemistry and Chemical Engineering

Cooperative Investigations

American Chemical Society Petroleum Research Foundation —
RF Spectroscopy
Account Number 44-32-19-304
1. Kenji Shimomura, Research Associate in Chemistry... DY $ 5 500

U.S. Air Force 5446
Account Number 46-32-19-305
1. Thomas B. Reddy, Research Associate in Chemistry... DY $ 5 500

U.S. Army Ordnance 1987
Account Number 46-32-19-314
1. Keith E. Johnson, Research Associate in Chemistry... DY $ 5 500

U.S. Army Ordnance 2956
Account Number 46-32-19-317
1. Antonio F. Vandi, Research Associate in Chemistry... DY $ 6 250

Total, Salaries

Total, Chemistry and Chemical Engineering

Wages

Expense

Equipment

Total, Wages, Expense, and Equipment

Total, Chemistry and Chemical Engineering

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Account Number 44-32-19-321
1. Masaki Nakanishi, Research Associate in Chemistry... DY $ 5 200

U.S. N A T I O N A L S C I E N C E F O U N D A T I O N G 5 5 6 3
Account Number 46-32-19-359
1. Kazumori Minami, Research Associate in Chemistry... DY $ 5 200

U.S. P U B L I C H E A L T H S E R V I C E A 3 1 8 5
Account Number 46-32-19-371
1. Josina Reddy, Research Associate in Chemistry.... DY $ 2 750
2. Larry K. Steinrauf, Assistant Professor of Chemistry.. ZD $ 3 200

Total, U.S. Public Health Service A3185............... $ 5 950

U.S. P U B L I C H E A L T H S E R V I C E E 1 2 7 8
Account Number 46-32-19-379
1. Richard E. Bozak, Research Associate in Chemistry... FY $ 5 500
(Effective October 1, 1960)

U.S. P U B L I C H E A L T H S E R V I C E 2 G 3 2 1
Account Number 46-32-19-383
1. Benjamin D. Hall, Assistant Professor of Physical Chemistry and Biochemistry............... ZB $ 3 600

U.S. P U B L I C H E A L T H S E R V I C E C 3 9 6 9
Account Number 46-32-19-386
1. Terence J. Barnes, Research Associate in Chemistry.. DY $ 5 800

Classics
Account Number 00-32-22-100
1. John L. Heller, Professor and Head of Department.. ZA $ 14 000
2. Revilo P. Oliver, Professor........................ A $ 10 450
(On leave with one-half pay 1960-61)
3. B. E. Perry, Professor, Emeritus .................. R 
4. Alexander Turyn, Professor ........................ A $ 13 000
5. , Professor ...................................... A $ 12 200
6. John J. Bateman, Assistant Professor .............. B $ 7 500
7. Robert E. A. Palmer, Assistant Professor .......... B $ 6 000
8. 0.83 Full Time Equivalent Assistants .............. E $ 3 270

Nonacademic Salaries ........................................ 1 500

Total, Salaries ................................... (68 610)

Wages .................................................. 200
Expense .................................................. 700
Equipment .................................................. 200

Total, Wages, Expense, and Equipment ................. (1 100)

Total, Classics ........................................ $ 69 710

English
Account Number 00-32-25-100
1. Robert W. Rogers, Professor and Head of Department A $ 15 200
2. C. R. Anderson, Professor of Business English and Chairman of Business English.................. A $ 12 200
3. T. W. Baldwin, Professor, Emeritus .................. R 
4. Edward H. Davidson, Professor ........................ A $ 13 500
5. Gwynne B. Evans, Professor ........................ A $ 13 500
6. John T. Flanagan, Professor ........................ A $ 13 500
(On leave without pay 1960-61)
7. H. F. Fletcher, Professor ............................ A $ 16 000
8. Royal A. Gettman, Professor ........................ A $ 14 600
9. Marcus S. Goldman, Professor ........................ A $ 9 300
10. M. T. Herrick, Professor ............................ ZA $ 9 840
(On leave without pay 1960-61)
11. Allan G. Holaday, Professor ........................ A $ 10 500
(On leave with pay second semester 1960-61)
12. Julius N. Hook, Professor ........................ ZA $ 6 600
(On leave with pay second semester 1960-61)

(Total Salary) ........................................ (14 600)

(Total Salary) ........................................ (12 000)
1960]

UNIVERSITY OF ILLINOIS

13. Murray Krieger, Professor........................................... A 13 900
14. Paul N. Landis, Professor........................................... A 13 200
15. Henning Larsen, Professor, Emeritus.............................. ZR
16. B. A. Milligan, Professor........................................... A 12 000
(On leave with pay first semester 1960-61)
17. Sherman Paul, Professor........................................... A 13 400
18. Robert A. Pratt, Professor.......................................... G 8 000
(Effective six months from September 1, 1960)
19. C. W. Roberts, Professor........................................... A 12 300
20. Charles H. Shattuck, Professor.................................... A 10 500
21. Donald Smalley, Professor.......................................... A 13 600
22. Roland M. Smith, Professor......................................... A 11 300
23. Harris W. Wilson, Professor and Chairman of Freshman Rhetoric
   (On leave with pay first semester 1960-61)............................ A 10 000
24. Daniel Curley, Associate Professor................................ B 7 800
25. Robert L. Haig, Associate Professor.............................. A 7 500
(On leave with one-half pay 1960-61)
26. Bruce Harkness, Associate Professor and Executive Secretary
   of Department............................................................ A 9 200
27. Cornelia P. Kelley, Associate Professor........................... A 7 500
   (On leave with pay second semester 1960-61)
28. J. K. Quinn, Associate Professor.................................. A 8 800
29. Francis W. Weeks, Associate Professor of Business English
   (Effective SIX months from September 1, 1960).................... A 9 000
30. Robert Bruce Weirick, Associate Professor, Emeritus......... R
31. John P. Groth, Associate Professor.............................. A 8 000
32. August L. Altenbernd, Assistant Professor....................... B 7 400
   (On leave with pay first semester 1960-61)
33. Lloyd E. Berry, Assistant Professor.............................. B 6 300
34. Helen B. Brennan, Assistant Professor and Chairman of
   English for Foreign Students...................................... B 6 900
35. Garretta H. Busey, Assistant Professor........................... B 7 600
36. Gibbon Butler, Assistant Professor............................... ZBY
37. Walter J. Chamberlin, Assistant Professor....................... B 8 000
38. N. P. Davis, Assistant Professor................................. B 6 000
39. Oliver W. Evans, Assistant Professor............................. B 6 500
40. Margaret French, Assistant Professor, Emerita................. R
41. Sanford Golding, Assistant Professor............................. B 6 300
42. Glenn P. Haskell, Assistant Professor............................ B 7 600
43. Francis E. Hodgins, Jr., Assistant Professor................... B 6 600
44. Donald J. Hogan, Assistant Professor............................ B 6 300
45. Ruth K. Ko, Assistant Professor, Emerita....................... R
46. John F. Lyen, Assistant Professor................................. B 6 000
47. John T. Maguire, Assistant Professor of Business English
   (Total Salary)........................................................... (6 400)
48. William H. McBurney, Assistant Professor....................... B 7 200
49. Frank Moake, Assistant Professor................................. B 6 900
50. Louis A. Muinzer, Assistant Professor........................... B 6 600
51. Robert Ornstein, Assistant Professor............................ B 7 300
52. Ronald H. Paulson, Assistant Professor.......................... B 6 600
53. Esther H. Rapp, Assistant Professor, Emerita.................. R
54. Harry F. Robins, Assistant Professor............................. B 7 400
55. William H. Rueckert, Assistant Professor....................... B 6 300
56. Robert L. Schneider, Assistant Professor....................... B 6 700
57. Arthur L. Scott, Assistant Professor............................. B 7 100
58. George Scotto, Assistant Professor............................... B 7 800
59. Mary D. Sleator, Assistant Professor............................ ZB67
   (Total Salary)........................................................... 4 270
60. James R. Squire, Assistant Professor............................. ZB34
   (Total Salary)........................................................... 2 400
61. Jack C. Stillinger, Assistant Professor.......................... B 6 900
62. Gardiner B. Stillwell, Assistant Professor...................... B 7 100
(On leave with pay first semester 1960-61)
63. Michael Timko, Assistant Professor
64. Caroline Tupper, Assistant Professor, Emerita
65. Katharine O. Aston, Instructor
66. Earl P. Bloom, Instructor in Business English
67. Margaret Bloom, Instructor
68. William M. Curtin, Instructor
69. David L. Derus, Instructor
70. Richard P. Felton, Instructor in Business English
71. Rocco L. Fumento, Instructor
72. Herbert Goodrich, Instructor in Business English
73. Wade H. Hall, Instructor in Business English
74. John A. Hamilton, Instructor
75. Philip R. Headings, Instructor
76. Maria Keen, Instructor
77. William J. Lord, Jr., Instructor in Business English
78. John S. Martin, Instructor
79. Stanton Millet, Instructor
80. Jean Praninskas, Instructor
81. Lucian P. Spataro, Instructor in Business English
82. Robert K. Stone, Instructor
83. Albert C. Tillman, Instructor
84. James H. Wheatley, Instructor
85. Robert M. Zewadski, Instructor in Business English
86. __________, Instructor
87. __________, Instructor
88. __________, Instructor
89. John R. Baker, Assistant
91. James C. Ballowe, Assistant
92. K. Gerald Balls, Assistant
93. Thomas F. Batell, Assistant
94. Herbert Bogart, Assistant
95. Philip Y. Coleman, Assistant
96. Richard E. Cunningham, Assistant
97. Herman H. Diers, Assistant
98. John H. Dorenkamp, Assistant
99. Kathryn F. Douglass, Assistant
100. Anne Doyle, Assistant
101. Daniel W. Dungan, Assistant
102. Alvin I. Dust, Assistant
103. Scott C. Eatherly, Assistant
104. Elmer N. Feltskog, Assistant
105. George B. Ferguson, Assistant
106. David Gladish, Assistant
107. George V. Goodin, Assistant
108. Clyde L. Grimm, Jr., Assistant
109. Carol S. Gurolnick, Assistant
110. Ward Hellstrom, Assistant
111. Jerry D. Hopkins, Assistant
112. Ronald C. Johnson, Assistant
113. Jerald W. Ketchum, Assistant
114. Richard S. Leever, Assistant
115. Lee T. Lemon, Assistant
116. Edward R. Levy, Assistant
117. Robert W. Lewis, Jr., Assistant
118. Martin Light, Assistant
119. William E. Lindblad, Assistant
120. James M. MacIntyre, Assistant
121. William A. McQueen, Assistant
122. Graham S. Mitchell, Assistant
123. Carl A. Moon, Assistant
124. Lubitsa Nenadovich, Assistant
125. Keith M. Opdahl, Assistant
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**Entomology**

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**Cooperative Investigations**

**ROCKEFELLER FOUNDATION — FRAENKEL**

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**ROCKEFELLER FOUNDATION — KEARNS**

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French

Account Number 00-32-31-100
1. Charles A. Knudson, Professor and Head of Department .............................................. A $15,600
   (On leave with pay second semester 1960-61)
2. Jean E. Ehrhard, Visiting Professor ................................................................. E 10,000
3. Cameron C. Gullette, Professor ................................................................. A 9,500
4. J. F. Jackson, Professor ................................................................. A 11,700
5. Paul E. Jacob, Professor, Emeritus ................................................................. R ....
6. Philip Kolb, Professor ................................................................. A 12,000
7. Philip A. Wadsworth, Professor ................................................................. A 13,000
8. Bruce H. Mainous, Associate Professor ........................................................ A 9,400
9. Angelina Pietrangeli, Associate Professor .................................................... ZA50 4,700
   (Total Salary) ........................................................................................................ (9,400)
10. Claude P. Viens, Associate Professor ................................................................. A 9,600
11. Stanley E. Gray, Assistant Professor ................................................................. B 6,150
12. Robert E. Hallowell, Assistant Professor ........................................................ B 7,900
13. Edwin Jahiel, Assistant Professor ................................................................. B 6,500
14. Francis W. Nachtmann, Assistant Professor ..................................................... B 7,200
15. ............... Assistant Professor ................................................................. B 7,000
16. Claude K. Abraham, Instructor ................................................................. D 4,650
17. Cordelia Reed, Instructor ................................................................. D 5,750
18. ............... Instructor ................................................................................. D 6,000
19. 10.25 Full Time Equivalent Assistants ........................................................ E 39,200
Nonacademic Salaries .............................................................................................. 4,560
Total, Salaries ........................................................................................................ (106,310)
Wages ....................................................................................................................... 1,000
Expense ..................................................................................................................... 1,350
Equipment .................................................................................................................. 725
Total, Wages, Expense, and Equipment ............................................................... (3,075)
Total, French ........................................................................................................... $199,385

Division of General Studies

Account Number 00-32-37-100
1. James M. McCrimmon, Professor of Humanities and Head of Division of General Studies .......... A $11,800
2. William Habberton, Professor of History, Emeritus ............................................ R ....
3. M. T. Herrick, Professor of English ........................................................................ ZA33 4,750
   (Total Salary) ......................................................................................................... (14,000)
4. Otto E. Kugler, Professor of Biological Science .................................................. A 9,900
   (On leave with pay second semester 1960-61)
5. Frank Costin, Associate Professor of Psychology ................................................. ZA67 5,900
   (Total Salary) ......................................................................................................... (8,800)
6. Sidney Rosen, Associate Professor of Physical Science ........................................ D 8,000
7. Robert Siegfried, Associate Professor of Chemistry ............................................. A 8,000
8. Edwin M. Banks, Assistant Professor of Biological Science ................................ B 6,900
9. John M. Dennison, Assistant Professor of Geology ............................................ ZB75 4,500
   (Total Salary) ......................................................................................................... (6,900)
10. Walter H. Draper, Assistant Professor of Verbal Communication ....................... B 6,000
11. Lawrence J. McCaffrey, Assistant Professor of History ...................................... B 7,000
12. Donald E. McCoy, Assistant Professor of Humanities ......................................... B 7,700
13. Robert C. Pugh, Assistant Professor of History ................................................... ZB75 5,100
   (Total Salary) ......................................................................................................... (6,800)
14. ............... Assistant Professor of Biological Science ........................................ B 6,000
15. Ralph G. Connor, Instructor in Sociology ........................................................... D 6,200
16. Arthur W. Flemings, Instructor in Verbal Communication ................................... D 5,600
17. John F. Glawe, Instructor in Biological Science .................................................. D 6,000
18. A. Tress Lundman, Instructor in Verbal Communication ..................................... D 5,850
Nonacademic Salaries

Wages

Expense

Equipment

Account Number 00-32-43-100

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<td>Joseph A. Russell, Professor and Head of Department</td>
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<td>2</td>
<td>Alfred W. Booth, Professor</td>
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<td>3</td>
<td>Fred W. Foster, Professor</td>
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<tr>
<td>4</td>
<td>John H. Garland, Professor</td>
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<td>5</td>
<td>J. L. Page, Professor</td>
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Nonacademic Salaries

Total, Salaries

Wages

Expense

Equipment

Total, Wages, Expense, and Equipment

Total, Division of General Studies

$171,530

Geography

Account Number 00-32-46-100

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<td>George W. White, Professor and Head of Department</td>
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<td>2</td>
<td>Paul R. Shaffer, Professor, Acting Head of Department</td>
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Nonacademic Salaries

Total, Salaries

Wages

Expense

Equipment

Total, Wages, Expense, and Equipment

Total, Geography

$144,800

Geology

Account Number 00-32-46-100

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<td>Carol A. Chapman, Professor</td>
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Nonacademic Salaries

Total, Salaries

Wages

Expense

Equipment

Total, Wages, Expense, and Equipment

Total, Geography

$144,800
19. 12.50 Full Time Equivalent Assistants. ............... E
Nonacademic Salaries ........................................ E
Total, Salaries ................................................ E (230 865)
Wages.......................................................... E 3 500
Expense ......................................................... E 27 000
Equipment ...................................................... E 13 000
Total, Wages, Expense, and Equipment .................. E (43 500)
Total, Geology .................................................. E $274 355

Cooperative Investigations
U.S. NATIONAL SCIENCE FOUNDATION G 6591
Account Number 46-32-46-357
1. F. M. Wahl, Research Assistant Professor - FY 7 500
   (Effective two years from July 1, 1959)

German
Account Number 00-32-40-100
1. Frank G. Banta, Associate Professor and Chairman of
   Department .................................................. A $ 9 600
   (On leave with pay first semester 1960-61)
2. John R. Frey, Professor ................................... A 12 000
3. J. T. Geissendoerfer, Professor, Emeritus ................ R ....
4. Phillip M. Mitchell, Professor .......................... A 10 700
5. Ernst A. Philippson, Professor ........................... A 12 200
   (On leave with pay second semester 1960-61)
6. Henri Stegemeier, Professor ............................. A 10 800
7. C. A. Williams, Professor, Emeritus ..................... R ....
8. Mimi Ida Jehle, Associate Professor ..................... A 8 500
9. Francis J. Nock, Associate Professor ..................... A 8 800
10. James E. Engel, Assistant Professor .................... B 6 150
11. Gerard F. Schmidt, Assistant Professor ................ B 7 700
12. Pauline S. Schwalbe, Assistant Professor .............. B 6 750
13. Burkhard Seubert, Assistant Professor ................. B 6 600
14. Werner Marx, Instructor ................................ D 5 500
15. David E. Silas, Instructor ............................... D 5 750
16. ........................................... D 5 700
17. ........................................... D 6 000
18. ........................................... D 5 700
19. 5.50 Full Time Equivalent Assistants .................. E 21 500
Nonacademic Salaries ........................................ E 3 600
Total, Salaries ................................................ E (152 680)
Wages .......................................................... E 100
Expense ......................................................... E 1 400
Equipment ...................................................... E 400
Total, Wages, Expense, and Equipment .................. E (1 900)
Total, German .................................................. E $154 880

History
Account Number 00-32-52-100
1. ........................................... A)
   Chairman of Department ................................... B1 $ 13 800
2. Chester G. Starr, Professor ............................ A 13 000
   Acting Chairman of Department ......................... D (1 000)
   (Total Salary) ............................................. (14 000)
3. Arthur E. Bestor, Jr., Professor ....................... A 13 100
4. C. Ernest Dawn, Professor ............................. A 10 200
5. F. C. Dietz, Professor, Emeritus ....................... R ....
6. Edgar L. Erickson, Professor ........................... A 9 900
7. Ralph F. Fisher, Jr., Professor ....................... A 10 000
   (On leave with one-half pay 1960-61)
8. Deno J. Geanakoplos, Professor ....................... A 10 200
9. Norman A. Graebner, Professor ........................ A 13 500
10. P. V. B. Jones, Professor, Emeritus .................. R ....
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<td>Charles E. Nowell, Professor</td>
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<td>F. S. Rodkey, Professor, Emeritus</td>
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<td>Fred A. Shannon, Professor</td>
<td>A</td>
<td>14,000</td>
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<td>14</td>
<td>Raymond P. Stearns, Professor</td>
<td>A</td>
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<td>J. W. Swain, Professor, Emeritus</td>
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<td>16</td>
<td>James L. Bates, Associate Professor</td>
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<td>Robert W. Johannsen, Associate Professor</td>
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<td>18</td>
<td>Maurice Lee, Jr., Associate Professor</td>
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<td>John B. Sirich, Associate Professor</td>
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<td>Robert M. Sutton, Associate Professor</td>
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<td>Natalia M. Belting, Assistant Professor</td>
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<td>(On leave with pay first semester 1960-61)</td>
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<td>Louise B. Dunbar, Assistant Professor</td>
<td>B</td>
<td>7,000</td>
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<td>Ameda Ruth King, Assistant Professor</td>
<td>B</td>
<td>7,000</td>
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<td>Otto P. Pflanz, Assistant Professor</td>
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<td>25</td>
<td>Mary Lucille Shay, Assistant Professor</td>
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<td>(7,000)</td>
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<td>26</td>
<td>, Assistant Professor</td>
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<td>27</td>
<td>Robert B. Crawford, Instructor</td>
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<td>Robert L. Haan, Instructor</td>
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<td>Total, History</td>
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**School of Life Sciences**

Account Number 00-32-53-100

1. Halvor O. Halvorson, Director of School of Life Sciences ZB $19,000

2. Donald F. Hoffmeister, Curator of Natural History Museum ZAY $11,600

(On leave with pay six months from October 15, 1960)

Nonacademic Salaries 27,720

Total, Salaries 58,320

Wages, Natural History Museum 1,300

Expense, Natural History Museum 2,000

Equipment, Natural History Museum 300

Total, Wages, Expense, and Equipment 67,320

Total, School of Life Sciences $67,320

**Mathematics**

Account Number 00-32-54-100

1. Mahlon M. Day, Professor and Head of Department, A $15,500

2. Reinhold Baer, Professor, Emeritus R ........

3. Paul T. Bateman, Professor A 14,000

4. Colin R. Blyth, Professor A 11,400

5. D. G. Bourgin, Professor A 15,500

6. H. R. Brahana, Professor A 15,500

7. Stewart S. Cairns, Professor A 15,500

8. R. D. Carmichael, Professor, Emeritus ZR ........

9. A. B. Coble, Professor, Emeritus R ........

10. J. L. Doob, Professor, Emeritus ZA 17,500

(Total Salary) (20,500)

11. Maurice H. Heins, Professor A 14,500

12. Alex Heller, Professor A 9,700
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<td>P. W. Ketchum, Professor</td>
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<td>14</td>
<td>Joseph Landin, Professor</td>
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<td>15</td>
<td>Harry Levy, Professor</td>
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<td>11,500</td>
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<td>C. W. Mendel, Professor</td>
<td>A</td>
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<td>17</td>
<td>Henry J. Miles, Professor, Executive Secretary of Department</td>
<td>ZAY45</td>
<td>5,600</td>
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<td>20</td>
<td>Michio Suzuki, Professor</td>
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<td>(On leave without pay 1966-61)</td>
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<td>A. H. Taub, Research Professor of Applied Math.</td>
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<td>H. E. Vaughan, Professor</td>
<td>ZA</td>
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<td>Beulah M. Armstrong, Associate Professor</td>
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<td>Robert G. Bartle, Associate Professor</td>
<td>A</td>
<td>9,500</td>
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<td>William W. Boone, Associate Professor</td>
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<td>30</td>
<td>Donald L. Burkholder, Associate Professor of Math.</td>
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<td>33</td>
<td>Olive C. Hazlett, Associate Professor, Emerita</td>
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<td>34</td>
<td>Franz E. Hohn, Associate Professor</td>
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<td>36</td>
<td>G. E. Moore, Associate Professor, Emerita</td>
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<td>37</td>
<td>Howard Osborn, Associate Professor</td>
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<td>38</td>
<td>J. William Peters, Associate Professor</td>
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<td>(On leave without pay first semester and with pay second semester 1966-61)</td>
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<td>43</td>
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<td>44</td>
<td>Richard L. Bishop, Assistant Professor</td>
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<td>45</td>
<td>O. K. Bower, Assistant Professor</td>
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<tr>
<td>46</td>
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<td>47</td>
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<td>49</td>
<td>Robert M. Haber, Assistant Professor</td>
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<td>7,000</td>
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<td>Corinne Hattan, Assistant Professor</td>
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<td>52</td>
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<td>53</td>
<td>V. A. Hoersch, Assistant Professor, Emeritus</td>
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<td>54</td>
<td>Richard P. Jerrard, Assistant Professor</td>
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<td>55</td>
<td>Carl W. Kohls, Assistant Professor</td>
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<td>56</td>
<td>Ralph M. Krause, Assistant Professor</td>
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<td>Hiram Paley, Assistant Professor</td>
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<td>Echo D. Pepper, Assistant Professor</td>
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<td>59</td>
<td>Clarence Phillips, Assistant Professor</td>
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<td>Donald M. Roberts, Assistant Professor</td>
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<td>Jewell E. Schubert, Assistant Professor</td>
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<td>63. Herbert S. Wilf, Assistant Professor</td>
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<td>74. Tyler Allhands, Instructor</td>
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<td>75. David Sachs, Instructor</td>
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Nonacademic Salaries

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Illinois Journal of Mathematics Revolving

Account Number 12-32-54-336

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<tr>
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Microbiology

Account Number 00-32-55-100

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<tr>
<td>3.</td>
<td>Halvor O. Halvorson, Professor</td>
<td>A</td>
<td>11,700</td>
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<td>5.</td>
<td>Sol Spiegelman, Professor</td>
<td>A</td>
<td>15,250</td>
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<td>6.</td>
<td>G. I. Wallace, Professor</td>
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<td>7.</td>
<td>Halvor 0. Halvorson, Professor</td>
<td>A</td>
<td>12,500</td>
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<tr>
<td>8.</td>
<td>Ralph S. Wolfe, Associate Professor</td>
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(On leave with one-half pay 1960-61)

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<tbody>
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<td>9. John W. Drake, Assistant Professor</td>
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<tr>
<td>10. Joseph T. Wachsman, Assistant Professor</td>
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<tr>
<td>11. 7,000 Full Time Equivalent Assistants</td>
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Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE 2G319

Account Number 46-32-55-367

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<tr>
<td>1. Noboru Sueoka, Assistant Professor</td>
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U.S. PUBLIC HEALTH SERVICE 2G510

Account Number 46-32-55-370

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<td>1. Alfred Nisonoff, Associate Professor</td>
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Philosophy

Account Number 00-32-57-100

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<tr>
<td>1. D. W. Gotshalk, Professor</td>
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<td>$15,300</td>
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<td>Chairman of Department</td>
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<tr>
<td>2. M. H. Fisch, Professor</td>
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### Board of Trustees

#### [June 14]

**Nonacademic Salaries**

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**Account Number 00-32-63-100**

<table>
<thead>
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<th>Expense</th>
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**Total, Salaries**

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<th>$138 195</th>
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#### Physiology

1. Robert E. Johnson, Professor .................. ZA33 $ 5 600
   (Total Salary) ................................ (17 000)
2. C. Ladd Prosser, Professor .................. A 14 000
3. Frederick Sargent II, Professor .......... A 9 400
4. F. R. Steggerda, Professor ................. A 11 550
   (On leave with second semester 1960-61)
5. A. B. Taylor, Professor .................. A 9 950
6. Garth J. Thomas, Professor ............... ZAY50 7 000
   (Total Salary) ................................ (14 000)
7. John D. Anderson, Associate Professor ........ A 9 500
   (On leave with one-half pay 1960-61)
8. Howard S. Ducoff, Associate Professor .......... AY 10 500
9. W. P. Elhardt, Associate Professor, Emeritus .......... R 11 500
10. William H. Johnson, Associate Professor ........ A 7 900
11. Stanley G. Stolpe, Associate Professor ........ A 7 750
12. .................................................. A 14 100
13. Clyde Manwell, Assistant Professor .......... B 7 500
14. Duane C. Sutfin, Assistant Professor .......... B 7 200
15. G. C. Wickwire, Assistant Professor .......... B 6 700
16. 11:00 Full Time Equivalent Assistants .......... E 42 700
17. 1.50 Full Time Equivalent Research Assistants .......... DY 7 200
Nonacademic Salaries .................................. 27 230
   (Total, Salaries) ................................ (205 180)
Wages .................................................. 4 500
Expenses ............................................. 20 000
Equipment ............................................ 7 000
   (Total, Wages, Expense, and Equipment) .......... (37 500)
   (Total, Physiology) ................................ $242 680

#### Political Science

1. C. F. Snider, Professor .................. A} $ 13 800
   Chairman of Department .................. B}
2. Clarence A. Berdahl, Professor ............... G 11 500
   (On leave without pay 1960-61)
3. Royden Dangerfield, Professor ............... ZAY 11 500
### 1960 UNIVERSITY OF ILLINOIS

| 1. Lloyd G. Humphreys, Professor and Head of Department | A | $15,000 |
| 2. Raymond B. Cattell, Research Professor | A | $13,500 |
| 3. Lee J. Cronbach, Professor | ZAY |  |
| 4. Charles W. Eriksen, Professor | A | $10,300 |
| 5. Thomas N. Ewing, Professor | ZAY |  |
| 6. Fred E. Fiedler, Professor | A | $9,000 |
| 7. William M. Gilbert, Professor | ZAY |  |
| 8. G. Robert Grice, Professor | A | $11,000 |
| 9. Harold W. Hake, Professor | A | $10,200 |
| 10. Roy M. Hamlin, Professor | A17 | $1,800 |
| 11. Leo A. Hellmer, Professor | AY | $12,500 |
| 12. Glenn D. Higginson, Professor | A | $9,000 |
| 13. J. M. Hunt, Professor | A | $14,500 |
| 14. William E. Kappauf, Professor | A | $12,800 |
| 15. Lyle H. Lanier, Professor | ZAY |  |
| 16. O. Hobart Mower, Research Professor | A | $14,500 |
| 17. Lawrence I. O'Kelly, Professor | A | $12,800 |
| 18. Charles E. Osgood, Professor | ZAY27 |  |
| 19. Lawrence M. Stolurow, Professor | ZAY50 | $5,000 |
| 20. Ledyard R. Tucker, Professor | A | $14,000 |
| 21. Herbert Woodrow, Professor, Emeritus | R |  |
| 22. Paul T. Young, Professor, Emeritus | R |  |
| 23. Jack A. Adams, Associate Professor | A | $9,500 |
| 24. Wesley C. Becker, Associate Professor | A | $8,000 |

### Nonacademic Salaries

| Account Number | 00-32-66-100 |  |
|----------------|--------------|  |

### Wages, Expense, and Equipment

|  |  |  |
|Total, Salaries| (171,500) |  |
|Total, Wages, Expense, and Equipment| (2,500) |  |

Total, Political Science $174,000
25. Jozef B. Cohen, Associate Professor.................. A 8 000
26. Donelson E. Dulany, Jr., Associate Professor.......... A 8 250
27. Jerry Hirsch, Associate Professor................... A 8 500
(On leave without pay first semester 1960-61)
28. Alice K. Jonietz, Associate Professor................... ZAY 75
29. Robert P. Larsen, Associate Professor.................. ZAY 75
30. W. G. McAllister, Associate Professor................ A 8 000
31. William J. McGuire, Associate Professor............. ZAY 75 (8 250)
32. Jum C. Nunnally, Jr., Associate Professor......... ZAY 25 2 625
(On leave first semester 1960-61)
33. Donald R. Peterson, Associate Professor............... A 8 000
34. Hjalmar Rosen, Associate Professor................... ZAY 55 5 975
(Effective July 1, 1960)
35. Alan K. Rosenwald, Associate Professor............. AY 75
36. Ivan D. Steiner, Associate Professor and Associate Head of Department............ A 9 500
37. Pauline B. Armstrong, Assistant Professor......... ZFY 16 1 330
(Effective July 1, 1960)
38. Louis C. Ate, Jr., Assistant Professor............... ZBY 75
39. Raymond W. Frankmann, Assistant Professor........ B 7 000
40. Donald J. Shoemaker, Assistant Professor........... B 7 400
41. H. Wallace Sinaiko, Assistant Professor............... ZDY 14 1 720
(Effective July 1, 1960)
42. Stanley Stark, Assistant Professor................... ZBY 27 2 290
(Effective July 1, 1960)
43. Harry C. Triandis, Assistant Professor............... ZBY 55 5 900
(Effective July 1, 1960)
44. Morton Wagman, Assistant Professor................... ZBY 75
45. Morton W. Weir, Assistant Professor................... B 6 300
46. J. Eugene Ho, Assistant Professor................... ZBY 55 5 900
47. 10.00 Full Time Equivalent Assistants.................. E 30 900
Nonacademic Salaries........................................ 33 735
Total Salaries.................................................. (360 370)
Wages............................................................. 3 000
Expense.......................................................... 22 400
Equipment........................................................ 5 000
Total, Wages, Expense, and Equipment.................... (30 400)
Total, Psychology............................................... $390 770

Cooperative Investigations
U.S. Public Health Service 2M 5089
Account Number 46-32-66-166
1. David M. Jordan, Consulting Psychologist with rank of Associate Professor........... D25 4 700
2. Pauline B. Armstrong, Assistant Professor........... ZFY 84 6 170
(Effective July 1, 1960)
3. Perry London, Assistant Professor................... D 7 000
4. Donald T. Shannon, Assistant Professor............... D 7 600
Total, U.S. Public Health Service 2M 5089.................. $25 470

U.S. Public Health Service M 1041 R 2
Account Number 46-32-66-366
1. Gene R. LaForge, Research Assistant Professor...... DY 9 500
State Department of Public Welfare—Motivation Conflict
Account Number 47-32-66-311
1. Arthur B. Sweney, Research Associate............... DY 7 150

Russian
Account Number 90-32-68-100
1. Ralph E. Matlaw, Associate Professor and Head of Department............... A $12 000
2. Frances F. Sobotka, Associate Professor............... A 10 000
### 1960]

**UNIVERSITY OF ILLINOIS**

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### Cooperative Investigations

**Ford Foundation — Recidivism**

Account Number 44-32-60-229

| 1. Roger J. Fisher, Research Assistant               | DY| $4,800 |
| 2. George A. Pownall, Research Assistant            | DY| 5,800  |
| **Total, Ford Foundation — Recidivism**             |   | $10,600 |

### Spanish and Italian

Account Number 00-32-72-100

<p>| 1. W. H. Shoemaker, Professor of Spanish and Italian and Head of Department | A | $14,500 |</p>
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<td>E. Thayer Curry, Professor</td>
<td>A</td>
<td>$ 16 300</td>
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<td>Grant Fairbanks, Professor</td>
<td>A</td>
<td>$ 14 200</td>
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<td>Halbert E. Gulley, Professor</td>
<td>A</td>
<td>$ 9 500</td>
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<td>Barnard W. Hewitt, Professor</td>
<td>A</td>
<td>$ 11 900</td>
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<td></td>
<td>Marie Hochmuth, Professor</td>
<td>A</td>
<td>$ 9 900</td>
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<td></td>
<td>Lee S. Hultzen, Professor</td>
<td>A</td>
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<td>Richard Murphy, Professor</td>
<td>A</td>
<td>$ 10 900</td>
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<td></td>
<td>Raymond E. Nadeau, Professor</td>
<td>A</td>
<td>$ 9 500</td>
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<td>John J. O'Neill, Professor and Director of Speech and Hearing Clinics</td>
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<td>John Wesley Swanson, Professor and Executive Secretary of Department</td>
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<td>Clara M. Behringer, Associate Professor</td>
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<td>King W. Broadrick, Associate Professor</td>
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<td></td>
<td>Martin T. Cobin, Associate Professor</td>
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<td>Joseph W. Scott, Associate Professor, Supervisor of Dramatic Productions and Director of University Theatre</td>
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**Speech**

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<td>Betty R. G. Lance, Instructor in Spanish</td>
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<td>Mitchell D. Triwedi, Instructor in Spanish</td>
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<td>Hultzkn, Professor</td>
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27. Frances L. Johnson, Assistant Professor .................. ZB50
(Total Salary) .................................. 3 000
28. Lawrence W. Olson, Assistant Professor .................. B 7 200
29. Genevieve Richardson, Assistant Professor ................ B 6 700
30. Marie O. Shere, Assistant Professor .................. B 6 550
31. Bernhard R. Works, Assistant Professor .................. B 6 200
32. __________________, Assistant Professor .................. B 6 000
33. Mary H. Arbenz, Instructor .......................... D 6 300
34. Jane B. Archer, Instructor .......................... D 4 700
35. Webster L. Smalley, Instructor .......................... D 6 300
36. __________________, Instructor .................. D 5 250
37. 15.75 Full Time Equivalent Assistants .................. E 60 375
38. 0.50 Full Time Equivalent Research Assistants ..... DY 2 325
39. 0.60 Full Time Equivalent Assistants Nonrecurring ... E (2 100)
Nonacademic Salaries .................................. 31 280
Total, Salaries .................................. (383 960)

Wages ............................................. 1 700
Expense, General .................................. 6 783
Expense, Speech Laboratory .......................... 2 700
Equipment .................................... 3 600
Total, Wages, Expense, and Equipment ................... (14 783)
Total, Speech .................................. $398 763

Speech Revolving
Account Number 12-32-75-170
Nonacademic Salaries .................................. $ 3 060
Expense ............................................. 500
Total, Speech Revolving .................................. $ 3 560

Zoology
Account Number 00-32-79-100
1. James B. Kitzmiller, Professor .................. A) $ 13 700
Chairman of Department .......................... B)
2. L. A. Adams, Professor, Emeritus .................. R
3. F. B. Adamstone, Professor .................. A 13 000
4. B. Vincent Hall, Professor .................. A 10 500
5. C. G. Hartman, Professor, Emeritus .................. R
6. Donald F. Hoffmeister, Professor .................. ZAY
7. Lester Ingle, Professor .......................... A 10 000
8. S. Charles Kendeigh, Professor .................. A 13 000
9. R. R. Kudo, Professor, Emeritus .................. R
10. Wilbur M. Luce, Professor .................. A 9 500
11. David L. Nanney, Professor .................. A 12 500
12. V. E. Shelford, Professor, Emeritus .................. R
13. Hobart M. Smith, Professor .................. A 10 800
14. Lyell J. Thomas, Professor .................. A 12 000
15. __________________, Professor .................. A 13 500
16. Robert S. Bader, Associate Professor .................. A 7 850
17. John O. Corliss, Associate Professor .................. A 9 600
(On leave with pay first semester 1960-61)
18. Francis J. Kruidenier, Associate Professor .................. A 9 050
19. Max R. Matteson, Associate Professor .................. A 8 200
20. Hurst H. Shoemaker, Associate Professor .................. A 8 000
21. George W. Barlow, Assistant Professor .................. B 6 500
22. Wesley J. Birge, Assistant Professor .................. B 6 800
23. Michael J. Greenberg, Assistant Professor .................. B 6 500
24. __________________, Assistant Professor .................. B 6 500
25. __________________, Histological Technician .................. E 3 800
26. __________________, Research Assistant .................. E 3 800
27. 17.00 Full Time Equivalent Assistants .................. E 64 600
28. 0.50 Full Time Equivalent Research Assistants ..... DY 2 400
Nonacademic Salaries ........................................ 33 857

Total, Salaries ................................... (295 957)

Wages ........................................... 3 300

Expense ........................................ 25 200

Equipment .................................... 8 000

Total, Wages, Expense, and Equipment ...... (36 800)

Total, Zoology .................................. $332 757

Classical Museum

Account Number 00-32-81-100

1. John L. Heller, Curator, Emerita .......... ZA

Total, Salaries ................................... $1 500

Wages .............................................. 1 500

Expense ........................................... 200

Equipment ........................................ 300

Total, Wages, Expense, and Equipment ..... (2 000)

Total, Classical Museum ....................... $ 2 000

European Culture Museum

Account Number 00-32-83-100

1. Florence Fletcher, Curator, Emerita .... R

2. 0.50 Full Time Equivalent Assistants ...... E $1 900

Total, Salaries ................................... (1 900)

Wages .............................................. 1 500

Expense ........................................... 150

Equipment ........................................ 450

Total, Wages, Expense, and Equipment ..... (2 100)

Total, European Culture Museum ............. $ 4 000

COLLEGE OF PHYSICAL EDUCATION

General

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Total, General .................... $677 400 $87 050 $764 450

Restricted

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<td>Rehabilitation Transportation Revolving</td>
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Total, Instruction ............... (2 100) (2 100)

Organized Research

Estimated Private Gifts .......... $3 000 $6 000 $9 000

Extension and Public Services

Recreation Service Revolving .... $3 000 $8 400 $11 400

Total, Restricted ................ $3 000 $8 400 $11 400

Administration

Account Number 00-36-01-100

1. S. C. Staley, Dean ................... ZBY $1 800

2. Asbury C. Moore, Jr., Assistant to Dean (Total Salary) ........... ZDY75 $6 150

Nonacademic Salaries ............. 7 380

Total, Salaries ..................... (31 530)
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<td>3. George T. Stafford, Professor of Health Education</td>
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<td>4. Floyd E. Boys, Associate Professor of Health Education</td>
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<td>5. Gertrude B. Couch, Associate Professor of Health Education</td>
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<td>6. Warren J. Huffman, Assistant Professor of Health Education</td>
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<td>7. Clyde A. Bridger, Lecturer in Health Education</td>
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<td>8. Isabelle M. Crawford, Lecturer in Health Education</td>
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<td>9. E. L. Wittenborn, Jr., Lecturer in Health Education</td>
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### Physical Education for Men

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<td>5. S. C. Staley, Professor</td>
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<td>8. Alfred W. Hubbard, Associate Professor</td>
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<td>9. Burton A. Ingwersen, Associate Professor</td>
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<td>12. Howard J. Braun, Assistant Professor</td>
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17. L. T. Johnson, Assistant Professor ................... B13 950
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18. A. B. Klingel, Assistant Professor .................. B25 2 000
   (Also paid $8,700 by Athletic Association)
19. Thomas F. Krizan, Assistant Professor .......... D 6 500
20. H. C. Paterson, Assistant Professor ............... B 8 950
21. Buel R. Patterson, Assistant Professor .......... B25 1 900
   (Also paid $7,200 by Athletic Association)
22. Richard H. Pohndorf, Assistant Professor ....... B 7 900
23. Charles P. Pond, Assistant Professor ............. B75 5 900
   (Also paid $3,100 by Athletic Association)
24. E. J. Manley, Associate, Emeritus .................. R ... 
25. Richard A. Berger, Instructor ...................... E 5 500
26. Edmund M. Bernauer, Instructor ............. D50 2 600
   (Also paid $3,200 by Athletic Association)
27. William A. Bynum, Jr., Instructor ................. D 5 500
   (Total Salary) ........................................ (5 700)
29. Ashbury C. Moore, Jr., Instructor ................. ZDY25 2 950
   (Total Salary) ........................................ (8 200)
30. John T. Powell, Instructor ........................ D75 4 850
31. Eugene C. Stauber, Instructor ...................... D25 1 700
   (Also paid $7,800 by Athletic Association)
32. J. Thomas Fisher, Assistant ....................... E 4 950
33. William L. Hottinger, Assistant .................... E 5 500
34. Coleman B. Mcl'hall, Assistant .................... E25 1 150
   (Also paid $7,250 by Athletic Association)
35. Robert L. Nicolette, Assistant ..................... E13 800
   (Also paid $6,300 by Athletic Association)
36. William L. Tate, Assistant ........................ E25 1 200
   (Also paid $6,100 by Athletic Association)
37. William D. Taylor, Assistant ...................... E25 1 450
   (Also paid $7,950 by Athletic Association)
38. James J. Valek, Assistant ........................ E25 1 350
   (Also paid $7,250 by Athletic Association)
39. Brodie C. Westen, Jr., Assistant ............. E 4 000
40. Carita Robertson, Associate Professor ......... A ... 
41. Ann E. Jewett, Associate Professor ............... ZA25 2 075
   (Total Salary) ........................................ (8 300)
42. Carol E. Huelster, Professor and Head of Department A $ 12 000
43. Louise Freer, Professor, Emerita ................. R ... 
44. Margaret Erlanger, Associate Professor .......... A 8 000
45. Nonacademic Salaries ...................................(277 045)
   Total, Salaries ...........................................
   Total, Wages, Expense, and Equipment .......... $(26 400)
   Total, Physical Education for Men ............... $303 445

Physical Education Revolving
Account Number 12-36-10-170

Expense ........................................... $ 1 000

Total, Physical Education Revolving ................ $ 1 000

Physical Education for Women
Account Number 00-36-20-100
1. Laura J. Huelster, Professor and Head of Department A $ 12 000
2. Louise Freer, Professor, Emerita .................... R ... 
3. Margaret Erlanger, Associate Professor .......... A 8 000
4. Ann E. Jewett, Associate Professor ............... ZA25 2 075
   (Total Salary) ........................................ (8 300)
5. Carita Robertson, Associate Professor .......... A 8 000
6. Beulah J. Drom, Assistant Professor .................. B 6,950
   (On leave with pay first semester 1960-61)
7. Phyllis Jo Hill, Assistant Professor ................. ZB80 5,000
   (Total Salary) .................................................. (6,250)
8. Mary Florence Lawson, Assistant Professor, Emerita .. R 5,560
9. Enid Schnauber, Assistant Professor .................. ZB80 5,690
   (Total Salary) .................................................. (6,950)
10. Olive G. Young, Assistant Professor ............... B 7,000
11. Martha A. Aly, Instructor .......................... D 5,300
12. Florence P. Cullen, Instructor ..................... D 6,650
13. M. Lorraine Flower, Instructor ..................... D 6,500
14. Marjorie M. Harris, Instructor ..................... D 5,850
15. Amelis S. Jensen, Instructor ....................... D 5,750
16. Mary H. Slaughter, Instructor ...................... D 5,950
17. Marjorie A. Souder, Instructor ..................... ZD90 5,085
   (Total Salary) .................................................. (5,650)
18. Alan R. Thomas, Instructor ........................ ZD33 2,230
   (Total Salary) .................................................. (4,460)
19. Willis W. Ward, Jr., Instructor .................... D 5,350
20. Beverly D. Wilson, Instructor ...................... D 5,300
21. Nancy W. Zaharko, Instructor ....................... D 5,250
22. __________________, Instructor ................. D 5,400
23. Helga Deutsch, Assistant ........................... E 4,800
24. 5.00 Full Time Equivalent Assistants .............. E 19,450

Nonacademic Salaries .............................................. 20,845
Total, Salaries .................................................. (164,295)
Wages .................................................................. 2,900
Expense ............................................................. 13,400
Equipment .......................................................... 2,400
Total, Wages, Expense, and Equipment ..................... (18,700)
Total, Physical Education for Women ....................... $182,995

Recreation

Account Number 00-36-25-100
1. Charles K. Brightbill, Professor and Head of Department ... A $15,300
2. Allen V. Saporra, Professor .......................... A 10,450
3. Maxwell R. Garret, Assistant Professor ............. B75 5,500
   (Also paid $3,500 by Athletic Association)
   (On leave with pay first semester 1960-61)
4. Howard E. Weaver, Assistant Professor ............. B 8,200
5. Mary V. Frye, Instructor ............................ D 6,450
6. Edward H. Storey, Instructor ....................... DY 8,200
7. __________________, Lecturer ......................... G25 800
   (First semester)
8. 3.50 Full Time Equivalent Assistants .............. E 14,000
Nonacademic Salaries .............................................. 7,380
Total, Salaries .................................................. (76,286)
Wages .................................................................. 1,950
Expense ............................................................. 3,490
Equipment .......................................................... 350
Total, Wages, Expense, and Equipment ..................... (5,760)
Total, Recreation .................................................. $82,040

Recreation Service Revolving
Account Number 12-36-25-470
Expense ............................................................. $300
Total, Recreation Service Revolving ........................... $300

Student Rehabilitation Center

Account Number 00-36-30-100
1. Timothy J. Nugent, Assistant Professor of Physical Education for Men ... BY $10,000
2. Charles D. Elmer, Instructor in Physical Education for Men ........................................... 
3. Dean Trembly, Instructor in Physical Education for Men ............................................. 
4. Kenneth S. Clarke, Supervisor of Special Services with rank of Assistant ....................... 
5. 2.00 Full Time Equivalent Assistants .................................................................

Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total, Salaries</th>
<th>$53 400</th>
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Wages

<table>
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<th>Total, Wages, Expense, and Equipment</th>
<th>$76 600</th>
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Rehabilitation Transportation Revolving

Account Number 12-36-30-172

<table>
<thead>
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<th>Total, Rehabilitation Transportation Revolving</th>
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</table>

DIVISION OF UNIVERSITY EXTENSION

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Correspondence Courses</td>
<td>$26 160</td>
<td>$7 200</td>
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</table>

Extension and Public Services

<table>
<thead>
<tr>
<th>Administration</th>
<th>Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference Programs</td>
<td>$43 095</td>
</tr>
<tr>
<td>Programs in Education</td>
<td>$14 380</td>
</tr>
<tr>
<td>Police Training Institute</td>
<td>$37 700</td>
</tr>
<tr>
<td>Extramural Classes</td>
<td>$45 585</td>
</tr>
<tr>
<td>Field Staff</td>
<td>$13 510</td>
</tr>
</tbody>
</table>

Total, Extension and Public Services | $(312 690) | $(309 210) | $(621 900) |

Total, General | $338 850 | $316 410 | $655 260 |

Restricted

<table>
<thead>
<tr>
<th>Extension and Public Services</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Short Courses and Conferences Revolving</td>
<td>$10 020</td>
<td>$187 500</td>
</tr>
<tr>
<td>Extramural Classes Revolving</td>
<td>$32 000</td>
<td>32 000</td>
</tr>
<tr>
<td>Music Extension Revolving</td>
<td>$80 000</td>
<td>80 000</td>
</tr>
<tr>
<td>Summer Speech Workshop Revolving</td>
<td>$2 100</td>
<td>2 100</td>
</tr>
<tr>
<td>Graphic Arts Revolving</td>
<td>$62 160</td>
<td>$180 000</td>
</tr>
</tbody>
</table>

Total, Extension and Public Services | $(72 180) | $(481 600) | $(553 780) |

Auxiliary Enterprises

Allerton House Operations | $48 250 | 91 000 | 139 250 |

Total, Restricted | $120 430 | $572 600 | $693 030 |

Administration

<table>
<thead>
<tr>
<th>Account Number 00-40-01-400</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. ________________________</td>
</tr>
<tr>
<td>2. Gerald C. Carter, Supervisor of Counseling and Testing</td>
</tr>
<tr>
<td>3. Stanley C. Robinson, Associate Dean</td>
</tr>
<tr>
<td>4. Helen Farlow, Extension Specialist in Journalism</td>
</tr>
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</table>

Nonacademic Salaries

<table>
<thead>
<tr>
<th>Total, Salaries</th>
<th>$(75 060)</th>
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Wages

<table>
<thead>
<tr>
<th>Total, Wages</th>
<th>$1 925</th>
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Expenses

<table>
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<tr>
<th>Total, Equipment</th>
<th>4 180</th>
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</thead>
<tbody>
<tr>
<td>Account Number</td>
<td>Description</td>
</tr>
<tr>
<td>----------------</td>
<td>-------------</td>
</tr>
<tr>
<td>00-40-10-100</td>
<td>Convention Travel</td>
</tr>
<tr>
<td></td>
<td>Nonrecurring Unassigned</td>
</tr>
<tr>
<td></td>
<td>Equipment</td>
</tr>
<tr>
<td></td>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<tr>
<td></td>
<td><strong>Total, Administration</strong></td>
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</table>

**Correspondence Courses**

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Salary</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-40-10-100</td>
<td>Neil F. Garvey, Director</td>
<td>ZBY75</td>
<td>$8,250</td>
<td>(11,000)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total, Correspondence Courses</strong></td>
<td>$8,250</td>
<td></td>
<td>(11,000)</td>
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</table>

**State of Illinois — Public Safety and Fire Prevention**

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Salary</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>47-40-15-426</td>
<td>R. K. Newton, Supervisor of Fire Prevention in Extension</td>
<td>ZBY50</td>
<td>$5,125</td>
<td>(10,250)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Samuel E. Crow, Extension Specialist</td>
<td>DY</td>
<td>7,000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joseph I. Fetter, Extension Specialist</td>
<td>DY</td>
<td>9,850</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Willford J. Eckert, Extension Specialist</td>
<td>DY</td>
<td>6,700</td>
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<tr>
<td></td>
<td><strong>Total, State of Illinois — Public Safety and Fire Prevention</strong></td>
<td>$29,575</td>
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<td>(11,000)</td>
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**Conference Programs**

<table>
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<tr>
<th>Account Number</th>
<th>Description</th>
<th>Salary</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-40-20-400</td>
<td>Norman W. Johnson, Supervisor of Short Courses and Conferences</td>
<td>ZBY11</td>
<td>$13,150</td>
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</tr>
<tr>
<td></td>
<td>R. K. Newton, Supervisor of Engineering Extension with rank of Associate Professor</td>
<td>ZBY50</td>
<td>5,125</td>
<td>(10,250)</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Hugh M. Davis, Extension Specialist</td>
<td>ZDY88</td>
<td>7,150</td>
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<tr>
<td></td>
<td>Romayne C. Wicklund, Extension Specialist</td>
<td>DY</td>
<td>6,900</td>
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<tr>
<td></td>
<td><strong>Total, Salaries</strong></td>
<td>(43,005)</td>
<td></td>
<td>(11,000)</td>
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</tr>
<tr>
<td>Nonacademic Salaries</td>
<td></td>
<td>1,000</td>
<td>2,400</td>
<td>2,000</td>
<td>1,000</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td></td>
<td>(6,500)</td>
<td></td>
<td>(11,000)</td>
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<tr>
<td><strong>Total, Conference Programs</strong></td>
<td></td>
<td>$49,505</td>
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<td>(11,000)</td>
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**Short Courses and Conferences Revolving**

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Salary</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-40-20-470</td>
<td>Nonacademic Salaries</td>
<td></td>
<td>$10,020</td>
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<td></td>
<td><strong>Total, Salaries</strong></td>
<td>(10,020)</td>
<td></td>
<td>(11,000)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wages</td>
<td></td>
<td>35,000</td>
<td>152,000</td>
<td></td>
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<tr>
<td>Expense</td>
<td></td>
<td>35,000</td>
<td>152,000</td>
<td>(187,500)</td>
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<tr>
<td>Equipment</td>
<td></td>
<td>35,000</td>
<td>152,000</td>
<td>(187,500)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total, Short Courses and Conferences Revolving</strong></td>
<td></td>
<td>$197,520</td>
<td></td>
<td>(11,000)</td>
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</table>
### Auxiliary — Allerton House Operation

Account Number 18-40-20-784

1. Norman W. Johnson, Director of Robert Allerton House

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$48,250</th>
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</thead>
<tbody>
<tr>
<td><strong>Total, Salaries</strong></td>
<td><strong>$48,250</strong></td>
</tr>
<tr>
<td>Wages</td>
<td>10,000</td>
</tr>
<tr>
<td>Expense</td>
<td>67,500</td>
</tr>
<tr>
<td>Equipment</td>
<td>7,500</td>
</tr>
</tbody>
</table>

| **Total, Wages, Expense, and Equipment** | **$139,000** |
| **Total, Auxiliary — Allerton House Operation** | **$139,250** |

### Police Training Institute

Account Number 00-40-22-400

1. Ervin H. Warren, Director

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$10,450</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Salaries</strong></td>
<td><strong>$10,450</strong></td>
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<tr>
<td>Wages</td>
<td>2,500</td>
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<tr>
<td>Expense</td>
<td>10,000</td>
</tr>
<tr>
<td>Equipment</td>
<td>200</td>
</tr>
</tbody>
</table>

| **Total, Wages, Expense, and Equipment** | **$12,700** |
| **Total, Police Training Institute**   | **$27,080** |

### Extramural Classes

Account Number 00-40-30-400

1. Scott B. York, Supervisor of Extramural Classes with rank of Associate Professor

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$10,800</th>
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<tbody>
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<td><strong>Total Salaries</strong></td>
<td><strong>$10,800</strong></td>
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<tr>
<td>Wages</td>
<td>5,950</td>
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<tr>
<td>Expense</td>
<td>3,750</td>
</tr>
<tr>
<td>Equipment</td>
<td>6,225</td>
</tr>
</tbody>
</table>

| **Total, Extramural Classes** | **$23,550** |
| **Total Salary**              | **$23,550** |

2. Herman Erickson, Professor of Labor and Industrial Relations

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$5,950</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$5,950</strong></td>
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3. Homer L. Gammill, Professor of Industrial Psychology

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<thead>
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<th>Nonacademic Salaries</th>
<th>$5,700</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$5,700</strong></td>
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4. Phillips L. Garman, Professor of Labor and Industrial Relations

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<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$3,750</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$3,750</strong></td>
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</table>

5. John F. Humes, Professor of Industrial Psychology

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$5,950</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$5,950</strong></td>
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</tbody>
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6. Richard R. Marsh, Professor of Food Technology

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$8,400</th>
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<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$8,400</strong></td>
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7. Daniel W. Snader, Professor of Education

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$4,200</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$4,200</strong></td>
</tr>
</tbody>
</table>

8. George T. Stafford, Professor of Physical Education

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$3,000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$3,000</strong></td>
</tr>
</tbody>
</table>

9. Earl C. Wolfe, Professor of Labor and Industrial Relations

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$6,225</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$6,225</strong></td>
</tr>
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</table>

10. Warren J. Huffman, Assistant Professor of Health Education

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>$2,250</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
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11. Milferd Lieberthal, Assistant Professor of Labor and Industrial Relations

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<thead>
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</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
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</table>

12. Olive C. DeBrueler, Instructor in Library Science

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
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</thead>
<tbody>
<tr>
<td><strong>Total Salary</strong></td>
<td><strong>$3,400</strong></td>
</tr>
</tbody>
</table>

13. Robert L. Johnston, Extension Specialist

<table>
<thead>
<tr>
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</thead>
<tbody>
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<td><strong>Total Salary</strong></td>
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<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Total, Salaries</strong></td>
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</tr>
<tr>
<td>Wages, Nonacademic Courses</td>
<td>$160,570</td>
</tr>
<tr>
<td>Wages</td>
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</tr>
</tbody>
</table>

Expense ................................................. 82,215  
Equipment ............................................... 4,700  
**Total, Wages, Expense, and Equipment** ........................................... (257,905)  
**Total, Extramural Classes** .................................................. $347,355  

**Extramural Classes Revolving**

Account Number 12-40-30-470  
Wages .......................................................... $19,000  
Expense .......................................................... 13,000  
**Total, Extramural Classes Revolving** ........................................ $32,000  

**Field Staff**

Account Number 00-40-40-400  
1. Walter V. Brown, Extension Specialist .................. DY $8,950  
2. Arthur J. Proteau, Extension Specialist .................. DY 9,250  
3. Fred W. Steunegel, Extension Specialist .................. DY 8,100  
Nonacademic Salaries ................................................................. 5,400  
**Total, Salaries** ................................................................. (31,700)  
Expense ................................................................. 10,000  
Equipment ................................................................. 500  
**Total, Wages, Expense, and Equipment** ........................................ (10,500)  
**Total, Field Staff** .......................................................... $42,200  

**Music Extension**

Account Number 00-40-50-400  
1. John Paul Painter, Director of Music Extension ........... ZBY $10,700  
2. Thomas S. Richardson, Assistant to Director ............ ZBY 9,000  
3. Gilbert R. Waller, Professor of Music Education ........ ZAg0 8,250  
   *(Total Salary)* ................................................................. (6,050)  
4. Daniel J. Perrino, Assistant Professor of Music Education .......... ZBY 7,500  
Nonacademic Salaries ................................................................. 13,560  
**Total, Salaries** ................................................................. (45,585)  
Wages ................................................................. 200  
Expense ................................................................. 3,700  
Equipment ................................................................. 1,000  
**Total, Wages, Expense, and Equipment** ........................................ (4,900)  
**Total, Music Extension** .................................................. $50,485  

**Music Extension Revolving**

Account Number 12-40-50-470  
Expense ................................................................. $80,000  
**Total, Music Extension Revolving** ........................................ $80,000  

**Summer Speech Workshop Revolving**

Account Number 12-40-50-478  
Expense ................................................................. $2,100  
**Total, Summer Speech Workshop Revolving** ................................ $2,100  

**Audio-Visual Aids**

Account Number 00-40-60-400  
1. Thomas H. Boardman, Supervisor of Audio-Visual  
   Aids with rank of Assistant Professor .................. BY $9,550  
Nonacademic Salaries ................................................................. 3,900  
**Total, Salaries** ................................................................. (13,510)  
Expense ................................................................. 3,900  
Equipment ................................................................. 4,000  
**Total, Wages, Expense, and Equipment** ........................................ (7,900)  
**Total, Audio-Visual Aids** .................................................. $21,410
### Graphic Arts Revolving

Account Number 12-40-60-470  
Nonacademic Salaries .................................. $ 62,160  
Total, Salaries .......................................... (62,160)  
Wages ..................................................... 10,000  
Expense .................................................... 155,000  
Equipment ................................................ 15,000  
Total, Wages, Expense, and Equipment ................... (180,000)  
Total, Graphic Arts Revolving ............................ $242,160

### COLLEGE OF VETERINARY MEDICINE

#### General

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### Administration

Account Number 00-44-01-100  
1. C. A. Brandly, Professor and Dean  
   (Total Salary) .................. ZBY75 $ 15,375  
   (20,300)  
2. Robert Graham, Professor and Dean, Emeritus  
   (Total Salary) .................. R 2,610  
3. 0.50 Full Time Equivalent Assistant Editor  
   (Total Salary) .................. DY 2,610  
Nonacademic Salaries  
   Total, Salaries .................. 118,870  
Wages .................................. 5,710  
Expense .................................. 10,400  
Contingency .................................. 3,000  
Convention Travel .................................. 800  
Nonrecurring Unassigned Equipment .................................. 1,500  
Total, Wages, Expense, and Equipment .................. (21,410)  
Total, Administration .................. $158,295  

### Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2084  
Account Number 46-44-01-356  
1. Julius P. Kreier, Instructor in Veterinary Pathology and Hygiene  
   (Total Salary) .................. ZDY17 $ 1,000  
   (5,850)
2. Wilhelm F. Schaeffler, Instructor in Veterinary Pathology and Hygiene. ZDY17 $1,045 (4,000)
3. Marilyn Larson, Assistant in Veterinary Pathology and Hygiene. ZDY50 $2,325 (4,650)

Total, U.S. Public Health Service E2084. $4,370

Veterinary Anatomy and Histology

Account Number 00-44-10-100
1. L. E. St. Clair, Professor and Head of Department. ZAY75 $10,125 (13,500)
2. Ray D. Hatch, Professor. ZAY
3. Richard A. Notzold, Instructor. DY $6,800
4. Elizabeth J. Reeves, Instructor. DY $6,000
5. A. H. Safanie, Instructor. ZDY90 $8,640 (9,600)
6. Ernest V. Stromlund, Instructor. DY $6,500 (38,065)

Total, Salaries $2,300
Expense $1,000
Equipment $3,300

Total, Wages, Expense, and Equipment $41,365

Veterinary Clinical Medicine

Account Number 00-44-20-100
1. Loyd E. Boley, Professor and Head of Department. ZAY $10,000
2. Harry Jr. Hardenbrook, Professor. ZAY $12,300
3. Ray D. Hatch, Professor. ZAY $12,200
4. Alfred G. Schiller, Associate Professor. AY $12,100
5. Bruce Brodie, Assistant Professor. BY $8,700
6. Dragutin Maksic, Assistant Professor. BY $8,800
7. John P. Manning, Assistant Professor. BY $8,800
8. Alfred G. Schiller, Associate Professor. AY $8,000
9. Lloyd C. Helper, Instructor. ZDY70 $4,880 (6,950)
10. Thomas N. Phillips, Instructor. DY $8,100
11. Erwin Small, Instructor. DY $7,900
12. Instructor. ZDY70 $4,480 (111,360)

Total, Salaries $4,010
Expense $2,500
Equipment $6,510

Total, Wages, Expense, and Equipment $117,870

Veterinary Clinic Revolving

Account Number 12-44-20-270
Nonacademic Salaries $10,140
Expense $58,000

Total, Veterinary Clinic Revolving $68,140

Veterinary Pathology and Hygiene

Account Number 00-44-30-100
1. J. O. Alberts, Professor and Head of Department. ZAY65 $9,750 (15,000)
2. Paul D. Beamer, Professor. ZAY75 $9,750 (13,000)
(Transferred to Trust for two years from June 1, 1960)
3. Loyd E. Boley, Professor. ZAY
4. C. A. Brandly, Professor of Veterinary Microbiology and Public Health. ZAY

Totoal, Salaries $9,750
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<td>Miodrag Ristic</td>
<td>Professor</td>
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<td>Diego Segre</td>
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<td>Deam H. Ferris</td>
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<td>Lyle E. Hanson</td>
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<td>ZAY15</td>
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<td>Manford E. Mansfield</td>
<td>Associate Professor of Veterinary Extension</td>
<td>ZAY</td>
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<td>Adolf M. Watrach</td>
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<td>George T. Woods</td>
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<td>Jesse R. Pickard</td>
<td>Assistant Professor of Veterinary Extension</td>
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<td>Harry E. Rhodes</td>
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<td>Thomas E. Fritz</td>
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<td>Virginia Ivens</td>
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<td>Wilhelm F. Schaeffler</td>
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<td>Julius P. Kreier</td>
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<td>Roger P. Link</td>
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<td>Julie P. Kreier</td>
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Total Salaries

Cooperative Investigations

U.S. Public Health Service E 2087
Account Number 46-44-30-363
1. Marilyn Larson, Assistant.................. ZDY50 $ 2,325
   (Total Salary) .................................. (4,650)

U.S. Public Health Service E 2141
Account Number 46-44-30-365
1. Julius P. Kreier, Instructor............... ZDY74 $ 4,350
   (Total Salary) .................................. (5,850)
2. Christina G. Barthel, Assistant............ DY $ 4,650
3. Sharon L. Dinger, Assistant............... ZDY87 $ 4,060
   (Total Salary) .................................. (4,650)

Total, U.S. Public Health Service E 2141 .......................... $ 13,060

U.S. Public Health Service E 3315
Account Number 46-44-30-369
1. Julius P. Kreier, Instructor............... ZDY9 $ 500
2. Sharon L. Dinger, Assistant............... ZDY13 $ 590
   Total, U.S. Public Health Service E 3315 ....... $ 1,090

Veterinary Physiology and Pharmacology
Account Number 00-44-40-100
1. Jesse Sampson, Professor and Head of Department... ZAY70 $ 8,540
   (Total Salary) .................................. (12,200)
2. Harry Jr. Hardenbrook, Professor.............. ZAY $ 11,565
   (Total Salary) .................................. (12,850)
3. Roger P. Link, Professor...................... ZAY90 $ 3,570
   (Total Salary) .................................. (12,350)
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<td>12-50-10-186</td>
<td>Air Force Uniform Improvements Revolving</td>
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**UNIVERSITY OF ILLINOIS**

| 5. | Assistant Professor | BY | 7,500 |
| 6. | Denzil E. Dees, Instructor | ZDY35 | 2,370 |
| 7. | Om P. Malhotra, Instructor | DY | 6,000 |

**Total, Salaries**

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**Total, Wages, Expense, and Equipment**

|  | $ (3,500) |

**Total, Veterinary Physiology and Pharmacology**

|  | $43,045 |

**ARMED FORCES**

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**Total, Wages, Expense, and Equipment**

|  | $12,470 |

**Total, Air Force Science**

|  | $12,470 |

**Air Force Uniform Improvements Revolving**

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**Total, Air Force Basic Uniform Cleaning Revolving**

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### Military Science and Tactics

Account Number 00-50-30-100

1. Clair M. Worthy, Professor and Head of Department AY  
2. Dan R. McClelland, Adjutant, R.O.T.C.  

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**Total, Military Science and Tactics**

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### Military Clothing and Equipment Revolving

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**Total, Military Clothing and Equipment Revolving**

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### Military Uniforms Revolving

Account Number 12-50-30-186

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**Total, Military Uniforms Revolving**

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### Army R.O.T.C. Improvements Revolving

Account Number 12-50-30-188

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**Total, Army R.O.T.C. Improvements Revolving**

**$200**

### Naval Science

Account Number 00-50-40-100

1. Robert C. Knowles, Professor and Head of Department AY  
2. ————, Executive Officer  

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**Total, Naval Science**

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### INSTITUTE OF AVIATION

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### Institute of Aviation

Account Number 00-52-10-100

1. Leslie A. Bryan, Director  
2. Jesse W. Stonecipher, Chief Flight Instructor  

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<td>Daniel J. Elazar, Assistant Professor</td>
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Total, Institute of Government and Public Affairs... $75,010
Public Affairs Revolving

Account Number 12-56-10-370
Nonacademic Salaries ........................................... $ 3,900
Total, Salaries .............................................. (3,900)
Wages ................................................................. 1,000
Expense .................................................................. 4,000
Total, Wages, Expense, and Equipment: ...................... (8,900)
Total, Public Affairs Revolving ................................. $ 8,900

INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS

General

Organized Research
Institute of Labor and Industrial Relations ............... $250,720 $22,700 $273,420
Total, General ...................................................... $273,420

Restricted

Organized Research
Research Publications Revolving ......................... $ 500 $ 500
Revolving General .................................................. 1,500
10
Estimated Private Gifts ........................................ $ 6,000 $ 6,000 $12,000
Total, Restricted ................................................... $12,000

Institute of Labor and Industrial Relations

Account Number 00-60-10-300
1. Martin Wagner, Director ......................................... BY
   (Total Salary) .................................................. $16,500
   (Includes full time in summer)
2. W. Ellison Chalmers, Professor of Economics ........... ZAY
   (Total Salary) .................................................. 14,950
3. Milton Derber, Professor ........................................ AY
   (Total Salary) .................................................. 15,000
4. Murray J. Edelman, Professor of Political Science .... ZAY45
   (Total Salary) .................................................. 5,400
   (Includes full time in summer)
5. Herman Erickson, Professor ..................................... ZAY50
   (Total Salary) .................................................. 5,950
6. Homer L. Gammill, Professor of Industrial Psychology ... ZAY50
   (Total Salary) .................................................. 5,700
7. Phillip L. Garman, Professor ..................................... ZAY75
   (Total Salary) .................................................. 11,250
8. John F. Humes, Professor of Industrial Psychology .... ZAY50
   (Total Salary) .................................................. 5,950
9. Solomon B. Levine, Professor ................................... AY
   (Total Salary) .................................................. 11,000
10. W. H. McPherson, Professor of Economics ................ ZAY
    (On leave with one-half pay 1960-61).................... 14,550
11. Richard C. Wilcock, Professor ............................... ZAY50
    (On leave without pay first semester 1960-61)....... 11,000
12. Earl C. Wolfe, Professor ........................................ ZAY50
    (Total Salary) .................................................. 6,225
    (Includes full time in summer)................. 12,450
13. ———, Professor of Psychology ............................ A60
    (Total Salary) .................................................. 6,600
14. Margaret K. Chandler, Associate Professor of Sociology... ZAY50
    (Total Salary) .................................................. 4,000
    (On leave without pay 1960-61) ....................... 8,000
15. Bernard Karsh, Associate Professor of Sociology ....... ZAY75
    (Total Salary) .................................................. 7,460
    (On leave with one-half pay 1960-61) ............... 6,950
16. Hjalmar Rosen, Associate Professor of Psychology .... ZAY45
    (Total Salary) .................................................. 4,875
    (Includes full time in summer) ......... (10,850)
17. Andrew J. Wann, Associate Professor ....................... AY
    (On leave without pay 1960-61) ....................... 9,900
18. Barbara D. Dennis, Editor with rank of Assistant Professor ... BY
    (On leave with one-half pay 1960-61) ............... 8,050
1960] UNIVERSITY OF ILLINOIS

19. Gilbert E. Donahue, Librarian with rank of Assistant Professor.......................... ZBY50 3 875
   (Total Salary)........................................................................................................ 3 875
20. Walter H. Franke, Assistant Professor.................................................. BY 8 100
21. Milferd Lieberthal, Assistant Professor.................................................. ZBY50 4 025
   (Total Salary)........................................................................................................ 8 050
22. Stanley Stark, Assistant Professor of Psychology.................................... ZBY73 6 210
   (Total Salary)........................................................................................................ 6 210
23. Harry C. Triandis, Assistant Professor of Psychology.......................... ZBY45 4 160
   (Total Salary)........................................................................................................ 4 160
24. 4.00 Full Time Equivalent Research Assistants.......................................... E 15 200
25. 0.50 Full Time Equivalent Library Assistants........................................... DY 2 325
26. 2.00 Summer Research Assistants................................................................. G 1 695
Nonacademic Salaries................................ ................................................................. 40 770
   Total, Salaries........................................................................................................ 240 520
Wages.......................................................................................................................... 16 200
Expense..................................................................................................................... 1 000
Convention Travel.................................................................................................... 2 500
Equipment.................................................................................................................. 2 500
   Total, Wages, Expense, and Equipment.............................................................. 22 700
Total, Institute of Labor and Industrial Relations................................................... $273 420

Research Publications Revolving

Account Number 12-60-10-370
Expense..................................................................................................................... $ 500
   Total, Research Publications Revolving.............................................................. $ 500

Revolving General

Account Number 12-60-10-372
 Expense..................................................................................................................... $ 1 500
   Total, Revolving General...................................................................................... $ 1 500

SCHOOL OF SOCIAL WORK

Account Number 00-68-10-100
1. Marietta Stevenson, Director............................................................................... AY} $ 15 200
   Professor.................................................................................................................. 9 800
2. W. Paul Simon, Assistant Director, Professor.................................................. AY} 14 000
3. Jennette R. Gruener, Professor........................................................................... A 10 000
4. Florence L. Poole, Professor.............................................................................. A 10 800
5. Donald E. Lathrope, Associate Professor...................................................... A 10 100
6. James E. McDonald, Associate Professor....................................................... A 9 200
7. Carol H. Preucil, Associate Professor............................................................. AY 8 500
   (See Chicago Professional Colleges)
8. Mary C. Reese, Associate Professor................................................................. A 8 250
9. D. Katharine Rogers, Associate Professor...................................................... A 9 200
10. William Schwartz, Associate Professor......................................................... A 9 200
11. David E. Tanenbaum, Associate Professor.................................................... E 11 500
12. 0.50 Full Time Equivalent Assistants.............................................................. G 3 500
Nonacademic Salaries............................................................................................... 21 650
   Total, Salaries........................................................................................................ 130 950
Wages, Including Lecturers...................................................................................... 5 000
Expense..................................................................................................................... 12 000
Convention Travel.................................................................................................... 600
Equipment.................................................................................................................. 1 600
   Total, Wages, Expense, and Equipment.............................................................. 19 200
Total, School of Social Work.................................................................................... $150 180

Cooperative Investigations

U.S. OFFICE OF VOCATIONAL REHABILITATION G45
Account Number 46-68-10-118
1. Margaret G. Holden, Consultant with rank of Associate Professor.................. DY $ 9 750
U.S. PUBLIC HEALTH SERVICE 2M6344
Account Number 46-68-10-166
1. Francis P. Purcell, Consultant with rank of Associate Professor $9,750

U.S. PUBLIC HEALTH SERVICE 2M6552
Account Number 46-68-10-365
1. L. Jane Wille, Consultant with rank of Associate Professor $10,000

STATE OF ILLINOIS PUBLIC AID COMMISSION — PUBLIC ASSISTANCE
Account Number 47-68-10-366
1. Dorothy Rosenstein, Instructor $6,500

DIVISION OF SPECIAL SERVICES FOR WAR VETERANS
Account Number 00-70-10-100
1. Frank A. Bridgewater, Director $11,000

Nonacademic Salaries
Total, Salaries $3,000
Wages $100
Expense $100
Equipment $100
Total, Wages, Expense, and Equipment $300
Total, Division of Special Services for War Veterans $14,390

SUMMER SESSION
General

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<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Equipment</th>
<th>Total</th>
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<td>Administration</td>
<td>$3,300</td>
<td>$5,000</td>
<td>$8,300</td>
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<tr>
<td>Instruction</td>
<td>808,160</td>
<td>7,750</td>
<td>815,910</td>
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<td>(811,460)</td>
<td>(12,750)</td>
<td>(824,210)</td>
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Extension and Public Services

| Youth Music          | 14,810   | 3,900     | 18,710 |
| Youth Speech         | 4,280    | 1,650     | 5,930  |
| Total, Extension and Public Services | (19,090) | (5,550) | (24,640) |
| Total, General       | $830,550 | $18,300   | $848,850|

Restricted

<table>
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<th>Salaries</th>
<th>Equipment</th>
<th>Total</th>
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<td>Estimated Private Gifts</td>
<td>$4,000</td>
<td>$6,000</td>
<td>$10,000</td>
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Administration

Account Number 00-72-01-100

Nonacademic Salaries $3,300
Total, Salaries (3,300)
Expense $5,000
Total, Wages, Expense, and Equipment (5,000)
Total, Administration $8,300

Instruction

Account Number 00-72-10-100

1. Academic Salaries $800,910
Total, Salaries (800,910)
Expense, Child Development $200
Expense, Civil Engineering Camp $7,250
Wages, Education $800
Expense, Education $1,600
Wages, Forestry $640
### UNIVERSITY OF ILLINOIS

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<td>Expense, Geography</td>
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<tr>
<td>Wages, Recreation</td>
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<td>Expense, Recreation</td>
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<td><strong>Total, Instruction</strong></td>
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#### Youth Music

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<td>Wages</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Youth Music</strong></td>
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#### Youth Speech

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<tr>
<td>Expense</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Youth Speech</strong></td>
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#### UNIVERSITY PRESS

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<th>Account Number 00-78-10-400</th>
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<tr>
<td>1. Miodrag Muntyan, Director</td>
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<tr>
<td>With rank of Associate Professor</td>
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<tr>
<td>2. H. E. Cunningham, Director and Professor, Emeritus</td>
</tr>
<tr>
<td>3. Donald D. Jackson, Editor with rank of Professor</td>
</tr>
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<td>4. Helen S. Sutherland, Editor with rank of Assistant Professor</td>
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<td>5. Rachel E. Anderson, Assistant Editor</td>
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<td>6. Mary Ruth Kelley, Production Editor</td>
</tr>
<tr>
<td>7. Henry Ponleithner, Jr., Sales Manager</td>
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<td>8. Herbert L. Sterrett, Art Editor</td>
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<tr>
<td><strong>Nonacademic Salaries</strong></td>
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<td><strong>Total, Salaries</strong></td>
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<tr>
<td>Wages</td>
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<tr>
<td><strong>Expense</strong></td>
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<tr>
<td>Convention Travel</td>
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<tr>
<td>Equipment</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, University Press</strong></td>
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### Print Shop

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<td>1. C. E. Herman, Superintendent</td>
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#### University Press Revolving

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<td><strong>Expense</strong></td>
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<td><strong>Total, University Press Revolving</strong></td>
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### INTERNATIONAL COOPERATION PROGRAMS

#### U.S. International Cooperation Administration C1220

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<th>Account Number 46-79-10-434</th>
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<tr>
<td>1. Ralph C. Hay, Coordinator of International Cooperation Programs</td>
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<td>(Total Salary)</td>
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<td><strong>Total, U.S. International Cooperation Administration C1220</strong></td>
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U.S. International Cooperation Administration C1258

Account Number 46-79-10-435

1. Ralph C. Hay, Coordinator of International Cooperation Programs.......................... ZAY33 $ 4,300
2. R. J. Webb, Professor and Adviser to the Farm Manager (Two years from November 1, 1959)........... ZFY $ 13,200

Total, U.S. International Cooperation Administration C1258.................................................. $ 17,500

U.S. — India North Central Region

Account Number 46-79-10-444

1. Ralph C. Hay, Coordinator of International Cooperation Programs.......................... ZAY34 $ 4,300
2. R. W. Jugenheimer, Assistant Coordinator of International Cooperation Programs (Total Salary)........... ZBY25 $ 3,375 (13,500)
3. Warren R. Schoonover, Professor of Soils (Two years from September 21, 1959)....................... FY $ 14,000
4. W. D. Buddemeier, Professor of Farm Management and Group Leader (Two years from September 1, 1959) ZAY $ 12,600
5. John W. Matthews, Associate Professor of Agricultural Engineering (One and one-half years from February 1, 1960) ZFY $ 11,000

Total, U.S. — India North Central Region.................................................. $ 45,275

LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE

General

Wages, Expense, and Instruction Salaries Equipment Total
Graduate School of Library Science............ $ 114,750 $ 6,900 $121,650

Libraries
Administration........................................... 94,280 635,325 729,605
Midwest Inter-Library Corporation................. 12,730 12,730
Acquisition Department............................... 151,425 ........................ 151,425
Catalog Department.................................. 205,530 205,530
Serials Department................................. 173,130 173,130
Circulation Department............................. 93,995 93,995
Departmental Libraries.............................. 422,050 422,050
Reference Department............................... 55,960 55,960

Total, Libraries........................................... (648,055) (1,844,125)

Total, General........................................... $1,311,120 $654,955 $1,966,075

Restricted

Wages, Expense, and Instruction Salaries Equipment Total
Library Trends Revolving......................... $4,800 $14,500 $19,300

Extension and Public Services
Graduate School of Library Science Demonstration Revolving........................................... 5,100 5,100

Libraries
Microfilm Revolving.................................. 3,060 5,500 8,600

Total, Restricted........................................... $7,860 $25,100 $32,960

Graduate School of Library Science

Account Number 00-80-05-100

1. R. B. Downs, Director............................................ ZBY1
   Professor............................................ AY
2. P. L. Windsor, Director and Professor, Emeritus.... ZRA
3. Adlore H. Lancour, Associate Director
   Professor ........................................... AY $ 14,500
4. Anne M. Boyd, Professor, Emerita
   (On leave with pay first semester 1960-61)
   Professor ........................................... R
5. Thelma Eaton, Professor ..................................... A 9,900
6. Frances B. Jenkins, Professor
   (On leave with one-half pay 1960-61)
   Professor ........................................... E 7,600
7. Donald E. Strout, Professor
   Professor ........................................... A 9,900
8. Rose B. Phelps, Professor, Emerita
   Professor ........................................... R
9. Ethel Bond, Associate Professor, Emerita
   Professor ........................................... R
10. Harold Goldstein, Associate Professor
    (On leave with one-half pay 1960-61)
    Professor ........................................... E 1,900
11. Marie M. Hostetter, Associate Professor, Emerita
    Professor ........................................... R
12. William Vernon Jackson, Associate Professor
    (On leave with one-half pay 1960-61)
    Professor ........................................... E 1,900
13. Alice Lohrer, Associate Professor
    Professor ........................................... A 8,600
14. Olive C. DeBruler, Instructor
    (Total Salary) ..................................... ZD50
    (6,800)
15. ____________________ Assistant
    (Total Salary) ..................................... DY 5,000
16. 2.00 Full Time Equivalent Assistants
    (Total Salary) ..................................... E 7,600
17. 0.50 Full Time Equivalent Research Assistants
    (Total Salary) ..................................... E 1,900
Nonacademic Salaries ............................................ 15,750
Total, Salaries ................................................... $114,750
Wages ............................................................. 500
Expense ......................................................... 5,600
Convention Travel ................................................ 600
Equipment ....................................................... 200
Total, Wages, Expense, and Equipment ................................ (6,900)
Total, Graduate School of Library Science ................................ $121,650

Library Trends Revolving
Account Number 12-80-05-146
Nonacademic Salaries ............................................. $ 4,800
Total, Library Trends Revolving ................................... $19,300

Graduate School of Library Science Demonstration Revolving
Account Number 12-80-05-418
Expense ........................................................... $ 5,100

Total, Graduate School of Library Science Demonstration Revolving ................................ $ 5,100

Library Administration
Account Number 00-80-10-500
1. R. B. Downs, Dean and Professor ................................ ZBY $ 20,500
2. P. L. Windsor, Director and Professor, Emeritus ............ ZRA
3. Arnold H. Trotier, Associate Director of Technical
   Departments ............................................ BY} 14,200
   Professor of Library Administration ....................... AY}
4. Lucien W. White, Associate Director of Public Service
   Departments ............................................. BY} 13,800
   Professor of Library Administration ....................... AY}
5. Mary Lois Bull, Personnel Librarian with rank of As-
   sociate Professor ........................................ AY 10,000
6. Robert F. Delzell, Library Administrative Assistant
   with rank of Associate Professor  ......................... AY 10,100
7. Josie B. Houchens, Assistant Librarian and Associate
   Professor, Emerita ....................................... R
Nonacademic Salaries ........................................... 25,580
Total, Salaries .................................................. (64,280)
Wages ............................................................. 127,125
Expense .......................................................... 41,000
Midwest Interlibrary Corporation ................. 12,730
Convention Travel ................................ 2,200
Nonrecurring Unassigned Equipment ............... (3,000)
Library Additions ................................ 10,000
Additions Nonrecurring .......................... 455,000

Total, Wages, Expense, and Equipment ........... (648,055)

Total, Administration ............................. $742,335

Microfilm Revolving
Account Number 12-80-10-552
Nonacademic Salaries .............................. $3,060
Expense ........................................... 5,500

Total, Microfilm Revolving ....................... $8,560

Acquisition Department
Account Number 00-80-20-500
1. Helen M. Welch, Acquisition Librarian and Associate Professor of Library Administration .......... AY $10,000
2. Alma DeJordy, Consultant in Bibliography with rank of Associate Professor ................. AY 9,300
3. Willa K. Garver, Assistant Librarian and Associate Professor, Emerita .................. R 8,000
4. Alice J. Appell, Assistant Acquisition Librarian with rank of Assistant Professor .......... BY 8,000
5. Esther M. Clausen, Documents Librarian with rank of Assistant Professor ................. BY 7,500
6. Kathleen M. Ruckman, Gift and Exchange Librarian with rank of Assistant Professor ...... BY 7,050
7. Thomas E. Parks, Bibliographer with rank of Instructor .................................................. DY 6,200
8. Ruth E. Perks, Bibliographer with rank of Instructor ....................................................... DY 5,500
9. Marilyn Satterlee, Bibliographer with rank of Instructor .................................................. DY 6,300
10. Roy N. Van Note, Bibliographer with rank of Instructor ........................................................ DY 6,200
11. James B. Watts, Bibliographer with rank of Instructor ....................................................... DY 6,100
12. C. U. Faye, Bibliographic Consultant with rank of Assistant Professor ......................... R 8,000
13. Donald J. Raven, Acquisition Assistant ............................................................ AY 5,400
14. Mary J. Cohen, Acquisition Assistant ............................................................ AY 5,300
15. Phyllis C. Green, Acquisition Assistant ............................................................ AY 5,200
16. 0.50 Full Time Equivalent Assistants ................................................................. AY 2,700
Nonacademic Salaries ................................ 54,075

Total, Acquisition Department .................... $151,425

Catalog Department
Account Number 00-80-30-500
1. Marian Harman, Catalog Librarian and Associate Professor of Library Administration .......... AY $10,000
2. Louise F. Lodge, Assistant Catalog Librarian with rank of Assistant Professor ................. BY 8,100
3. Betty M. E. Croft, Catalog Reviser with rank of Assistant Professor ............................. BY 8,000
4. C. U. Faye, Bibliographic Consultant with rank of Assistant Professor, Emeritus .............. R 8,000
5. Edith C. Jones, Cataloger with rank of Assistant Professor ................................................ ZBY50 3,775
    (Total Salary) .................................... (7,550)
6. Clarissa O. Lewis, Cataloger with rank of Assistant Professor ......................................... BY 7,550
7. Cleo Lichtenberger, Catalog Reviser with rank of Assistant Professor, Emeritus .............. R 8,000
8. Edith M. Marshall, Catalog Reviser with rank of Assistant Professor ............ BY 7,550
9. Ann M. Potter, Catalog Reviser with rank of Assistant Professor ............ BY 8,000
10. Katherine M. Wheeler, Catalog Reviser with rank of Assistant Professor, Emerita ............ R ............
11. Dorothy B. Clark, Cataloger with rank of Instructor .................. DY 6,100
12. Howard L. Dunlap, Cataloger with rank of Instructor .................. DY 5,500
13. Eugene T. Froasio, Cataloger with rank of Instructor .................. DY 6,500
14. Edythe J. Kirk, Cataloger with rank of Instructor .................. DY 6,600
15. Lelia S. McLaughlin, Cataloger with rank of Instructor, Emerita ....... R ............
16. Laurence H. Miller, Cataloger with rank of Instructor .................. DY 5,500
17. Jean S. Sauer, Cataloger with rank of Instructor .................. DY 5,500
18. Herbert Lyman Searcy, Cataloger with rank of Instructor .................. DY 6,600
19. Florence M. Sheehan, Cataloger with rank of Instructor .................. DY 5,800
20. Dmytro M. Shtohryn, Cataloger with rank of Instructor .................. DY 6,500
21. Allan M. Wilson, Cataloger with rank of Instructor .................. DY 6,200
22. Catalog Assistant .................. DY 5,200
23. Walter D. Morrill, Catalog Assistant .................. DY 5,200
24. 2.00 Full Time Equivalent Assistants .................. DY 9,700
Nonacademic Salaries .................. 71,655
Total, Catalog Department .................. $205,530

Circulation Department
Account Number 00-80-40-500
1. Robert W. Oram, Circulation Librarian and Associate Professor of Library Administration .................. AY $10,050
2. Margaret Jean Lokke, Assistant Circulation Librarian with rank of Assistant Professor .................. BY 8,050
3. Helen T. Stewart, Assistant Circulation Librarian with rank of Assistant Professor, Emeritus .................. R ............
4. Emma R. Jutton, Circulation Librarian and Associate, Emerita .................. R ............
5. Robert W. Kidder, Circulation Assistant with rank of Instructor .................. DY 6,000
6. Cecelia McCarthy, Extension Loans Librarian with rank of Instructor .................. DY 6,150
7. Dwight O. Tuckwood, Bookstacks Librarian with rank of Instructor .................. DY 7,250
8. Betty R. Wilson, Extramural Loans Librarian with rank of Assistant .................. DY 5,300
9. 3.00 Full Time Equivalent Assistants .................. DY 14,550
Nonacademic Salaries .................. 36,645
Total, Circulation Department .................. $93,995

Departmental Libraries
Account Number 00-80-50-500
1. Bernita J. Davies, Law Librarian and Professor of Library Administration .................. AY $11,000
2. Lyle E. Bamber, Natural History Librarian and Associate Professor of Library Administration .................. AY 10,050
3. D. A. Brown, Agriculture Librarian and Associate Professor of Library Administration .................. AY 10,050
4. Ruth T. Power, Chemistry Librarian and Associate Professor of Library Administration .................. AY 10,050
5. Cerilla E. Saylor, Architecture Librarian and Associate Professor of Library Administration .................. AY 10,050
6. Joseph Allen, Human Relations Librarian with rank of Assistant Professor .................. BY 7,350
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<th>Name</th>
<th>Salary</th>
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<tbody>
<tr>
<td>7.</td>
<td>Hilda J. Alseth, English Librarian and Assistant Professor, <em>Emerita</em></td>
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<tr>
<td>8.</td>
<td>Eva Faye Benton, English Language and Literature Librarian with rank of Assistant Professor</td>
<td>BY 8,050</td>
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<td>9.</td>
<td>Eleanor Blum, Journalism Librarian with rank of Assistant Professor</td>
<td>BY 7,350</td>
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<tr>
<td>10.</td>
<td>Pauline A. Carleton, Assistant Law Librarian with rank of Assistant Professor</td>
<td>BY 7,350</td>
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<td>11.</td>
<td>Leonard Coburn, English Librarian and Assistant Professor of Library Administration</td>
<td>BY 8,400</td>
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<td>12.</td>
<td>Gilbert E. Donahue, Labor and Industrial Relations Librarian with rank of Assistant Professor</td>
<td>ZBY 3,875</td>
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<tr>
<td>13.</td>
<td>Marian T. Estep, Veterinary Medicine Librarian with rank of Assistant Professor</td>
<td>BY 8,050</td>
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<td>14.</td>
<td>Isabelle F. Grant, Rare Book Room Librarian with rank of Assistant Professor</td>
<td>BY 8,050</td>
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<td>15.</td>
<td>Florence M. Harding, German and Romance Languages Librarian with rank of Assistant Professor</td>
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<td>16.</td>
<td>Icko Iben, Newspaper Librarian and Archivist with rank of Assistant Professor</td>
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<td>17.</td>
<td>Edith C. Jones, Classics Librarian with rank of Assistant Professor</td>
<td>ZBY 3,775</td>
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<td>18.</td>
<td>Mary Jane MacDonald, Commerce Librarian with rank of Assistant Professor</td>
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<td>19.</td>
<td>Helen M. Reynolds, Assistant Architecture Librarian with rank of Assistant Professor</td>
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<td>20.</td>
<td>Nelle M. Signor, History and Political Science Librarian and Assistant Professor, <em>Emerita</em></td>
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<td>21.</td>
<td>Mary A. Vance, City Planning and Landscape Architecture Librarian with rank of Assistant Professor</td>
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<td>22.</td>
<td>Robert C. White, Map and Geography Librarian with rank of Assistant Professor</td>
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<td>Jo Ann Wiles, Library School Librarian and Assistant Professor of Library Administration</td>
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<td>24.</td>
<td>Music Librarian and Assistant Professor of Library Administration</td>
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<td>25.</td>
<td>Winifred M. Alleman, Agriculture Library Assistant with rank of Instructor</td>
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<td>26.</td>
<td>Avis A. Ball, Home Economics Librarian with rank of Instructor</td>
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<td>27.</td>
<td>Barbara E. Davis, Music Library Assistant with rank of Instructor</td>
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<td>28.</td>
<td>Dorothy A. Foulk, Law Library Assistant with rank of Instructor</td>
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<td>29.</td>
<td>Hallet Gildersleeve, Undergraduate Librarian with rank of Instructor</td>
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<td>Sylvia C. Gilmore, Browsing Room Librarian with rank of Instructor</td>
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<td>Pearce S. Grove, Education, Philosophy, and Psychology Library Assistant with rank of Instructor</td>
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<td>32.</td>
<td>Edward G. Holley, Education, Philosophy, and Psychology Librarian with rank of Instructor</td>
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<td>Audrey Iversen, Geology Librarian with rank of Instructor</td>
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<td>Martha Landis, Illini Union Browsing Room Librarian with rank of Instructor</td>
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<td>35.</td>
<td>Fleming Montgomery, Natural History Library Assistant with rank of Instructor</td>
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<td>36.</td>
<td>Theo Nelson, Physical Education Librarian with rank of Instructor</td>
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UNIVERSITY OF ILLINOIS

37. Furuzan Olsen, Commerce and Sociology Library Assistant with rank of Instructor........... DY 6 100
38. Fina C. Ott, Commerce and Sociology Librarian with rank of Instructor, Emerita.................. R 600
39. Richard G. Smith, Undergraduate Library Assistant with rank of Instructor.......................... DY 6 400
40. Eunice Toussaint, History and Political Science Librarian with rank of Instructor............ DY 6 900
41. Richard D. Walker, Physics Librarian with rank of Instructor........................................... DY 7 150
42. E. S. Warrick, Mathematics Librarian with rank of Instructor........................................... DY 5 850
43. Rare Book Room Assistant with rank of Instructor................................................................. DY 5 700
44. Law Library Assistant with rank of Instructor................................................................. DY 6 100
45. University High School Librarian and Instructor in Library Administration............................... ZDY 7 000
46. Nancy L. Heater, English Library Assistant................................................................. DY 5 250
47. Barbara A. Olsen, Library Assistant....................................................................................... DY 5 250
48. Undergraduate Library Assistant......................................................................................... DY 5 200
49. Chemistry Library Assistant............................................................................................... DY 5 200
50. Architecture Library Assistant......................................................................................... DY 5 200
51. 1.00 Full Time Equivalent Assistants......................................................................................... DY 4 800
Nonacademic Salaries .................................................................................................................. 88 350

Total, Departmental Libraries.................................................................................................... $422 050

Reference Department
Account Number 00-80-60-500
1. T. F. Ratcliffe, Jr., Reference Librarian and Associate Professor of Library Administration........... AY $ 10 050
2. Dorothy M. Black, Associate Reference Librarian with rank of Assistant Professor....................... BY 8 450
3. Fanny Dunlap, Reference Librarian and Assistant Professor, Emerita............................................. R 600
4. Alice S. Johnson, Reference Librarian and Assistant Professor, Emerita......................................... R 600
5. Sabron L. Reynolds, Assistant Reference Librarian with rank of Instructor................................... DY 6 450
6. Francis Rodgers, Assistant Reference Librarian with rank of Instructor...................................... DY 6 100
7. Joyce C. Werner, Assistant Reference Librarian with rank of Instructor...................................... DY 6 450
8. Elizabeth B. Hulsey, Reference Assistant Librarian........................................................................... DY 5 250
9. Janet P. Waitz, Reference Assistant Librarian.................................................................................... DY 5 200
10. 0.50 Full Time Equivalent Assistants......................................................................................... DY 2 400
Nonacademic Salaries.................................................................................................................. 5 610

Total, Reference Department...................................................................................................... $ 55 960

Serials Department
Account Number 00-80-35-500
1. William H. Huff, Serials Librarian and Associate Professor of Library Administration................. AY $ 9 600
2. Rebecca Briggs, Assistant Serials Librarian with rank of Assistant Professor................................... BY 8 000
3. Esther W. Anell, Bibliographer and Serials Consultant with rank of Assistant Professor.................... BY 7 550
4. Warren Albert, Binding Librarian with rank of Instructor.................................................................. DY 6 800
5. Charlotte S. Ayers, Serials Cataloger with rank of Instructor.......................................................... DY 6 000
6. Ruth A. Bedford, Serials Reviser with rank of Instructor................................................................... DY 6 400
7. Norman B. Brown, Serials Reviser with rank of Instructor.......................... DY 6,800
8. Sally T. Burg, Serials Reviser with rank of Instructor DY 6,500
9. Lily C. Gara, Bibliographer with rank of Instructor............................... DY 6,000
10. Betty J. Halstead, Series Cataloger with rank of Instructor......................... DY 6,300
11. Wilma R. Lasslo, Serials Cataloger with rank of Instructor.......................... DY 5,500
12. F. E. Mansfield, Jr., Serials Cataloger with rank of Instructor..................... DY 6,100
13. Irene L. Phillippe, Bibliographer with rank of Instructor........................... DY 6,000
14. Virginia Rubinstein, Serials Cataloger with rank of Instructor...................... DY 5,500
15. May Smith, Serials Cataloger with rank of Instructor, Emerita........................ R
16. - Bibliographer with rank of Instructor..................................................... DY 6,000
17. Philip W. Lindell, Binding Assistant.......................................................... DY 5,400
18. - Assistant........................................................................................................... DY 5,200
19. 1.00 Full Time Equivalent Assistants............................................................. DY 4,800
Nonacademic Salaries ......................................................................................... 58,680

Total, Serials Department.................................................................................. $173,130

PHYSICAL PLANT

General

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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<td>Physical Plant</td>
<td>$192,620</td>
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<tr>
<td>Building Operation</td>
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<td>Renewal and Replacement</td>
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<td>Transportation</td>
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<td>Renewal and Replacement</td>
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<td>Water Station</td>
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<td>President’s House</td>
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<td>Replacements</td>
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<td>Prevailing Wage Rate Unassigned</td>
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Total, General........................................................................................................ $374,459 $4,956,687 $5,331,137

Restricted

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<td>Auxiliary Enterprises</td>
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<td>Cooperative Houses Operations</td>
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<td>Arbor Suites</td>
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### Wages, Expense, and Equipment

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<td>Trust, Gregory Drive Halls Operation</td>
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<td>Trust, Allen Hall</td>
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<td>646,962</td>
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<td>Trust, Lincoln Avenue Residence</td>
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<td>Trust, Men's Halls</td>
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<td>Trust, Taft and Van Doren Halls Operation</td>
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<td>164,392</td>
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<td>Trust, Green Street Apartments Operation</td>
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<td><strong>Total, Auxiliary Enterprises</strong></td>
<td>(483,723)</td>
<td>(7,289,371)</td>
<td>(7,773,094)</td>
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### Administration

**Account Number**: 00-82-01-600

1. C. S. Havens, Director, BY $20,500
2. John Doak, Superintendent of Buildings and Grounds, BY $10,500
3. Ernest L. Stouffer, Architect, BY $15,500
4. R. S. Chamberlin, Director of Division of Campus Development, DY $13,700
5. James V. Edsall, Planning Coordinator with rank of Assistant Professor, BY $10,600
6. Donald C. Neville, Research Specialist with rank of Assistant Professor, BY $8,200

**Nonacademic Salaries**

- **Total, Salaries**: (107,620)

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**Total, Wages, Expense, and Equipment**: ($245,470)

**Total, Administration**: $245,470

### Building Operation

**Account Number**: 00-82-05-600

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**Total, Wages, Expense, and Equipment**: ($1,197,700)

**Total, Building Operation**: $1,222,630

### Indirect Costs — 906 South Sixth Street

**Account Number**: 40-82-05-640

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**Total, Indirect Costs — 906 South Sixth Street**: $8,650
Fire Prevention and Safety

Account Number 00-82-10-600
Nonacademic Salaries ........................................ $ 8,400
Total, Salaries .............................................. 8,400
Wages ............................................................. 179,300
Expense .......................................................... 14,050
Renewals and Replacements .................................. 1,400
Total, Wages, Expense, and Equipment .................. (164,750)
Total, Fire Prevention and Safety ......................... $203,150

Police and Watchmen

Account Number 00-82-15-600
Nonacademic Salaries ........................................ $ 13,265
Total, Salaries .............................................. 13,265
Wages ............................................................. 172,000
Expense .......................................................... 16,000
Renewals and Replacements .................................. 5,000
Total, Wages, Expense, and Equipment .................. (193,060)
Total, Police and Watchmen ................................ $206,265

Building Maintenance

Account Number 00-82-20-600
Nonacademic Salaries ........................................ $ 43,680
Total, Salaries .............................................. 43,680
Wages ............................................................. 528,900
Expense .......................................................... 121,500
Renewals and Replacements .................................. 174,657
Total, Wages, Expense, and Equipment .................. (825,057)
Total, Building Maintenance ................................ $868,737

General Maintenance

Account Number 00-82-25-600
Nonacademic Salaries ........................................ $ 17,790
Total, Salaries .............................................. 17,790
Wages ............................................................. 370,650
Expense .......................................................... 50,000
Renewals and Replacements .................................. 6,500
Total, Wages, Expense, and Equipment .................. (427,150)
Total, General Maintenance ................................ $444,940

Grounds

Account Number 00-82-30-600
Nonacademic Salaries ........................................ $ 4,400
Total, Salaries .............................................. 4,400
Wages ............................................................. 182,800
Expense .......................................................... 32,000
Renewals and Replacements .................................. 20,000
Total, Wages, Expense, and Equipment .................. (234,800)
Total, Grounds ................................................ $239,290

Transportation

Account Number 00-82-35-600
Nonacademic Salaries ........................................ $ 4,400
Total, Salaries .............................................. 4,400
Wages ............................................................. 75,800
Expense .......................................................... 47,000
Renewals and Replacements .................................. 8,759
Total, Wages, Expense, and Equipment .................. (131,559)
Total, Transportation .......................................... $136,040
Heat, Light, and Power

Account Number 00-82-40-600
Nonacademic Salaries .................................................. $46,920
Total, Salaries .......................................................... $46,920
Wages ................................................................. 522,850
Expense ................................................................. 389,025
Expense, Nonrecurring ................................................ 35,000
Renewals and Replacements .......................................... 8,700
Total, Wages, Expense, and Equipment ................................ (920,575)
Total, Heat, Light, and Power ....................................... $967,495

Water Station

Account Number 00-82-45-600
Nonacademic Salaries .................................................. $7,020
Total, Salaries .......................................................... $7,020
Wages ................................................................. 33,550
Expense ................................................................. 63,100
Total, Wages, Expense, and Equipment ................................ (96,650)
Total, Water Station .................................................. $163,670

Illini Union Building

Account Number 00-82-60-600
Rental for University Functions ...................................... $5,000
Rental for Space ....................................................... 10,120
Fee Exemptions .......................................................... 15,000
University Club Operation ............................................... 10,000
Total, Illini Union Building ......................................... $40,120

President's House

Account Number 00-82-62-600
Expense ................................................................. $9,980
Renewals and Replacements .......................................... 3,500
Total, President's House ............................................. $13,480

Prevailing Wage Rate Unassigned

Account Number 00-82-63-600
Wages ................................................................. $335,000
Total, Prevailing Wage Rate Unassigned ......................... $335,000

Assembly Hall Utilities

Account Number 00-82-64-600
Expense ................................................................. $262,000
Total, Assembly Hall Utilities ...................................... $262,000

Operation of New Areas

Account Number 00-82-65-600
Expense ................................................................. $24,000
Total, Operation of New Areas ...................................... $24,000

Reservations and Information

Account Number 00-82-66-600
Nonacademic Salaries .................................................. $10,845
Total, Salaries .......................................................... (10,845)
Wages ................................................................. 1,315
Expense ................................................................. 690
Total, Wages, Expense, and Equipment ............................ (2,005)
Total, Reservations and Information ................................ $12,850

Telephone—Chicago Lines

Account Number 00-82-69-600
Expense ................................................................. $6,000
Total, Telephone—Chicago Lines .................................... $6,000
## Architectural Studies for Future Buildings

Account Number 06-82-70-905

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Professor of Traffic Engineering</td>
<td>John E. Baerwald</td>
<td>$1,880</td>
</tr>
<tr>
<td>2. Research Associate in Civil Engineering</td>
<td>George W. Greenwood</td>
<td>$3,300</td>
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Total, Architectural Studies for Future Buildings...

## Auxiliary Enterprises

### Residence Halls Administration

Account Number 18-82-80-700

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Director of Auxiliary Services</td>
<td>V. L. Kretschmer</td>
<td>$8,500</td>
</tr>
<tr>
<td>Director of Housing</td>
<td>Paul J. Doebel Jr.</td>
<td>$12,500</td>
</tr>
<tr>
<td>Assistant Director of Housing for Counseling and Residence Operations</td>
<td>Stanley W. Rahn</td>
<td>$10,100</td>
</tr>
<tr>
<td>Supervisor of Counseling and Operations in Men's Residence Halls</td>
<td>Calvin S. Sifferd</td>
<td>$4,300</td>
</tr>
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Total, Salaries .................................... $5,180

### Nonacademic Salaries

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Wages</td>
<td>$1,437,720</td>
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<tr>
<td>Expense</td>
<td>$14,193</td>
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<td>Equipment</td>
<td>$1,290</td>
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Total, Wages, Expense, and Equipment ............ $1,476,793

Total, Residence Halls Administration ........... $5,467,733

### Cooperative Houses Operations

Account Number 18-82-80-712

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>House Director of Gamma House</td>
<td>Mary E. Garrard</td>
<td>$1,350</td>
</tr>
<tr>
<td>House Director of Beta House</td>
<td>Ruth C. Anderson</td>
<td>$1,350</td>
</tr>
<tr>
<td>House Director of Alpha House</td>
<td>Mae Real</td>
<td>$1,350</td>
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<tr>
<td>House Director of 903 West Nevada Street</td>
<td></td>
<td>$2,000</td>
</tr>
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Total, Salaries .................................... $6,090

Total, Cooperative Houses                      $43,130

### Arbor Suites Operation

Account Number 18-82-80-731

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coordinator, Arbor Village</td>
<td>Fern H. Telling</td>
<td>$4,000</td>
</tr>
<tr>
<td>Resident Assistant, Arbor Village</td>
<td></td>
<td>$1,600</td>
</tr>
</tbody>
</table>
3. __________, Resident Assistant, Arbor Village G 1 800
   (Perquisites University — room and board)
   (Ten months from September 1, 1960)
4. __________, Resident Assistant, Arbor Village G 1 600
   (Perquisites University — room and board)
   (Ten months from September 1, 1960)
5. __________, Resident Assistant, Arbor Village G 1 800
   (Perquisites University — room and board)
   (Ten months from September 1, 1960)
6. 0.75 Full Time Equivalent Assistants G 1 800
   Total, Salaries (12 600)
   Wages ................................................... 5 700
   Expense .................................................. 110 385
   Total, Wages, Expense, and Equipment (116 145)
   Total, Arbor Suites Operation $128 745

Parade Grounds Operation
Account Number 18-82-80-740
Wages ....................................................... $ 645
Expense ..................................................... 1 800
Total, Parade Grounds Operation $ 2 535

Temporary Family Housing
Account Number 18-82-80-748
Nonacademic Salaries ........................................ $ 45 380
   Total, Salaries (45 380)
   Wages ....................................................... 1 114
   Expense ..................................................... 219 045
   Total, Wages, Expense, and Equipment (220 159)
   Total, Temporary Family Housing $265 539

Trust — Graduate Residence Halls Operation
Account Number 48-82-80-730
Nonacademic Salaries ........................................ $ 3 600
   Total, Salaries (3 600)
   Wages ....................................................... 9 743
   Expense ..................................................... 42 850
   Debt Service .............................................. 65 943
   Total, Wages, Expense, and Equipment (118 545)
   Total, Trust — Graduate Residence Halls Operation $122 145

Trust — Gregory Drive Halls Operation
Account Number 48-82-80-733
1. James E. Crawford, Assistant Manager and Head Resident, Men's Residence Halls
   (Perquisites University — room and board) YY $ 4 400
   Nonacademic Salaries ........................................ 27 600
   Total, Salaries (32 090)
   Wages ....................................................... 355 142
   Expense ..................................................... 866 840
   Debt Service .............................................. 390 623
   Total, Wages, Expense, and Equipment (1 612 605)
   Total, Trust — Gregory Drive Halls Operation $1 644 695

Trust — Busey-Evans Halls Operation
Account Number 48-82-80-735
1. Eleanor E. Grinnell, Head Resident, Evans Hall G $ 4 200
   (Perquisites University — room and board)
   (Ten months from September 1, 1960)
2. Catherine N. Wells, Head Resident, Busey Hall G 4 200
   (Perquisites University — room and board)
   (Ten months from September 1, 1960)
### Board of Trustees

#### June 14

<table>
<thead>
<tr>
<th>Description</th>
<th>Recap</th>
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<tr>
<td>3. 1.50 Full Time Equivalent Assistants.</td>
<td>G 6 780</td>
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<tr>
<td>Nonacademic Salaries</td>
<td>G 18 540</td>
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<td><strong>Total, Salaries</strong></td>
<td>G (33 720)</td>
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<tr>
<td>Wages</td>
<td>G 95 220</td>
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<tr>
<td>Expense</td>
<td>G 175 665</td>
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<tr>
<td>Debt Service</td>
<td>G 27 090</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>G (207 915)</td>
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<tr>
<td><strong>Total, Trust — Busey-Evans Halls</strong></td>
<td>G $331 635</td>
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</table>

#### Trust — Allen Hall Operation

Account Number 48-82-80-736

<table>
<thead>
<tr>
<th>Description</th>
<th>Recap</th>
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</thead>
<tbody>
<tr>
<td>1. Alice W. Cotter, Head Resident.</td>
<td>G $ 4 800</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>2. Jean F. Hill, Head Resident.</td>
<td>G 4 800</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>3. Edith M. Atchinson, Resident Assistant.</td>
<td>G 1 600</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>4. Germaine E. Feldkamp, Resident Assistant.</td>
<td>G 1 600</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>5. Margaret J. Friermood, Resident Assistant.</td>
<td>G 1 600</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>6. Lucy May S. McIntyre, Resident Assistant.</td>
<td>G 1 600</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
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<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>7. 2.75 Full Time Equivalent Assistants.</td>
<td>G 11 430</td>
</tr>
<tr>
<td>Nonacademic Salaries</td>
<td>G 4 590</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td>G (32 020)</td>
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<tr>
<td>Wages</td>
<td>G 131 910</td>
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<td>Expense</td>
<td>G 348 693</td>
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<tr>
<td>Debt Service</td>
<td>G 166 359</td>
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<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>G (640 962)</td>
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<tr>
<td><strong>Total, Trust — Allen Hall Operation</strong></td>
<td>G $678 682</td>
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#### Trust — Lincoln Avenue Residence Operation

Account Number 48-82-80-737

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1. Margaret M. Bevan, Head Resident.</td>
<td>G $ 4 700</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
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<tr>
<td>2. Barbara N. Connell, Head Resident.</td>
<td>G 4 800</td>
</tr>
<tr>
<td>(Perquisites University — room and board)</td>
<td></td>
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<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
</tr>
<tr>
<td>3. Assistant Head Resident.</td>
<td>G 4 200</td>
</tr>
<tr>
<td>(Perquisites University — board)</td>
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<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
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<tr>
<td>4. Assistant Head Resident.</td>
<td>G 4 200</td>
</tr>
<tr>
<td>(Perquisites University — board)</td>
<td></td>
</tr>
<tr>
<td>(Ten months from September 1, 1960)</td>
<td></td>
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<tr>
<td>5. 1.00 Full Time Equivalent Assistants.</td>
<td>G 4 520</td>
</tr>
<tr>
<td>Nonacademic Salaries</td>
<td>G 27 068</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td>G (49 488)</td>
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<tr>
<td>Wages</td>
<td>G 119 375</td>
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<tr>
<td>Expense</td>
<td>G 301 940</td>
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<tr>
<td>Debt Service</td>
<td>G 41 513</td>
</tr>
<tr>
<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>G (452 834)</td>
</tr>
<tr>
<td><strong>Total, Trust — Lincoln Avenue Residence Operation</strong></td>
<td>G $512 322</td>
</tr>
</tbody>
</table>
Trust — Men’s Residence Halls Operation
Account Number 48-82-80-739
1. Louis D. Liay, Assistant Manager and Head Resident FY
   (Perquisites University — room and board) $4,400
   Nonacademic Salaries ........................................ 19,020
   Total, Salaries .................................................. (23,420)
   Wages .............................................................. 259,263
   Expense ........................................................... 611,532
   Debt Service ...................................................... 77,779
   Total, Wages, Expense, and Equipment .................. (948,574)
   Total, Trust — Men’s Residence Halls Operation .... $977,994

Trust — Peabody Drive Residence Halls Operation
Account Number 48-82-80-765
1. , Assistant Manager and Head Resident FY $3,600
   (Perquisites University — room and board)
   Nonacademic Salaries ........................................ 2,400
   Total, Salaries .................................................. (6,000)
   Wages .............................................................. 104,517
   Expense ........................................................... 159,042
   Debt Service ...................................................... 118,272
   Total, Wages, Expense, and Equipment .................. (381,831)
   Total, Peabody Drive Residence Halls Operation .... $387,831

Trust — Snack Bar and Service Building Operation
Account Number 48-82-80-777
Nonacademic Salaries ........................................ 7,700
   Total, Salaries .................................................. (7,700)
   Wages .............................................................. 69,120
   Expense ........................................................... 47,528
   Debt Service ...................................................... 32,096
   Total, Wages, Expense, and Equipment ................ (148,744)
   Total, Trust — Snack Bar and Service Building Op- $156,444
   eration

Trust — Taft and Van Doren Houses Operation
Account Number 48-82-80-782
1. Head Resident, Taft House ......................... 4,200
   (Perquisites University — room and board)
   (Ten months from September 1, 1960)
2. Susan A. Hughes, Head Resident, Van Doren House .. 4,200
   (Perquisites University — room and board)
   (Ten months from September 1, 1960)
3. Full Time Equivalent Assistants .................. 9,040
   Total, Salaries .................................................. (17,440)
   Wages .............................................................. 23,977
   Expense ........................................................... 66,203
   Debt Service ...................................................... 74,212
   Total, Wages, Expense, and Equipment ................ (164,392)
   Total, Trust — Taft and Van Doren Houses Operation $181,832

Trust — Goodwin Avenue Apartments Operation
Account Number 48-82-85-752
Wages .............................................................. 8,040
   Expense ........................................................... 41,045
   Debt Service ...................................................... 57,390
   Total, Trust — Goodwin Avenue Apartments Opera- $166,484
   tion

Trust — Green Street Apartments Operation
Account Number 48-82-85-753
Wages .............................................................. 7,945
Expense ...................................... 34,473
Debt Service .................................. 44,923
Total, Trust — Green Street Apartments Operation... $ 87,396

National Homes Staff Housing
Account Number 18-82-85-754
Expense ...................................... $ 39,717
Total, National Homes Staff Housing ............. $ 39,717

Permanent Staff Housing
Account Number 18-82-85-755
Wages .............................................. $ 22,101
Total, Permanent Staff Housing ............... $ 22,359

Trust — Orchard Place Apartments Operation
Account Number 48-82-85-755
Wages .............................................. $ 840
Expense ........................................... 44,714
Debt Service .................................... 77,054
Total, Trust — Orchard Place Apartments Operation $122,608

Trust — Race Street and Florida Avenue Housing Operation
Account Number 48-82-85-758
Expense ........................................... $ 36,088
Debt Service .................................... 11,640
Total, Trust — Race Street and Florida Avenue Housing Operation $ 47,728

Illini Union — General Building
Account Number 18-82-90-710
1. Earl F. Finder, Director of Illini Union .......... DY $ 12,000
   (Perquisites University — one meal)
2. Irene D. Pierson, Social Director of Illini Union .. DY 9,200
   (Perquisites Employee — one meal)                (81)
Nonacademic Salaries ................................ 86,585
Total, Salaries .................................. (107,785)
Wages .............................................. 169,910
Expense ........................................... 224,794
Total, Wages, Expense, and Equipment ......... (394,704)
Total, Illini Union — General Building ........ $502,489

Illini Union — Food Service
Account Number 18-82-90-720
Nonacademic Salaries ................................ $ 80,410
Total, Salaries .................................. (80,410)
Wages .............................................. 277,022
Expense ........................................... 443,340
Total, Wages, Expense, and Equipment ......... (720,362)
Total, Illini Union — Food Service .......... $800,772

Illini Union — Billiards
Account Number 18-82-90-730
Nonacademic Salaries ................................ $ 1,500
Total, Salaries .................................. (1,500)
Wages .............................................. 6,688
Expense ........................................... 2,363
Total, Wages, Expense, and Equipment ......... (9,651)
Total, Illini Union — Billiards ............... $ 10,551
Illini Union — Bowling Alleys
Account Number 18-82-90-740
Nonacademic Salaries .................................. $ 4,500
Total, Salaries ........................................... (4,500)
Wages .................................................. 9,085
Expense .................................................... 16,853
Total, Wages, Expense, and Equipment ............... (25,938)
Total, Illini Union — Bowling Alleys .................. $ 30,438

Illini Union — Bookstore
Account Number 18-82-90-770
Nonacademic Salaries .................................. $ 20,020
Total, Salaries ........................................... (20,020)
Wages .................................................. 40,500
Expense .................................................... 523,252
Total, Wages, Expense, and Equipment ............... (563,752)
Total, Illini Union — Bookstore ....................... $ 583,772

STUDENT AID
Restricted

<table>
<thead>
<tr>
<th>Estimated Indirect Costs</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tr>
<td>Estimated Endowment Income</td>
<td>$ 80,000</td>
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<tr>
<td>Estimated Private Gifts</td>
<td>$ 50,000</td>
<td>$ 15,063</td>
<td>$ 15,063</td>
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<td>Estimated U.S. Contracts</td>
<td>$ 375,000</td>
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<td>Total, Restricted</td>
<td>$ 1,070,000</td>
<td>$ 1,070,000</td>
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CHICAGO PROFESSIONAL COLLEGES

APPROPRIATIONS

General

<table>
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<tr>
<th>Administration and General</th>
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<th>$ 128,800</th>
<th>$ 826,687</th>
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<tbody>
<tr>
<td>Instruction</td>
<td>$ 697,887</td>
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<tr>
<td>Medicine</td>
<td>$ 3,293,211</td>
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<td>Dentistry</td>
<td>$ 844,132</td>
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<td>Pharmacy</td>
<td>$ 484,950</td>
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<td>Graduate College</td>
<td>$ 7,830</td>
<td>$ 1,000</td>
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<td>College of Nursing</td>
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<td>Physical Education</td>
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<td>$ 2,893,530</td>
<td>$ 6,116,396</td>
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<tr>
<td>Research and Educational Hospitals</td>
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<td>$ 2,893,530</td>
<td>$ 6,116,396</td>
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<td>Organized Research</td>
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<td>Graduate College</td>
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<td>Aeromedical Laboratory</td>
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<td>Total, Organized Research</td>
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<td>Extension and Public Services</td>
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<td>Broadcasting</td>
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<td>Crippled Children</td>
<td>$ 82,480</td>
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<td>$ 138,080</td>
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<tr>
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<td>Student Aid</td>
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<td>Graduate College</td>
<td>$ 20,000</td>
<td>$ 20,000</td>
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<td>Total, General</td>
<td>$ 59,507,211</td>
<td>$ 7,694,300</td>
<td>$ 67,198,501</td>
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<td>Restricted</td>
<td>Wages, Expense, and Equipment</td>
<td>Total</td>
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<tr>
<td>Medicine</td>
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<td>257,320</td>
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<tr>
<td>Dentistry</td>
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<td>20,000</td>
<td>50,000</td>
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<td>Total, Instruction</td>
<td>(215,320)</td>
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<td>Organized Activities Relating to Instruction</td>
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<tr>
<td>Research and Educational Hospitals</td>
<td>105,366</td>
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**ADMINISTRATION AND GENERAL**

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<tr>
<th>General</th>
<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Administration and General</td>
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<tr>
<td>Vice-President's Office</td>
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<td>$5,800</td>
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<tr>
<td>Health Service</td>
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<td>5,400</td>
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<tr>
<td>Animal Hospital</td>
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<tr>
<td>Illustration Studios</td>
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<tr>
<td>Business Office</td>
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<tr>
<th>Restricted</th>
<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Administration and General</td>
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<td>Estimated Endowment Income</td>
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<td>Estimated Private Gifts</td>
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<tr>
<td>Total, Restricted</td>
<td>$29,565</td>
<td>$21,940</td>
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**Vice-President's Office**

Account Number 05-06-10
1. Vice-President in Charge of the Chicago Professional Colleges BY $24,500
2. Nonacademic Salaries $12,900
3. Total, Salaries (37,400)
4. Wages Expense $900
5. Wages Expense $4,200
Convention Travel .................................................. 400
Equipment ............................................................ 300
Total, Wages, Expense, and Equipment.......................... (5800)
Total, Vice-President's Office ..................................... $ 43,200

Health Service
Account Number 05-06-15
1. Marvin J. Colbert, Director .................................. ZBY $ 15,250
2. Joseph H. Filip, Associate Director ......................... DY95 11,500
3. Juta Kolk, Physician ........................................... ZBY50 6,500
4. Clifton C. Rhead, Psychiatric Consultant .................. ZBY20 3,100
5. __________________________, Physician .............. DY50 6,500
6. Isidor Hochberg, Physician .................................. DY20 2,200
7. Eduard Huesing, Physician .................................. DY30 3,000
8. Alice B. Racher, Physician .................................. DY20 2,300
9. Ernest C. Tiritilli, Physician ................................. DY60 6,600
10. __________________________, Physician ............. DY35 4,500
Nonacademic Salaries ........................................... 21,000
Total, Salaries .................................................. (82,510)
Wages ................................................................. 1,700
Expense .................................................................. 3,200
Equipment ............................................................. 500
Total, Wages, Expense, and Equipment ......................... (5,400)
Total, Health Service .................................................. $ 87,910

Animal Hospital
Account Number 05-06-17
1. William C. Dolowy, Administrator ....................... ZDY $ 13,000
Nonacademic Salaries ........................................... 27,362
Total, Salaries .................................................. (40,362)
Wages ................................................................. 2,200
Expense .................................................................. 200
Equipment ............................................................. 200
Total, Wages, Expense, and Equipment ......................... (2,600)
Total, Animal Hospital .................................................. $ 42,962

Illustration Studios
Account Number 05-06-39
1. A. Hooker Goodwin, Professor of Medical and Dental Illustration and Head of Department .......... AY $ 13,750
2. T. S. Jones, Professor, Emeritus ............................. R ....
3. Emil W. Hospodar, Assistant Professor of Medical and Dental Illustration ....................... BY 9,800
4. Ramona Morgan, Instructor in Medical and Dental Illustration ................................... ZDY90 5,250
   (Total Salary) ................................................... (5,250)
Nonacademic Salaries ........................................... 36,370
Total, Salaries .................................................. (65,180)
Wages ................................................................. 3,995
Expense .................................................................. 2,820
Total, Wages, Expense, and Equipment ......................... (5,800)
Total, Illustration Studios .................................................. $ 71,080

Trust — ANONYMOUS — VISUAL EDUCATION
Account Number 50-22-05
1. Ramona Morgan, Instructor in Medical and Dental Illustration ................................. ZDY10 $ 540
Total, Trust — ANONYMOUS — VISUAL EDUCATION .................................................. $ 540

Business Office
Account Number 05-06-20
1. H. A. Hazleton, Business Manager of the Chicago Colleges and Divisions ...................... ZDY $ 17,200
### Nonacademic Salaries

<table>
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<tr>
<th>Position</th>
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<td>Equipment</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Business Office</strong></td>
<td>$326,645</td>
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### Trust — Indirect Costs — Business Office

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Nonacademic Salaries</th>
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<tr>
<td>56-06-03</td>
<td>$19,545</td>
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### Auditing

<table>
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<tr>
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### Trust — Indirect Costs — Auditing

<table>
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<td>56-06-04</td>
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### Admissions and Records

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<td>05-06-25</td>
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<td>George R. Moon, Associate Dean</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Admissions and Records</strong></td>
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### Nonacademic Personnel

<table>
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<th>Account Number</th>
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### Indirect Costs — Nonacademic Personnel

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<td>56-06-02</td>
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<td>$9,440</td>
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UNIVERSITY OF ILLINOIS

Student Affairs

Account Number 05-06-32
1. Maurice Galbraith, Dean of Student Affairs
   BY $14,250
2. F. C. Dalla, Director of Chicago Housing Division
   ZDY 18,120
Nonacademic Salaries
Total, Salaries (32,370)
Wages 480
Expense 2,320
Equipment 100
Total, Wages, Expense, and Equipment (2,900)
Total, Student Affairs $35,270

Public Information

Account Number 05-06-35
1. Max Isaac Light, Chicago Manager of Public Information
   ZDY $9,500
Nonacademic Salaries
Total, Salaries (20,000)
Wages 500
Expense 3,160
Faculty-Alumni Newsletter 4,340
Equipment 400
Total, Wages, Expense, and Equipment (8,400)
Total, Public Information $28,400

General Expenses

Account Number 05-06-65
Commencement Expense $4,000
Research Exhibits Expense 1,500
Incidental and Emergency 4,000
Nonrecurring Unassigned (35,000)
Estimates and Alterations Unassigned (25,000)
Vice-President's Contingent 1,500
General Publications 2,000
Public Functions 1,000
Nonacademic Disability Benefits 1,000
Total, Wages, Expense, and Equipment (15,000)
Total, General Expenses $15,000

COLLEGE OF MEDICINE

General

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<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<td>Anatomy</td>
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<td>Clinical Science</td>
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<td>Dermatology</td>
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### General (Continued)

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<td>Presbyterian—St. Luke’s Hospital</td>
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<tr>
<td>Preventive Medicine</td>
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<td>Psychiatry</td>
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<td>Radiology</td>
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**Total, General** $3 293 211 $402 122 $3 695 333

### Restricted

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<td>4 020</td>
<td>300</td>
<td>4 320</td>
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<tr>
<td>Toxicology Revolving</td>
<td>3 300</td>
<td>4 700</td>
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<td>Estimated Indirect Costs</td>
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<td>Estimated Private Gifts</td>
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<td>Estimated U.S. Contracts</td>
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**Total, Instruction** $185 320 $72 000 $257 320

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<td>Estimated Private Gifts</td>
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<td>Estimated U.S. Contracts</td>
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**Total, Organized Research** $1 000 000 $1 700 000

**Total, Restricted** $1 185 320 $772 000 $1 957 320

### Administration

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<tr>
<td>1. Granville A. Bennett, Dean</td>
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<td>$24 500</td>
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<td>2. Donald J. Caseley, Associate Dean</td>
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<td>3. William F. Kellow, Associate Dean</td>
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<td>4. Unassigned Salaries</td>
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**Total, Salaries** $81 570

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<td></td>
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<td>6 400</td>
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**Total, Wages, Expense, and Equipment** $31 570

**Total, Administration** $112 107

### Cooperative Investigations

**Trust—Medical Education Research Commonwealth Fund**

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<th>Account Number 50-05-10</th>
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<tr>
<td>1. George E. Miller, Director of Research in Medical Education</td>
<td>ZBY</td>
<td>$18 000</td>
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<tr>
<td>2. Lawrence A. Fisher, Associate Director of Research in Medical Education</td>
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<td>$13 150</td>
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**Total, Trust—Medical Education Research Commonwealth Fund** $31 750

### Postgraduate

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<td>Expense, General</td>
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**Total, Wages, Expense, and Equipment** $1 000

### Anatomy

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<tbody>
<tr>
<td>1. S. R. M. Reynolds, Professor and Head of Department</td>
<td>$19 700</td>
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2. A. R. Cooper, Professor, Emeritus ................................ R ...
3. E. Lloyd DuBrul, Professor ...................................... ZAY ...
4. O. F. Kampmeier, Professor, Emeritus ......................... R ...
5. Robert H. Krehbiel, Professor ................................ A
   12 000
6. James C. Plagge, Professor .................................. AY 14 000
7. Parke H. Simer, Professor .................................. A 13 500
8. Gerhardt von Bonin, Professor, Emeritus ...................... R ...
9. .......................................................... A 12 500
10. Arnold A. Zimmermann, Professor, Emeritus ...................... R ...
11. Yngve Jonanson, Associate Professor, Emeritus ............... R ...
12. Arthur La Velle, Associate Professor ......................... AY 10 200
13. Vincent J. De Feo, Assistant Professor ....................... BY 9 000
14. L. M. H. Larramendi, Assistant Professor .................... BY 9 150
15. Edith K. Machtae, Assistant Professor ....................... BY 9 000
16. Helen C. Mabenco, Assistant Professor ....................... BY 8 350
17. Harry Monsen, Assistant Professor .......................... BY 9 000
18. A. J. Schmidt, Assistant Professor .......................... BY 9 300
19. Leopold Treciokas, Assistant Professor ....................... DY 8 000
20. 1.50 Full Time Equivalent Assistants ........................ E 6 000

Nonacademic Salaries ........................................... 30 056

Total, Salaries ........................................... (179 756)
Wages ................................................................. 1 500
Expense .................................................................. 14 200
Equipment ................................................................ 2 500

Total, Wages, Expense, and Equipment ....................... (18 200)
Total, Anatomy ................................................... $197 056

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE RG4728C3

Account Number 55-16-73
1. John Mackie, Research Assistant ............................... DY $ 4 650

Biological Chemistry

Account Number 05-12-27
1. Richard J. Winzler, Professor and Head of Department AY $ 19 700
2. Olaf Bergeim, Professor, Emeritus .......................... R ...
3. Stephen B. Binkley, Professor .............................. AY 15 650
4. Leo G. Abood, Associate Professor of Neurophysiology ZAY10 1 150
   (Total Salary) .................................................. (11 450)
5. C. A. Johnson, Associate Professor ......................... AY 10 125
6. Terrell C. Myers, Associate Professor ...................... AY 11 300
7. Max E. Kaelelson, Associate Professor ..................... AY 12 600
8. James A. Hayashi, Assistant Professor ..................... BY 9 100
9. Henry Jeffay, Assistant Professor ........................... BY 10 100
10. Paul Kohn, Assistant Professor .............................. BY 10 600
11. Charles Panos, Assistant Professor ......................... ZBY25 2 025
   (Total Salary) .................................................. (8 100)
12. Edward B. Titchener, Assistant Professor ................. BY 9 350
13. Bernard Weissmann, Assistant Professor ................... BY 9 000
14. 2.50 Full Time Equivalent Assistants ........................ E 9 750
Nonacademic Salaries ........................................... 26 566
   Total, Salaries ........................................... (158 116)
Wages ................................................................. 1 600
Expense .................................................................. 17 550
Equipment ................................................................ 2 600

Total, Wages, Expense, and Equipment ....................... (21 150)

Total, Biological Chemistry ................................... $179 266

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY

Account Number 50-12-57
1. Leslie Robert, Research Associate ........................... DY $ 7 000
TRUST — LIFE INSURANCE MEDICAL RESEARCH
Account Number 50-12-80
1. Clyde C. Doughty, Research Associate.......................... DY $ 7,500

TRUST — U.S. PUBLIC HEALTH SERVICE C1826C7
Account Number 55-21-07
1. Irene Bornstein, Research Assistant.......................... DY $ 5,600

TRUST — U.S. PUBLIC HEALTH SERVICE RG6686C1
Account Number 55-21-88
1. D. A. Dennen, Research Assistant.......................... DY $ 4,650

TRUST — U.S. PUBLIC HEALTH SERVICE E1514C3
Account Number 55-21-88
1. Charles Panos, Assistant Professor.......................... ZBY75 $ 6,075

TRUST — U.S. PUBLIC HEALTH SERVICE A2636C1
Account Number 55-21-99
1. Saeed Gaballah, Research Associate.......................... DY $ 7,800

Clinical Science
Account Number 05-12-30
1. A. C. Ivy, Distinguished Professor of Physiology and
   Head of Department of Clinical Science.................. AY $ 18,500
2. Roman Wojciech, Research Associate.......................... DY95 $ 5,700

Nonacademic Salaries
Total, Salaries .................................................. (30,200)

Expense .......................................................... 7,300

Total, Clinical Science ........................................... $ 37,500

Cooperative Investigations
TRUST — LAKELAND FOUNDATION — STIMULATING AND
INHIBITING AGENTS
Account Number 50-15-41
1. Dorothy Nelson, Research Associate.......................... DY20 $ 1,200

Dermatology
Account Number 05-12-36
1. Adolph Rostenberg, Professor and Head of Department AY $ 19,500
2. Theodore Cornbleet, Clinical Professor .......................... AY30 $ 3,600
3. Harold Shellow, Clinical Associate Professor .................. AY10 $ 3,200
4. F. J. Szymanski, Clinical Associate Professor .................. AY16 $ 2,600
5. Louise E. Tavs, Clinical Associate Professor .................. AY20 $ 2,200
6. E. — Clinical Associate Professor .......................... AY20 $ 2,200
7. James J. Jambor, Assistant Professor .......................... 8,250
8. 0.20 Full Time Equivalent Assistants.......................... DY $ 1,002

Nonacademic Salaries
Total, Salaries .................................................. (59,740)

Wages .......................................................... 3,000

Expense .......................................................... 3,400

Equipment .......................................................... 1,200

Total, Wages, Expense, and Equipment .............................. (4,900)

Total, Dermatology ................................................ $ 64,648

Medical Social Work
Account Number 05-12-41
1. Carol H. Preucil, Associate Professor and Head of
   Department .................................................. AY $ 12,000
2. Lois E. Binns, Assistant Professor .......................... BY $ 7,800
3. Louise Fassler, Assistant Professor .......................... BY $ 8,000
4. Constance Fraser, Assistant Professor .......................... ZBY50 $ 3,700
   (Total Salary) .................................................. (7,400)
5. Kathryn E. Hepler, Assistant Professor .......................... BY $ 8,400
6. Dorothy Large, Assistant Professor .......................... BY $ 8,050
7. Helen R. Lockhart, Assistant Professor .......................... BY $ 7,500
Cooperative Investigations

TRUST — MEDICAL SOCIAL WORK — UNIVERSITY OF CHICAGO
Account Number 50-23-05
1. Aleanor Merrifield, Assistant Professor ....... BY $  7,750

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO
Account Number 50-52-55
1. Mary Elston Goss, Instructor ................. DY $  6,500

Medicine

Account Number 05-12-42
1. Harry F. Dowling, Professor and Head of Department ZAY $ 25,500
2. David J. Abramson, Professor ................. ZAY ........
3. Carroll L. Birch, Professor .................. ZAY ........
4. Edmund F. Foley, Professor ................. ZAY50  5,500
5. Ford K. Hick, Professor ...................... ZAY50  5,500
6. George G. Jackson, Professor ............... ZAY  18,800
7. Robert M. Kark, Professor ................. ZAY90  14,400
8. M. M. Montgomery, Professor .............. ZAY80  14,400
9. Norman B. Roberg, Professor ............... ZAY80  15,000
10. Max Samter, Professor ....................... ZAY90  13,300
11. Harry A. Bliss, Associate Professor ........ ZAY  14,500
12. Nicholas Cotsonas, Associate Professor ... ZAY90  14,900
13. William F. Kellow, Associate Professor .... ZAY ........
14. A. B. Kendrick, Associate Professor ....... ZAY  9,200
15. Louis R. Lanarzi, Associate Professor ...... ZAY70  6,600
16. George E. Miller, Associate Professor ...... ZAY ........
17. F. Steigmann, Clinical Associate Professor ZAY20  1,710
18. Basil Anst, Assistant Professor of Parasitology BY50  3,675
19. Aldona L. Balich, Assistant Professor ...... BY  9,800
20. William R. Best, Assistant Professor ...... ZBY15  1,765
   (Total Salary) .................................. (10,600)
21. George J. Brehis, Assistant Professor ...... BY50  3,700
22. Marvin J. Colbert, Assistant Professor .... ZBY ........
23. Moses Goldwasser, Assistant Professor, Emeritus R ........
24. Juta Koik, Assistant Professor .............. ZBY ........
25. Sophie J. Presley, Clinical Assistant Professor BY25  1,750
26. Robert J. Ryan, Assistant Professor ...... ZBY47  5,800
   (Total Salary) .................................. (10,800)
27. Nat E. Smith, Assistant Professor .......... BY  10,800
28. ————, Assistant Professor ................. BY  10,500

Total

Total, Salaries .................................. (166,210)
Wages ..................................................
Expense ................................................................
Equipment ...................................................
Total, Wages, Expense, and Equipment ........... (6,700)
Total, Medical Social Work ......................... $172,910
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<td>9,200</td>
<td>(Effective July 1, 1960)</td>
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<td>33</td>
<td>Hans G. Griple</td>
<td>Instructor</td>
<td>50-24-35</td>
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<td>(Total Salary)</td>
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<td>Burton R. Andersen</td>
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<td>35</td>
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<td>Research Assistant</td>
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<td>36</td>
<td>Mary E. Rubenis</td>
<td>Research Assistant</td>
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<td>37</td>
<td>Burton R. Andersen</td>
<td>Research Assistant</td>
<td>50-24-35</td>
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Nonacademic Salaries

| Total Salaries | 61,595 |

Wages

| Expense        | 13,670 |
| Expense, Allergy| 2,000  |
| Equipment       | 2,840  |

Total, Wages, Expense, and Equipment

| Total, Medicine | 18,510 |

Cooperative Investigations

Trust — Institution for Tuberculosis Research — Pulmonary Functions

Account Number 50-24-35

| Mary E. Rubenis, Research Assistant | ZDY15 | $900 |

Trust — Warner Lambert

Account Number 50-24-52

| Margaret E. Jones, Research Assistant | ZDY12 | $600 |

Total, Salary

| Total, Medicine | $352,805 |

Trust — Arthritis and Rheumatism Foundation

Account Number 50-24-56

| Peter Pulos, Clinical Instructor | DY15 | $900 |

Trust — National Foundation for Infantile Paralysis — Respiratory Polio

Account Number 50-52-55

| Margaret E. Gantt, Research Associate | ZDY70 | $5,040 |

Total, Salary

| Total, Trust — U.S. Public Health Service CY4985 | $8,400 |

Trust — U.S. Public Health Service HT300C10

Account Number 55-15-26

| Herschel L. Brown, Clinical Assistant Professor | BY45 | $3,800 |

Trust — U.S. Public Health Service CY4985

Account Number 55-35-06

| John Louis, Research Associate | ZDY45 | $3,750 |

Total, Salary

| Total, Trust — U.S. Public Health Service CY4985 | $8,400 |

Trust — U.S. Public Health Service H2253C3

Account Number 55-35-13

| Henry J. Goldsmith, Research Associate | DY50 | $3,000 |
| Roy C. McClain, Research Assistant | DY | $5,500 |

Total, Trust — U.S. Public Health Service H2253C3

| Total, Trust — U.S. Public Health Service E1690C2 | $8,500 |

Trust — U.S. Public Health Service E1690C2

Account Number 55-35-17

| Margaret E. Gantt, Research Associate | ZDY30 | $2,160 |
| Roger P. Kennedy, Research Assistant | FY | $4,650 |

Total, Trust — U.S. Public Health Service E1690C2

| Total, Trust — U.S. Public Health Service E1690C2 | $6,810 |
TRUST — U.S. PUBLIC HEALTH SERVICE 2A5032C3
Account Number 55-35-23
1. Alexander N. Ruggie, Clinical Assistant Professor........ BY35 $  3 000

TRUST — U.S. PUBLIC HEALTH SERVICE E2044C1
Account Number 55-35-27
1. Pier A. Taschini, Research Associate..................... DY $  8 000

TRUST — U.S. PUBLIC HEALTH SERVICE E1949C2
Account Number 55-35-32
1. Margaret F. Jones, Research Assistant................. ZDY88 $  4 800
(Total Salary) ........................................... (5 500)

TRUST — U.S. ARMY MD421
Account Number 55-35-65
1. Robert L. Muldoon, Research Associate................. DY $  7 200
2. Miriam R. Bernstein, Research Assistant............... DY $  5 000
3. Gloria S. Cooper, Research Assistant................. DY $  5 000
Total, Trust — U.S. Army MD421 ................................ $ 17 200

TRUST — U.S. PUBLIC HEALTH SERVICE 2347C5
Account Number 55-35-80
1. William R. Best, Assistant Professor.................. ZBY75 $  8 835
2. John Louis, Research Associate.......................... ZDY45 $  3 750
(Total Salary) ........................................... (7 500)
3. Stanley A. Uriu, Research Assistant................... FY $  4 650
(Effective July 1, 1960)
Total, Trust — U.S. Public Health Service 2347C5... $ 17 235

TRUST — U.S. PUBLIC HEALTH SERVICE 2A5105C2
Account Number 55-35-92
1. Robert J. Ryan, Assistant Professor.................... ZBY53 $  5 700

TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11 —
CANCER TRAINING
Account Number 55-65-16
1. Samuel G. Taylor, Clinical Associate Professor....... AY40 $  3 420

Microbiology
Account Number 05-12-44
1. Milan V. Novak, Professor and Head of Department... ZAY90 $ 17 550
(Total Salary) ........................................... (19 500)
2. J. E. Kempf, Professor.................................. AY $ 14 000
3. Leon J. LeBeau, Associate Professor.................... AY $ 10 000
4. Esther Meyer, Associate Professor....................... AY $ 10 300
5. Edward E. Vicher, Associate Professor............... AY $ 11 500
6. Carolyn W. Hammond, Assistant Professor............. BY $  9 000
7. Newton Khoobyarian, Assistant Professor.............. DY $  9 000
8. Arthur V. Kroeger, Assistant Professor................. BY $  8 800
9. Robert W. Pumper, Assistant Professor............... BY $  9 700
10. Louis R. Sibal, Assistant Professor................. BY $  7 600
11. V. F. Gerencser, Instructor........................... DY $  7 600
12. Edward S. Kos, Instructor.............................. DY $  7 600
13. 2% Full Time Equivalent Assistants................... E $  9 036
Nonacademic Salaries ....................................... 36 444
Total, Salaries ........................................... (168 130)
Wages ......................................................... 1 600
Expense ....................................................... 8 400
Equipment ..................................................... 4 000
Total, Wages, Expense, and Equipment ......................... (14 000)
Total, Microbiology .......................................... $182 130

Neurology and Neurological Surgery
Account Number 05-12-45
1. Eric Oldberg, Professor and Head of Department... AY75 $ 16 300
2. Orville T. Bailey, Professor of Neurology.......... AY $ 19 200
3. Percival Bailey, Distinguished Professor of Neurology, Emeritus ........................................... R
4. Frederic A. Gibbs, Professor of Electroencephalography AY75 8 250
5. W. A. Gustafson, Clinical Professor of Neurological Surgery ........................................... AY20 3 000
   (On leave without pay to November 30, 1960)
6. Ben W. Lichtenstein, Clinical Professor of Neurology AY25 2 500
7. R. P. Mackay, Professor of Neurology ........................................... AY20 3 000
8. Oscar Sugar, Professor of Neurological Surgery ........................................... AY50 6 000
9. John S. Garvin, Clinical Associate Professor of Neurology ........................................... AY40 3 600
10. I. B. Diamond, Assistant Professor, Emeritus ........................................... R
11. Ernst Haase, Clinical Assistant Professor of Neurology ZBY20 1 830
    (Total Salary) ........................................... (3 660)
12. Frederick W. Stamps, Research Associate in Neurology ZDY45 6 350
    (Total Salary) ........................................... (12 680)
13. Donald D. Layton, Clinical Instructor in Neurology... DY25 1 800
14. Roland A. Manfredi, Clinical Instructor in Neurology... DY25 1 800
15. Paul R. Rosenbluth, Clinical Instructor in Neurology... DY25 1 800
16. Erna L. Gibbs, Research Assistant in Electroencephalography ... DY 5 500
Nonacademic Salaries ........................................... 62 268
    Total, Salaries ........................................... (143 108)
Wages, Neurology ........................................... 5 100
Wages, Epilepsy Clinic ........................................... 860
Expense, Neurology ........................................... 16 400
Expense, Epilepsy Clinic ........................................... 5 000
Equipment ........................................... 670
    Total, Wages, Expense, and Equipment ........................................... (27 970)
    Total, Neurology and Neurological Surgery ........................................... $171 168

Epilepsy Clinic Revolving
Account Number 07-12-10
Nonacademic Salaries ........................................... $ 4 020
Expense ........................................... 300
    Total, Epilepsy Clinic Revolving ........................................... $ 4 320

Cooperative Investigations
TRUST — CRIPPLED CHILDREN'S BUREAU — CONSULTATION CLINIC — EPILEPSY
Account Number 53-12-10
1. Ernst Haase, Clinical Assistant Professor of Neurology ZBY20 $ 1 830
2. Frederick W. Stamps, Research Associate in Neurology ZDY45 6 330
3. Seymour Metrick, Clinical Instructor in Neurology... DY20 1 680
4. Janet D. Rowley, Clinical Instructor in Neurology... DY90 6 720
    Total, Trust — Crippled Children's Bureau — Consultation Clinic — Epilepsy ........................................... $16 560

TRUST — U.S. PUBLIC HEALTH SERVICE B1109C3
Account Number 55-40-23
1. Catherine L. Rich, Research Assistant in Neurology... DY $ 6 072

Obstetrics and Gynecology
Account Number 05-12-48
1. William F. Mengert, Professor and Head of Department ........................................... AY $ 25 000
2. W. H. Browne, Clinical Professor, Emeritus ........................................... R
3. F. H. Falls, Professor, Emeritus ........................................... R
4. Vincent C. Freda, Clinical Associate Professor ........................................... AY40 5 200
5. James H. McClure, Associate Professor ........................................... AY 10 000
6. Robert C. Burchell, Assistant Professor ........................................... BY 17 500
7. Harold Kaminetzky, Assistant Professor ........................................... BY 15 100
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<td>05-12-49</td>
<td>Beatrice D. Wade, Associate Professor and Head of Department</td>
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<td>05-12-49</td>
<td>Mary P. Heermans, Assistant Professor</td>
<td>BY</td>
<td>$8,100</td>
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<td>05-12-49</td>
<td>Frederiekia Poulks, Instructor</td>
<td>DY</td>
<td>$6,500</td>
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<tr>
<td>05-12-49</td>
<td>Nedra A. Gillette, Instructor</td>
<td>DY</td>
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<td>05-12-49</td>
<td>Patricia Green, Instructor</td>
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<td>05-12-49</td>
<td>Dorothy T. Hruby, Instructor</td>
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<td>05-12-49</td>
<td>Barbara Loomis, Instructor</td>
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<td>05-12-49</td>
<td>Shirley Perlmutter, Instructor</td>
<td>DY</td>
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<td>05-12-49</td>
<td>Gretchen M. Schmalz, Assistant</td>
<td>DY</td>
<td>$5,200</td>
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<tr>
<td>05-12-51</td>
<td>P. C. Kronfeld, Professor and Head of Department and Ophthalmologist-in-Chief</td>
<td>ZAY</td>
<td>$22,200</td>
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<tr>
<td>05-12-51</td>
<td>Hallard Beard, Professor, Emeritus</td>
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<td>05-12-51</td>
<td>Robert L. Allen, Clinical Professor</td>
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<td>05-12-51</td>
<td>Eugene R. Folk, Assistant Professor</td>
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<td>05-12-51</td>
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<td>05-12-51</td>
<td>Maurice D. Pearlman, Clinical Assistant Professor</td>
<td>BY40</td>
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<td>(Handicapped Children's Center - 20 per cent)</td>
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<td>05-12-51</td>
<td>Howard L. Wilder, Assistant Professor</td>
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<td>Instructor</td>
<td>FY85</td>
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### Cooperative Investigations

**TRUST - U.S. PUBLIC HEALTH SERVICE C7630C11**

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<td>Michael Farmans, Instructor</td>
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<td>05-12-49</td>
<td>Patricia A. Tiernan, Instructor</td>
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<td>Marilyn Lange, Assistant</td>
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<td>Maurice D. Pearlman, Clinical Assistant Professor</td>
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### Ophthalmology

**TRUST - U.S. PUBLIC HEALTH SERVICE OVR10660**

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<td>P. C. Kronfeld, Professor and Head of Department and Ophthalmologist-in-Chief</td>
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<td>Robert L. Allen, Clinical Professor</td>
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<td>Eugene R. Folk, Assistant Professor</td>
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<td>Samuel T. Jones, Assistant Professor</td>
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<td>Lawrence Lasitter, Assistant Professor</td>
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<td>Maurice D. Pearlman, Clinical Assistant Professor</td>
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(Handicapped Children's Center - 20 per cent)

**Effective July 1, 1960**

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(Effective July 1, 1960)
Nonacademic Salaries ...................................
Total, Salaries ..................................... 31,540
(104,900)
Wages .................................................. 1,100
Expense ................................................ 8,400
Equipment ............................................. 1,500
Total, Wages, Expense, and Equipment .......... (11,000)
Total, Ophthalmology ................................. $115,500

Orthopaedic Surgery

Account Number 05-12-54
1. Robert D. Ray, Professor and Head of Department...AY50 $ 12,000
2. Fred W. Hark, Clinical Professor .................. AY25 3,450
3. C. N. Lambert, Clinical Professor ................. AY35 4,000
4. Theodore A. Fox, Clinical Associate Professor ... AY35 3,400
5. Charles V. Heck, Clinical Associate Professor ... AY35 3,400
6. Henry W. Apfelbach, Clinical Assistant Professor BY35 3,000
7. Ralph T. Lidge, Clinical Assistant Professor ...... BY35 2,800
(On leave without pay September-December, 1960)
8. John B. Griffin, Clinical Instructor ............... DY30 2,100
(Handicapped Children's Center)

Nonacademic Salaries
Total, Salaries ........................................ 36,630
(70,780)
Wages .................................................... 300
Expense ................................................ 6,700
Equipment ............................................. 3,000
Total, Wages, Expense, and Equipment .......... (10,000)
Total, Orthopaedic Surgery ........................... $ 80,780

Cooperative Investigations

TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS — RESPIRATORY POLIO
Account Number 50-52-55
1. Sid J. Shafer, Clinical Assistant Professor ...... DY20 $ 1,500

Otolaryngology

Account Number 05-12-57
1. Francis L. Lederer, Professor and Head of Department and Otolaryngologist-in-Chief .................. AY80 $ 16,400
2. Paul H. Holinger, Professor of Bronchoesophagology AY48 5,700
3. C. M. Lightfoot, Associate Professor of Otolaryngology AY35 12,600
4. Frederic J. Pollock, Associate Professor ........ AY50 6,300
5. Emanuel M. Skolnik, Associate Professor ......... ZAY50 5,100
(Total Salary)
6. Burton J. Soboroff, Associate Professor .......... AY50 5,510
7. ———, Associate Professor of Audiology ........... DY 9,150
8. Richard A. Buckingham, Clinical Assistant Professor BY45 4,250
9. Charles R. Elliott, Assistant Professor .......... ZBY 4,500
10. Arthur Loewy, Assistant Professor .............. BY50 4,600
11. John M. McCauley, Assistant Professor of Clinical Psychology .................................. BY 7,450
12. William H. Plotkin, Assistant Professor of Clinical Speech .................................. BY 7,450
13. ———, Assistant Professor of Speech .............. BY 8,000
(Handicapped Children's Center)
14. Virginia A. Breed, Instructor in Audiology ..... DY 6,350
15. Edward K. Elliott, Instructor in Clinical Speech .. DY10 800
Nonacademic Salaries
Total, Salaries ........................................ (147,300)
Wages ................................................... 600
Expense .............................................. 9,400
Equipment ............................................ 1,800
Total, Wages, Expense, and Equipment .......... (11,000)
Total, Otolaryngology ................................. $158,300
## Cooperative Investigations

**TRUST — U.S. PUBLIC HEALTH SERVICE B1711C1**

Account Number 55-49-06  

1. Nicholas Torok, Clinical Assistant Professor........... DY20 $ 2 000

**TRUST — U.S. PUBLIC HEALTH SERVICE C7630C11 — CANCER TRAINING**

Account Number 55-65-16  

1. Joseph G. Schoolman, Clinical Associate Professor.... AY35 $ 3 000

### Pathology

Account Number 05-12-60  

1. Cecil A. Krakower, Professor and Head of Department ZAY $ 25 000  
2. Granville A. Bennett, Professor.......................... ZAY $ 18 700  
3. John B. Fuller, Professor ................................. R $ 15 600  
4. S. A. Levinson, Professor, Emeritus .................. ZAY $ 19 300  
5. George Milles, Professor ................................. A20 $ 3 000  
6. Conrad L. Pirani, Professor .............................. ZAY $ 19 300  
7. Joseph P. Weinmann, Professor ......................... ZAY $ 15 600  
8. ———, Professor ........................................... AY10 $ 1 200  
9. H. R. Catchpole, Research Associate Professor .... AY $ 12 050  
10. Elizabeth A. McGrew, Associate Professor .......... ZAY $ 15 600  
11. Alexander J. Nezel, Associate Professor, Emeritus ZAY $ 15 600  
12. Donald R. Russ, Associate Professor ................. ZAY $ 15 600  
13. Martin Swerdlow, Associate Professor ............... ZBY $ 12 600  
14. Pietro U. Capurro, Assistant Professor ............... ZBY $ 13 000  
15. Esther L. Chealte, Assistant Professor ............... ZBY $ 13 000  
16. Ruth Wong, Assistant Professor ....................... BY $ 13 000  
17. ———, Assistant Professor ................................. BY $ 13 000  
18. ———, Assistant Professor ................................. DY $ 8 500  
19. Seymour Greenspon, Research Associate ............. DY $ 9 000  
20. ———, Instructor ........................................... ZDY $ 7 600  

Nonacademic Salaries ........................................ 36 738  
Total, Salaries ............................................. (237 088)

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Total, Wages, Expense, and Equipment .................... (18 150)

Total, Pathology ........................................... $255 238

### Cooperative Investigations

**TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10**

Account Number 55-15-26  

1. Otto Saphir, Clinical Professor ......................... DY10 $ 1 200

### Pediatrics

Account Number 05-12-63  

1. Heyworth N. Sanford, Professor and Head of Department ................. AY $ 24 200  
2. I. Pat Bronstein, Professor .............................. AY70 $ 10 500  
3. Ralph Spaeth, Clinical Professor ....................... AY35 $ 3 200  
4. Edward F. Lis, Associate Professor ................... ZAY $ 15 000  
5. Ira M. Rosenthal, Associate Professor ................. AY $ 15 000  
6. Anne Bohning, Assistant Professor, Emerita ........ BY $ 7 350  
7. Andre Chabot, Assistant Professor ................... BY $ 7 350  
8. John S. Hyde, Assistant Professor ................... BY50 $ 4 400  
9. Melvin A. Krugly, Assistant Professor ............... BY50 $ 4 400  
10. Michael Limosani, Clinical Assistant Professor .... BY40 $ 3 000  
11. Kareem B. Minhas, Assistant Professor ............. BY $ 10 000  
12. Nerissa P. Singh, Assistant Professor ............... BY50 $ 4 100  
13. Luis Trevino, Assistant Professor ................... ZBY60 $ 4 700  

(Total Salary) ............................................ (7 850)

(Handicapped Children’s Center — 40 per cent)
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<td>14. Instructor</td>
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<td>15. Instructor</td>
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<td>(Total Salary)</td>
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<td>16. Clinical Instructor</td>
<td>Dolores E. Knoblock</td>
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<td>17. Instructor</td>
<td>Rute Medenis</td>
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<td>Isidro L. Perez</td>
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<td>19. Instructor</td>
<td>Henrietta K. Sachs</td>
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Nonacademic Salaries                         $5,700

Total, Salaries                             $140,680

Cooperative Investigations

Trust—State Department of Public Welfare—Psychosomatic Differentiation in Infants

Account Number 55-60-05

1. Instructor                                | Mary F. Graham              | $1,150  |

Pharmacology

Account Number 05-12-66

1. Professor and Head of Department          | Klaus R. Unna               | $19,500 |
2. Professor                                | Harris Busch                | $13,400 |
3. Professor and Toxicologist               | W. J. R. Camp               | $14,000 |
4. Emeritus                                  | H. A. McGuigan              | $11,000 |
5. Professor                                | T. R. Sherrod               | $8,500  |
6. Associate Professor                       | Cedric M. Smith             | $8,500  |
7. Assistant Professor                       | Laszlo Gyermek              | $8,500  |
8. Assistant Professor                       | Xenia Machne                | $8,500  |
9.                                     | Nonacademic Salaries        | $20,260 |

Total, Salaries                             $134,210

Toxicology Revolving

Account Number 07-12-15

1. Full Time Equivalent Assistant            | 0.75                        | $3,300  |

Cooperative Investigations

Trust—American Cancer Society

Account Number 50-45-18

1. Research Associate                        | Paul Bijvoet                | $7,700  |

Physical Medicine and Rehabilitation

Account Number 05-12-72

1. Professor and Head of Department          | David I. Abramson           | $15,400 |
2. Clinical Associate Professor              | Edward E. Gordon            | $11,54  |
3. Clara J. Fleischer, Assistant Professor .......................... ZBY 12 140
4. Diana R. Scammel, Assistant ................................. DY 5 670
   (Handicapped Children's Center)
5. Agenor M. Zayas, Assistant ................................. DY 5 076
Nonacademic Salaries ........................................ 10 002
Total, Salaries ................................................ 49 442
Expense .......................................................... 2 100
Equipment .......................................................... 600
Total, Wages, Expense, and Equipment ......................... (2 700)
Total, Physical Medicine and Rehabilitation .................. $ 52 142

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE H2568C3
Account Number 55-52-08
1. Sammie Tuck, Jr., Research Assistant ....................... DY $ 5 300

Physiology

Account Number 05-12-75
1. Arnold Veryl Wolf, Professor and Head of Department AY $ 19 500
2. R. C. Ingraham, Professor .................................. AY 14 800
3. John P. Marbarger, Professor ................................ ZAY ..... 10 850
4. C. I. Reed, Professor, Emeritus .......................... R ..... 13 600
5. William Whitehorn, Professor .............................. AY 15 250
6. Norman R. Alpert, Associate Professor .................. AY 11 200
7. Ruven Greemberg, Associate Professor .................... AY 9 800
8. Akira Omachi, Associate Professor ........................ AY 8 100
9. Robert Macey, Assistant Professor ........................ BY 8 100
10. Sabath F. Marotta, Assistant Professor ................... ZBY ..... 9 800
11. Frank E. South, Jr., Assistant Professor .................. BY 11 200
12. J. Langdon Taylor, Assistant Professor ................... BY 8 100
13. Henry Tedeschi, Assistant Professor ....................... BY 8 100
14. William C. Dolowy, Instructor ............................. ZDY ..... 11 200
15. Arthur Grimm, Instructor ................................ D 6 900
16. 4.00 Full Time Equivalent Assistants ........................ E 15 800
Nonacademic Salaries ........................................... 39 108
Total, Salaries ................................................ (184 318)
Wages ............................................................... 2 000
Expense ............................................................ 23 200
Equipment .......................................................... 1 700
Total, Wages, Expense, and Equipment ......................... (26 900)
Total, Physiology ................................................ $ 211 218

Presbyterian-St. Luke's Hospital

Account Number 05-12-87
Expense ............................................................. $ 60 775
Total, Presbyterian-St. Luke's Hospital ....................... $ 60 775

Preventive Medicine

Account Number 05-12-78
1. Mark H. Lepper, Professor and Head of Department ZAY $ 20 700
2. Adrian M. Ostfeld, Associate Professor .................... AY 14 000
3. Sol Roy Rosenthal, Associate Professor .................... ZAY ..... 4 700
4. Walter S. Wood, Assistant Professor ......................... BY 50 11 000
5. ————, Assistant Professor ................................. DY 5 100
Nonacademic Salaries ........................................... (55 500)
Total, Salaries ................................................... 700
Wages ............................................................... 2 500
Expense ............................................................ 300
Total, Wages, Expense, and Equipment ......................... (3 500)
Total, Preventive Medicine ..................................... $ 59 000
## Cooperative Investigations

**TRUST—NATIONAL FOUNDATION FOR INFANTILE PARALYSIS—RESPIRATORY POLIO**

Account Number 50-52-55

1. George A. Saxton, Director of Research, in the Respiratory Center, with rank of Associate Professor... ZDY$50  
2. Benjamin M. Hair, Assistant Professor... DY$80

**Total, Trust—National Foundation for Infantile Paralysis—Respiratory Polio**

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## Trust—Upjohn Company

Account Number 50-52-75

1. Hyman Mackler, Research Associate... DY$50

## Trust—U.S. Public Health Service B1693CI

Account Number 55-57-11

1. Edith C. Dougherty, Research Assistant... DY$500

## Trust—U.S. Public Health Service E2613CI

Account Number 55-57-15

1. V. Kriauciunaite, Research Assistant... DY$4,800
2. Jeannette Norsen, Research Assistant... DY$5,800

**Total, Trust—U.S. Public Health Service E2613CI**

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<th>Account Number 55-57-15</th>
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## Psychiatry

Account Number 05-12-81

1. Francis J. Getty, Professor and Head of Department... AY$66  
2. Franz G. Alexander, Clinical Professor, Emeritus... R
3. Percival Bailey, Clinical Professor, Emeritus... R
4. Beulah C. Bosselman, Professor... AY$50  
5. Hugh T. Carmichael, Clinical Professor... AY$25
6. Alexander Geiger, Professor of Neurophysics... AY$11
7. Ernest A. Haggard, Professor of Psychology... AY$12
8. Irene Josselyn, Clinical Professor... AY$25  
9. L. J. Meduna, Professor... AY$53
10. George Mohr, Clinical Professor, Emeritus... R
11. Irene Sherman, Clinical Associate Professor, Emerita... R
12. Lucia E. Tower, Clinical Professor... AY$25  
13. Leo G. Abod, Associate Professor of Neurophysiology... ZAY$10

**Total Salary**

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14. Peter Giovacchini, Clinical Associate Professor... AY$25  
15. Kalman Gyarfas, Associate Professor... AY$70
16. Joel S. Handler, Clinical Associate Professor... AY$35  
17. Kyoko Koketsu, Associate Professor of Neurophysiology... AY$9
18. Paul E. Nelson, Associate Professor... AY$14
19. George H. Pollock, Clinical Associate Professor... AY$25
20. Alan K. Rosenwald, Associate Professor of Psychology in Psychiatry and Psychology... AY$11
21. Orville S. Walters, Lecturer in Psychiatry with rank of Associate Professor... ZAY
22. Sol Altschul, Clinical Assistant Professor... BY$25  
23. Seymour Chaplik, Clinical Assistant Professor... BY$35
24. Patrick Israel, Assistant Professor... BY$50
25. Robert S. Levine, Assistant Professor... BY$50  
26. John Loesch, Assistant Professor... BY$55

**(Effective July 1, 1960)**

27. Clifton C. Rhead, Clinical Assistant Professor... ZBY
28. Aubrey L. Ruess, Assistant Professor of Psychology... BY$8

**(Handicapped Children's Center)**

29. Harold M. Visotsky, Clinical Assistant Professor... BY$2
30. ---, Assistant Professor... BY$8
31. Garth Smith, Instructor .......................... ZDY40 $3,000
   (Total Salary) ................................ (4,500)

32. Edward M. Wasserman, Instructor ........... DY50 $5,600
Nonacademic Salaries ................................ 60,980

Total, Salaries ................................... (253,830)

Wages .................................................. 2,000

Expense ............................................. 12,500

Equipment .......................................... 1,000

Total, Wages, Expense, and Equipment .......... $15,500

Total, Psychiatry ................................... $269,330

Cooperative Investigations

TRUST—NATIONAL MULTIPLE SCLEROSIS FOUNDATION
Account Number 50-54-43
1. Bernard Gothelf, Research Assistant ........... DY $5,600

TRUST—U.S. PUBLIC HEALTH SERVICE M2302C1
Account Number 55-57-06
1. Binyamin Lebovits, Research Associate ....... DY20 $1,800
2. Richard R. Rosman, Research Associate ....... DY $8,000

Total, Trust—U.S. Public Health Service M2302C1 $9,800

TRUST—STATE DEPARTMENT OF PUBLIC WELFARE—
NEURON STUDY
Account Number 55-60-01
1. Ruth Geiger, Research Associate ............... DY $10,000
2. Mary E. Stewart, Research Assistant ......... DY $6,000

Total, Trust—State Department of Public Welfare—
Neuron Study ........................................ $16,000

TRUST—STATE DEPARTMENT OF PUBLIC WELFARE
Account Number 55-60-10
1. John H. Biel, Lecturer with rank of Assistant Professor DY15 $1,800
2. Ikuko Koyama, Research Assistant ............. DY $5,000

Total, Trust—State Department of Public Welfare $6,800

TRUST—STATE DEPARTMENT OF PUBLIC WELFARE
Account Number 55-60-12
1. Julia T. Apter, Research Associate ............ ZDY35 $4,000
   (Total Salary) .................................... (11,500)

TRUST—U.S. PUBLIC HEALTH SERVICE 3B413C6
Account Number 55-60-16
1. Iris M. Barbato, Research Associate .......... DY $7,000
2. Virginia Aguilar, Research Assistant ......... DY $6,300
3. William Scruggs, Research Assistant ......... DY $4,800
4. Greene R. Whitney, Research Assistant ....... DY $5,300

Total, Trust—U.S. Public Health Service 3B413C6 $28,200

TRUST—U.S. PUBLIC HEALTH SERVICE B1650C1
Account Number 55-60-21
1. Shigeru Miyamoto, Research Associate ......... DY $5,500
2. Kenichi Noda, Research Associate ............. DY $5,500

Total, Trust—U.S. Public Health Service B1650C1 $11,000

TRUST—U.S. PUBLIC HEALTH SERVICE B2708
Account Number 55-60-36
1. Julia T. Apter, Research Associate ............ ZDY65 $7,500

TRUST—U.S. NONR 145903
Account Number 55-60-40
1. Libero Barbato, Research Associate .......... DY $7,000
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<td>Kenneth S. Isaacs, Research Associate</td>
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<td>Jack Saporta, Instructor of Psychology</td>
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<td>Herbert C. Batson, Professor of Biostatistics</td>
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<td>Myron Melamed, Clinical Assistant Professor</td>
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<td>Anton M. Pantone, Clinical Assistant Professor</td>
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<td>Virginia Patterson, Assistant Professor</td>
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<td>Glen Sandberg, Assistant Professor</td>
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<td>Enrique Schwarz, Assistant Professor</td>
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<td>Charles F. Whitney, Clinical Assistant Professor</td>
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<td>Richard E. Haas, Instructor</td>
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### Cooperative Investigations

**TRUST — U.S. PUBLIC HEALTH SERVICE C13426C2**

**Account Number 55-62-07**

<table>
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<tr>
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<tbody>
<tr>
<td>I. J. W. Yusken</td>
<td>Research Associate</td>
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<tr>
<td>Axel G. Anderson</td>
<td>Clinical Professor</td>
<td>ZAY $25,700</td>
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<tr>
<td>Reuben C. Balagot</td>
<td>Clinical Professor of Anesthesiology</td>
<td>ZAY $6,250</td>
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<td>Ormand C. Julian</td>
<td>Professor</td>
<td>ZAY $4,050</td>
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**Surgery**

<table>
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<tr>
<td>Joseph H. Kiefer</td>
<td>Professor of Urology</td>
<td>AY $5,500</td>
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<tr>
<td>Ernst Trier Morch</td>
<td>Clinical Professor of Anesthesiology</td>
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<td>Axel G. Anderson</td>
<td>Clinical Professor</td>
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<td>Reuben C. Balagot</td>
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<td>J. T. Reynolds</td>
<td>Clinical Professor</td>
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<td>Max S. Sadove</td>
<td>Professor of Anesthesiology</td>
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<tr>
<td>Danely P. Slaughter</td>
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<td>Geza de Takats</td>
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<td>Willard Van Hazel</td>
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<td>Thomas K. Barber</td>
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<td>Tilden C. Everson</td>
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<td>William J. Grove</td>
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<td>Daniel M. Laskin</td>
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<td>Gerald O. McDonald</td>
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<td>Irwin B. Robinson</td>
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<td>ZAY $1,650</td>
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<td>John H. Schneewind</td>
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<tr>
<td>Robert A. Atterbury</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>John W. Curtin</td>
<td>Clinical Assistant Professor</td>
<td>ZBY $3,618</td>
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<tr>
<td>Edson F. Fowler</td>
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<td>George D. Kaiser</td>
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<tr>
<td>Keith Medley</td>
<td>Assistant Professor of Anesthesiology</td>
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<td>Lawrence Peterson</td>
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<td>Elaine A. Stuebner</td>
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<td>Mustafa Kemal Yon</td>
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<td>Clinical Assistant Professor</td>
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<td>0.35 Full Time Equivalent Assistants</td>
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**Nonacademic Salaries**

| Total, Salaries             | (223,008)                    |
| Wages                       | 3,500                        |
| Expense                     | 20,000                       |
| Equipment                   | 2,500                        |

| Total, Wages, Expense, and Equipment | (26,000) |
| Total, Surgery               | $249,008 |

### Cooperative Investigations

**TRUST — AMERICAN CANCER SOCIETY — TISSUE CULTURE**

**Account Number 50-57-04**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Paul Y. Chan</td>
<td>Instructor</td>
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**TRUST — U.S. PUBLIC HEALTH SERVICE HT300C10**

**Account Number 55-15-24**

<table>
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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Ormand C. Julian</td>
<td>Professor</td>
<td>ZAY $4,370</td>
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</table>
Trust — U.S. Public Health Service CT630C11 —
Cancer Training
Account Number 55-65-16
1. James D. Majarakis, Clinical Assistant Professor...... DY40 $ 3 000

Trust — U.S. Public Health Service 3045C2
Account Number 55-65-42
1. Belio M. Lopez, Assistant Professor................. DY80 $ 6 900

Trust — U.S. Public Health Service 3157C3
Account Number 55-65-48
1. Steven G. Economou, Assistant Professor........... DY50 $ 4 000
2. Rudolph G. Mrazek, Assistant Professor........... DY50 $ 5 000
Total, Trust — U.S. Public Health Service 3157C3 $ 9 000

Trust — U.S. Public Health Service CY3482C2
Account Number 55-65-52
1. Frederic de Peyster, Clinical Associate Professor... DLY33 $ 3 100

Trust — U.S. Public Health Service CY3551C2
Account Number 55-65-57
1. Francis W. Strehl, Instructor....................... DY50 $ 3 000

College of Dentistry

General

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tr>
<td>Administration</td>
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<td>$ 15 993</td>
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<tr>
<td>Postgraduate Studies</td>
<td>16 335</td>
<td>2 770</td>
<td>19 105</td>
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<tr>
<td>Admitting Clinic</td>
<td>43 105</td>
<td>1 650</td>
<td>44 755</td>
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<tr>
<td>Applied Materia Medica and Therapeutics</td>
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<td>4 650</td>
<td>116 820</td>
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<td>Crowns and Fixed Partial Dentures</td>
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<td>3 035</td>
<td>67 445</td>
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<td>Dental Clinics</td>
<td>40 470</td>
<td>48 302</td>
<td>88 772</td>
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<td>Full and Removable Partial Dentures</td>
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<td>4 180</td>
<td>74 900</td>
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<td>Histology</td>
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<td>100 380</td>
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<tr>
<td>Operative Dentistry</td>
<td>80 420</td>
<td>2 300</td>
<td>82 720</td>
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<tr>
<td>Oral and Maxillofacial Surgery</td>
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<td>4 950</td>
<td>67 710</td>
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<td>Oral Pathology</td>
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<td>5 000</td>
<td>51 145</td>
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<td>Pedodontics</td>
<td>61 550</td>
<td>5 450</td>
<td>67 000</td>
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<td>Radiology</td>
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<td>8 980</td>
<td>53 807</td>
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Total, General $ 844 132 $ 123 310 $ 967 442

Restricted

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<td>$ 20 000</td>
<td>$ 50 000</td>
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Organized Research

| Estimated Indirect Costs                        | 4 000 | 4 000 |
| Estimated Private Gifts                         | 15 000 | 15 000 |
| Estimated U.S. Contracts                        | 90 000 | 70 000 |

Total, Organized Research (105 000) (89 000) (194 000)

Extension and Public Services

| Postgraduate Extension Revolving                | 2 600 | 2 600 |

Total, Restricted $135 000 $111 600 $246 600

Administration

Account Number 05-15-01
1. Isaac Schour, Dean.................................. ZBY $ 8 600
(Total Salary) (21 500)
2. Edward J. Forrest, Associate Dean.............. ZBY90 $ 14 940
(Total Salary) (16 600)
3. Nell S. Talbot, Assistant to Dean and Professor of Medical and Dental History, Emerita, ................. R
4. F. B. Noyes, Dean and Professor of Orthodontics, Emeritus .......................................................... RA
5. James L. Frank, Instructor ................................... ZDY50
   (Total Salary) ................................................. 3 750
6. Gunther J. Kazalla, Instructor in Dentistry ............. DY50
   Nonacademic Salaries .............................................. 3 500
   Total, Salaries .................................................. 7 250
   Wages ............................................................... 800
   Expense ........................................................... 4 325
   Contingent ....................................................... 7 243
   Convention Travel ............................................... 1 900
   Equipment ........................................................ 1 725
   Total, Wages, Expense, and Equipment ....................... (15 993)
   Total, Administration ........................................... $ 69 553

Cooperative Investigations
TRUST — KELLOGG FOUNDATION
Account Number 50-58-20
1. Dennis Barber, Instructor in Operative Dentistry .... ZDY45
   (Total Salary) .................................................. $ 3 500
2. James L. Frank, Instructor in Dentistry ............... ZDY50
   (Total Salary) .................................................. 3 750
3. Nicholas Simios, Instructor in Operative Dentistry .. DY50
   4. Joseph Stachniak, Instructor in Crowns and Fixed
      Partial Dentures .............................................. ZDY50
      Total, Trust — Kellogg Foundation ....................... $ 14 250

TRUST — U.S. PUBLIC HEALTH SERVICE D12C2
Account Number 55-73-07
1. Maury Massler, Professor and Head of Department
   of Pedodontics .................................................. ZAY20
   (Total Salary) .................................................. $ 3 400
2. Daniel M. Laskin, Professor of Oral Surgery ......... ZAY15
   (Total Salary) .................................................. 1 870
   Total, Trust — U.S. Public Health Service D12C2 ................ $ 5 270

Postgraduate Studies
Account Number 05-15-07
1. Coordinator of Postgraduate Extension ................. BY25
   (Total Salary) .................................................. $ 2 300
2. Robert G. Kesel, Lecturer ................................. ZDY
   (Total Salary) .................................................. 2 250
3. W. H. Kubacki, Lecturer .................................. ZDY
   (Total Salary) .................................................. 2 220
4. Maury Massler, Lecturer .................................. ZDY
   (Total Salary) .................................................. 4 500
5. Joseph P. Weinmann, Lecturer ............................ ZDY
   (Total Salary) .................................................. 4 750
6. Thomas K. Barber, Lecturer .............................. ZDY
   (Total Salary) .................................................. 2 250
7. Samson S. Flores, Assistant Professor ................. ZBY25
   Nonacademic Salaries .......................................... 1 000
   Total, Salaries .................................................. 16 335
   Honorarium for Special Teaching .......................... $ 2 250
   Wages ............................................................... 50
   Expense ........................................................... 1 220
   Equipment ........................................................ 500
   Total, Wages, Expense, and Equipment ..................... (2 770)
   Total, Postgraduate Studies ................................. $ 19 105
### Postgraduate Extension Revolving

Account Number 07-15-97

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<td>Expense</td>
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*Total, Postgraduate Extension Revolving:* $200

### Admitting Clinic

Account Number 05-15-10

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<td>Expense</td>
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*Total, Wages, Expense, and Equipment:* $17,900

*Total, Admitting Clinic:* $18,100

### Applied Materia Medica and Therapeutics

Account Number 05-15-15

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*Total, Applied Materia Medica and Therapeutics:* $26,650

### Crowns and Fixed Partial Dentures

Account Number 05-15-20

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<th>Item</th>
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<td>Expense</td>
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<td>Equipment</td>
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*Total, Crowns and Fixed Partial Dentures:* $29,450
Nonacademic Salaries .......................................................... 9 210
Total, Salaries ........................................................................ (64 430)
Wages .................................................................................... 1 085
Expense ................................................................................... 1 750
Equipment ................................................................................ 200
Total, Wages, Expense, and Equipment .................................... (3 035)
Total, Wages, Expense, and Equipment .................................... (3 035)

Dental Clinics

Account Number 05-15-25
1. W. H. Kubacki, Director .................................................. ZBY
   Nonacademic Salaries .......................................................... 40 470
   Total, Salaries ........................................................................ (40 470)
   Wages .................................................................................... 1 000
   Expense, Dental Clinics ..................................................... 11 127
   Expense, Full and Removable Partial Dentures ................. 11 625
   Expense, Crowns and Fixed Partial Dentures ................. 8 625
   Expense, Operative Dentistry ........................................... 7 825
   Expense, Applied Materia Medica and Therapeutics ....... 3 550
   Equipment, Dental Clinics ................................................ 500
   Equipment, Full and Removable Partial Dentures .......... 400
   Equipment, Crowns and Fixed Partial Dentures .......... 1 000
   Equipment, Operative Dentistry ....................................... 300
   Total, Wages, Expense, and Equipment ......................... 250
   Total, Dental Clinics ......................................................... (48 302)

Full and Removable Partial Dentures

Account Number 05-15-55
1. W. H. Kubacki, Professor and Head of Department ...... ZAY
   (Total Salary) ................................................................ (18 500)
   2. Robert B. Underwood, Associate Professor ............ AY30
   3. Samson S. Flores, Assistant Professor .................. ZBY75
   (Total Salary) ................................................................ (9 000)
   4. Dale M. Lipke, Assistant Professor ....................... BY50
   5. Pedro A. Guevara, Jr., Instructor ......................... ZBY50
   (Total Salary) ................................................................ (7 500)
   6. Allen Rosenberg, Instructor ................................... DY30
   7. William L. Smith, Instructor .................................. DY30
   8. Vincent Urbanek, Instructor ................................. ZBY50
   (Total Salary) ................................................................ (3 500)
   9. Allen Rosenberg, Instructor ................................... DY30
   Nonacademic Salaries .......................................................... 19 140
   Total, Salaries ........................................................................ (79 720)
   Wages .................................................................................... 1 680
   Expense ................................................................................ 2 000
   Equipment ............................................................................. 300
   Total, Wages, Expense, and Equipment ......................... (4 180)
   Total, Full and Removable Partial Dentures ................... $74 900

Histology

Account Number 05-15-60
1. Isaac Schour, Professor and Head of Department .... ZAY
   (Total Salary) ................................................................ (21 500)
   2. E. Lloyd DuBrul, Professor of Oral Anatomy ........ ZAY
   3. James A. Gagnon, Associate Professor of Oral Anat-
   omy ................................................................................... (10 500)
   (Total Salary) ................................................................ (6 300)
   4. Roy Gillette, Associate Professor ....................... AY
   5. Verda E. James, Associate Professor .................. AY
   6. James A. Yaeger, Assistant Professor ................. ZBY55
   (Total Salary) ................................................................ (9 500)
   7. Richard L. Hoffman, Instructor ........................... DY60
   $12 900

(10 500)

(9 500)

(6 300)

(9 500)

(6 300)

(9 500)

(6 300)

(9 500)
Nonacademic Salaries ................................................................. 31,030  
Total, Salaries ................................................................. (94,180)  
Wages, Histology................................................................. 210  
Wages, Oral Anatomy............................................................ 200  
Expense, Histology............................................................... 2,890  
Expense, Oral Anatomy and Comparative Odontology.................... 1,900  
Equipment, Histology............................................................ 800  
Equipment, Oral Anatomy........................................................ 500  
Total, Wages, Expense, and Equipment .................................... (6,200)  
Total, Histology ......................................................................... 100,380  

Cooperative Investigations
TRUST—U.S. PUBLIC HEALTH SERVICE CT633CIT  
Account Number 55-75-36  
1. Eli Olech, Professor of Oral Surgery  
   (Total Salary) ........................................................................ 1,150  
   (Total Salary) ........................................................................ 6,900  
TRUST—U.S. PUBLIC HEALTH SERVICE A3220  
Account Number 55-80-50  
1. James A. Yaeger, Assistant Professor .................................. 4,300  

Operative Dentistry
Account Number 05-15-75  
1. John M. Spence, Professor and Head of Department  
   (Total Salary) ........................................................................ 16,500  
2. Theodore B. Kurtz, Professor ................................................ 13,500  
3. James A. Gagnon, Associate Professor  
   (Total Salary) ........................................................................ 4,200  
4. Margot Ulloa, Associate Professor  
   (Total Salary) ........................................................................ 10,500  
5. Mack C. Tanner, Assistant Professor  
   (Total Salary) ........................................................................ 2,550  
6. Marvin B. Weiss, Assistant Professor  
   (Total Salary) ........................................................................ 8,400  
7. Jerry F. Balaty, Instructor ..................................................... 3,750  
8. Dennis Barber, Instructor ....................................................... 4,000  
   (Total Salary) ........................................................................ 7,500  
9. Jules Berman, Instructor ....................................................... 1,500  
10. Charles F. Hebing, Instructor ............................................... 3,000  
11. Walter A. Sperry, Instructor .................................................. 3,100  
12. William Venema, Instructor ................................................. 2,800  
13. ........................................ Instructor .................................................... 1,350  
Nonacademic Salaries ................................................................. 9,270  
Total, Salaries ........................................................................... (80,420)  
Wages......................................................................................... 300  
Expense ..................................................................................... 700  
Equipment .................................................................................. 300  
Total, Wages, Expense, and Equipment .................................... (2,300)  
Total, Operative Dentistry ......................................................... 82,720  

Oral and Maxillofacial Surgery
Account Number 05-15-80  
1. Axel G. Anderson, Professor and Head of Department  
   (Total Salary) ........................................................................ 16,000  
2. Daniel M. Laskin, Professor ................................................... 5,630  
   (Total Salary) ........................................................................ (7,500)  
3. Eli Olech, Professor and Director of Minor Oral Surgery  
   (Total Salary) ........................................................................ 5,750  
   (Total Salary) ........................................................................ 6,900  
4. Irwin B. Robinson, Associate Professor  
   (Total Salary) ........................................................................ 4,750  
5. Robert A. Atterbury, Assistant Professor  
   (Total Salary) ........................................................................ 370  
6. Elaine A. Stuebner, Assistant Professor of Oral Surgery  
   (Total Salary) ........................................................................ 6,800  
7. Edward B. Stewart, Instructor in Oral Surgery  
   (Total Salary) ........................................................................ 21,060  
Nonacademic Salaries ................................................................. 300  
Wages ......................................................................................... (62,780)
### Oral Pathology

**Account Number 05-15-86**

<table>
<thead>
<tr>
<th>1. Joseph P. Weinmann, Professor and Head of Division</th>
<th>ZAY84</th>
<th>$16,525</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(17,000)</td>
</tr>
<tr>
<td>2. Nicholas G. Grand, Associate Professor</td>
<td>ZAY84</td>
<td>10,080</td>
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<tr>
<td>(Total Salary)</td>
<td></td>
<td>(12,000)</td>
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<tr>
<td>3. Herman Medak, Assistant Professor</td>
<td>BY50</td>
<td>4,500</td>
</tr>
<tr>
<td>4. Stanley Jay Gerson, Instructor</td>
<td>DY50</td>
<td>7,750</td>
</tr>
</tbody>
</table>

**Nonacademic Salaries**

| Total, Salaries                                     |       | (46,145)|

**Wages**

| Total, Wages, Expense, and Equipment                |       | $67,710 |

### Cooperative Investigations

**TRUST — UNIVERSITY OF ILLINOIS FOUNDATION —**

**DENTAL INCOME**

**Account Number 50-58-80**

<table>
<thead>
<tr>
<th>1. Marvin Weiss, Assistant Professor of Operative Dentistry</th>
<th>ZBY30</th>
<th>$2,100</th>
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</thead>
<tbody>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(10,500)</td>
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**TRUST — U.S. PUBLIC HEALTH SERVICE D658C2**

**Account Number 55-80-12**

<table>
<thead>
<tr>
<th>1. Julia Meyer, Assistant Professor</th>
<th>ZBY50</th>
<th>$4,500</th>
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<tbody>
<tr>
<td>(Total Salary)</td>
<td></td>
<td>(9,000)</td>
</tr>
<tr>
<td>2. Amajjit S. Marwah, Instructor</td>
<td>DY50</td>
<td>6,600</td>
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</table>

| Total, Trust — U.S. Public Health Service D658C2      |       | $11,700|

**TRUST — U.S. PUBLIC HEALTH SERVICE C2705C3**

**Account Number 55-80-23**

<table>
<thead>
<tr>
<th>1. Nicholas G. Grand, Associate Professor</th>
<th>ZAY16</th>
<th>$1,920</th>
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<tr>
<td>2. Shu-Yung Wang, Research Associate</td>
<td>DY75</td>
<td>5,940</td>
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</tbody>
</table>

| Total, Trust — U.S. Public Health Service C2705C3    |       | $7,860 |

**TRUST — U.S. PUBLIC HEALTH SERVICE D513C2**

**Account Number 55-80-37**

| 1. Julia Meyer, Assistant Professor                   | ZBY50 | $4,500 |

### Orthodontics

**Account Number 05-15-82**

<table>
<thead>
<tr>
<th>1. A. G. Brodie, Professor and Head of Department</th>
<th>AY60</th>
<th>$12,000</th>
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<tbody>
<tr>
<td>2. Milton B. Engel, Professor</td>
<td>AY50</td>
<td>7,000</td>
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<tr>
<td>3. Edward J. Forrest, Professor</td>
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<td>1,660</td>
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<td>(Total Salary)</td>
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<td>(16,660)</td>
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<tr>
<td>4. Earl W. Renfroe, Professor</td>
<td>AY60</td>
<td>7,800</td>
</tr>
<tr>
<td>5. Samuel Pruzansky, Associate Professor</td>
<td>ZAY11</td>
<td>3,320</td>
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<td>(Total Salary)</td>
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<td>(11,070)</td>
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<tr>
<td>6. Edward Prorok, Assistant Professor</td>
<td>BY30</td>
<td>2,400</td>
</tr>
<tr>
<td>7. George Osterberger, Instructor</td>
<td>DY30</td>
<td>2,400</td>
</tr>
<tr>
<td>8. Bernard Schneider, Instructor</td>
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<td>2,250</td>
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<tr>
<td>9.</td>
<td>DY30</td>
<td>2,100</td>
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**Nonacademic Salaries**

| Total, Salaries                                      |       | (53,480)|

**Wages**

| Total, Salaries                                      |       | 300     |
Expense ................................................................. 9 050
Equipment ................................................................. 500
Total, Wages, Expense, and Equipment ................................ (9 850)
Total, Orthodontics ....................................................... 63 330

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1064A
Account Number 55-48-10
1. Bernard L. Swoiskin, Instructor .................. DY20 $ 1 500

Pedodontics

Account Number 05-15-88
1. Maury Massler, Professor and Head of Department... ZAY80 $ 13 150
   (Total Salary) ...................................................... (17 000)
2. Thomas K. Barber, Associate Professor ........... ZAY 11 250
   (Total Salary) ...................................................... (11 500)
3. Elsie Gerlach, Superintendent of Children's Clinic and
   Associate Professor ............................................. AY 10 000
4. William J. Rogers, Assistant Professor ............ BY30 2 550
5. Marvin Kozlov, Instructor ................................. DY70 5 070
   (Handicapped Children's Center — 20 per cent)
6. Aphrodite Pappas, Instructor ......................... DY20 1 320

Nonacademic Salaries .............................................. 18 210
Total, Salaries ......................................................... 61 550
Expense, Pedodontics ................................................... 2 750
Expense, Children's Clinic .......................................... 1 800
Equipment, Pedodontics .............................................. 600
Equipment, Children's Clinic ........................................ 300
Total, Wages, Expense, and Equipment .................... (5 450)
Total, Pedodontics ...................................................... 67 000

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D1064
Account Number 55-48-10
1. A. M. Lauterstein, Research Associate .......... DY40 $ 3 000

Radiology

Account Number 05-15-90
1. S. H. Yale, Professor and Head of Department .. AY $ 15 500
   (Total Salary) ...................................................... (10 000)
2. Henry Rosenberg, Assistant Professor ............ ZBY40 4 000
   (Total Salary) ....................................................... (10 000)
Nonacademic Salaries ................................................... 25 327
Total, Salaries ......................................................... 44 827
Wages ................................................................. 550
Expense ............................................................... 7 730
Equipment .............................................................. 700
Total, Wages, Expense, and Equipment .................... (8 080)
Total, Radiology ......................................................... 53 807

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE D360
Account Number 55-83-12
1. Seymour L. Gottlieb, Instructor .................. DY50 $ 3 750

TRUST — U.S. PUBLIC HEALTH SERVICE D950C1
Account Number 55-83-26
1. Michael A. Videka, Instructor .................... DY40 $ 3 000

TRUST — U.S. PUBLIC HEALTH SERVICE D973
Account Number 55-83-30
1. Henry Rosenberg, Assistant Professor .......... ZBY60 $ 6 000
2. Pedro A. Guevara, Jr., Instructor in Full and Removable Partial Dentures.................. ZDY10 750
   (Total Salary) ............................................. (7 500)
3. Manuel C. Ceballos, Research Assistant.................. DY 5 600
   Total, Trust - U.S. Public Health Service D973..... 12 350

COLLEGE OF PHARMACY

General

<table>
<thead>
<tr>
<th>Administration and General</th>
<th>Salaries</th>
<th>Expense, and</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration..............</td>
<td>$106 660</td>
<td>$17 440</td>
<td>$124 100</td>
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<tr>
<td>Chemistry....................</td>
<td>155 154</td>
<td>17 000</td>
<td>172 154</td>
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<tr>
<td>Pharmacognosy and Pharmacology</td>
<td>116 926</td>
<td>14 500</td>
<td>131 426</td>
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<tr>
<td>Pharmacy......................</td>
<td>106 210</td>
<td>9 500</td>
<td>115 710</td>
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<tr>
<td><strong>Total, General</strong>...........</td>
<td>$484 930</td>
<td>$58 440</td>
<td>$543 370</td>
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Restricted

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<tr>
<th>Organised Research</th>
<th>Salaries</th>
<th>Expense, and</th>
<th>Total</th>
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<tr>
<td>Estimated Private Gifts</td>
<td>$2 000</td>
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<td>Estimated U.S. Contracts</td>
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<td>12 000</td>
<td>12 000</td>
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<td><strong>Total, Restricted</strong></td>
<td>$12 000</td>
<td>$14 000</td>
<td>$14 000</td>
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Administration

Account Number 05-18-05

1. George L. Webster, Dean, Professor of Chemistry........... BY $18 500
2. Conrad A. Blomquist, Assistant Dean .................. AY 5 650
   (Total Salary) ............................................. (11 300)
3. Bernard H. Gold, Assistant Professor of Sociology and Psychology .................. B60 5 300
4. Donald M. Martin, Assistant Professor of English...... B 7 600
5. Martin M. Rosner, Assistant Professor of Pharmacy Administration .................. B 7 600
6. Robert B. Scott, Assistant Professor of Pharmacy Administration .................. B50 4 100
7. Samuel Shkolnik, Lecturer in Pharmaceutical Jurisprudence .................. D50 1 600
8. Paul A. Oostmeyer, Instructor in English.................. D 5 200
9. 7.00 Full Time Equivalent Assistants .................. E 26 600
Nonacademic Salaries .............. 24 510
**Total, Salaries** .......................... (106 660)

Wages, Expense, General .......................... 540
Contingency .................. 14 100
Convention Travel .............. 1 500
**Total, Wages, Expense, and Equipment** .......................... (17 440)
**Total, Administration** .......................... $124 100

Chemistry

Account Number 05-18-10

1. James E. Gearien, Professor and Head of Department AY $15 000
2. Ernst R. Kirch, Professor, AY 12 000
3. Madeleine Barnothy, Associate Professor of Physics.. A 9 200
4. Charles W. Clarke, Associate Professor .................. A 9 400
5. Ralph Daniels, Associate Professor .................. A 9 900
6. Norman R. Joseph, Associate Professor .................. A 8 400
7. Alfred J. Perkins, Associate Professor .................. A 10 200
8. Ludwig Bauer, Assistant Professor .................. B 8 600
9. Charles L. Bell, Assistant Professor .................. B 7 400
10. Dominick Coviello, Assistant Professor .................. B 7 400
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<tr>
<th>Account Number</th>
<th>Position</th>
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<td>05-18-15</td>
<td>Ralph F. Voigt, Director of Drug and Horticultural Experiment Station and Professor and Head of Department</td>
<td>$15,000</td>
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<tr>
<td>05-18-15</td>
<td>P. D. Carpenter, Associate Professor of Zoology</td>
<td>$8,600</td>
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<tr>
<td>05-18-15</td>
<td>Charles A. Reed, Associate Professor of Zoology</td>
<td>$8,200</td>
</tr>
<tr>
<td>05-18-15</td>
<td>Conrad A. Blomquist, Assistant Professor of Zoology</td>
<td>$5,650</td>
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<tr>
<td>05-18-15</td>
<td>Allan M. Burkman, Assistant Professor of Pharmacognosy and Pharmacology</td>
<td>$8,200</td>
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<tr>
<td>05-18-15</td>
<td>Frank A. Crane, Assistant Professor of Pharmacognosy and Pharmacology</td>
<td>$9,700</td>
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<tr>
<td>05-18-15</td>
<td>Bernard Greenberg, Assistant Professor of Zoology</td>
<td>$7,600</td>
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<tr>
<td>05-18-15</td>
<td>Ralph W. Morris, Assistant Professor of Pharmacognosy and Pharmacology</td>
<td>$9,600</td>
</tr>
<tr>
<td>05-18-15</td>
<td>Katsuyuki Yokoyama, Assistant Professor of Pharmacognosy and Pharmacology</td>
<td>$7,000</td>
</tr>
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<td>05-18-15</td>
<td>Aurelia M. Aro, Instructor in Pharmacognosy and Pharmacology</td>
<td>$5,200</td>
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<tr>
<td>05-18-15</td>
<td>S. J. Smolenski, Instructor in Pharmacognosy and Pharmacology</td>
<td>$5,800</td>
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<tr>
<td>05-18-15</td>
<td>Bernard Ecanow, Assistant Professor of Pharmacognosy and Pharmacology</td>
<td>$3,800</td>
</tr>
<tr>
<td>05-18-20</td>
<td>Dwight L. Deardorff, Professor of Manufacturing Pharmacy</td>
<td>$15,000</td>
</tr>
<tr>
<td>05-18-20</td>
<td>Ralph E. Terry, Professor, Emeritus of Manufacturing Pharmacy</td>
<td>$11,800</td>
</tr>
<tr>
<td>05-18-20</td>
<td>Herbert M. Emig, Associate Professor of Manufacturing Pharmacy</td>
<td>$13,000</td>
</tr>
<tr>
<td>05-18-20</td>
<td>Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy</td>
<td>$9,600</td>
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<tr>
<td>05-18-20</td>
<td>Bernard Ecanow, Assistant Professor of Manufacturing Pharmacy</td>
<td>$2,550</td>
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<td>05-18-20</td>
<td>Frederick Siegel, Assistant Professor of Manufacturing Pharmacy</td>
<td>$8,200</td>
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<tr>
<td>05-18-20</td>
<td>Stanley V. Susina, Assistant Professor of Manufacturing Pharmacy</td>
<td>$8,600</td>
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<tr>
<td>05-18-20</td>
<td>Helena Suen Fu, Instructor in Manufacturing Pharmacy</td>
<td>$5,100</td>
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<tr>
<td>05-18-20</td>
<td>Geraldine A. Martin, Assistant Professor of Manufacturing Pharmacy</td>
<td>$3,800</td>
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<tr>
<td>05-18-20</td>
<td>Daniel A. Nona, Assistant Professor of Manufacturing Pharmacy</td>
<td>$3,800</td>
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<tr>
<td>05-18-20</td>
<td>Nonacademic Salaries</td>
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<td>Total, Salaries</td>
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<tr>
<td>05-18-20</td>
<td>Expense, General</td>
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<tr>
<td>05-18-20</td>
<td>Total, Wages, Expense, and Equipment</td>
<td>$131,426</td>
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</table>
Stores — Hospital Pharmacy

Account Number 15-05-25

1. W. R. Collins, Chief Pharmacist and Instructor .......... DY $10 800
2. Ronald P. Betz, Assistant Chief Pharmacist ............ DY 7 000
3. Zinnia Cicenas, Assistant Chief Pharmacist ............ DY 7 000
4. Vernita Williams, Assistant Chief Pharmacist .......... DY 7 700
5. Jean M. Dunbar, Assistant Professor of Manufacturing Pharmacy ........................................ ZBY70 5 950
(Salary Total) ........................................ (8 500)
6. Angel Arambulo, Registered Pharmacist in Manufacturing Pharmacy .................................... DY75 4 800
7. Wilbert Billinger, Registered Pharmacist ................ DY 5 600
8. Lorraine Gribbens, Registered Pharmacist .......... DY 6 000
(On leave without pay)
9. William F. Lau, Registered Pharmacist ................... DY 6 500
10. Eleanor A. Runik, Registered Pharmacist ............... DY 6 500
11. Sheila Sarnat, Registered Pharmacist .................... DY 6 500
12. Casimer Wieczorek, Registered Pharmacist ............ DY 6 500
13. Silas S. Wood, Registered Pharmacist ................... DY 6 500
14. Frank T. Zaboretsky, Registered Pharmacist ............ DY 6 600
15. Beatriz Werwath, Research Assistant .................... DY 6 500
16. Alfred J. Lescher, Pharmacy Resident ................. DY50 1 500
(Perquisites University — room and board)
17. Donald W. Vangor, Pharmacy Resident .................. DY60 1 800
(Perquisites University — room and board)

Total, Stores — Hospital Pharmacy ................................ $102 750

Stores — Illinois Eye and Ear Infirmary Pharmacy

Account Number 15-05-28

1. John D. Breen, Registered Pharmacist ................. DY $6 500
2. Nancy Eisenbart, Registered Pharmacist in charge of Hospital Pharmacy .......... DY 7 000

Total, Stores — Illinois Eye and Ear Infirmary Pharmacy ......................... $13 500

GRADUATE COLLEGE

General

<table>
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<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td>Administration</td>
<td>$7 830</td>
<td>$1 000</td>
<td>$8 830</td>
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</tbody>
</table>

Organized Research

| Special Graduate Research | 20 000 | 20 000 |

Student Aid

| Fellowships | 20 000 | 20 000 |

Total, General ........................................ $7 830 $41 000 $48 830

Restricted

<table>
<thead>
<tr>
<th>Organized Research</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Estimated Indirect Costs</td>
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<td>$30 000</td>
<td>$40 000</td>
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Total, Restricted .................................... $10 000 $30 000 $40 000

Administration

Account Number 05-19-05

1. Milan V. Novak, Associate Dean ..................... ZDY10 $1 950
(Total Salary) ........................................ (19 500)

Nonacademic Salaries ..................................... 5 880

Total, Salaries ........................................ (7 830)

Wages ...................................................... 100

Expense ................................................... 900

Total, Wages, Expense, and Equipment .......................... $8 830

Total, Administration .................................. $8 830
Special Graduate Research

Account Number 05-19-25
Expense ................................................. $ 20,000

Total, Special Graduate Research .................................. $ 20,000

Fellowships

Account Number 05-19-50
Stipends of Fellows .................................................. $ 20,000

Total, Graduate Fellowships ......................................... $ 20,000

COLLEGE OF NURSING

Account Number 05-21-05
1. Emily C. Cardew, Dean .............................................. BY
   Associate Professor .................................................... A
   Mary Sue Evitts, Associate Professor .......................... AY
2. Arlene S. Krieger, Associate Professor .......................... A
3. Edna L. Anderson, Assistant Professor ......................... BY
4. Zena S. Blau, Assistant Professor ................................. B
5. Rachel Bliss, Assistant Professor ................................. ZBY10
   (Total Salary) .................................................... (8,500)
6. Helen C. Dunn, Assistant Professor ............................... ZBY
7. Alice Marcella Fay, Assistant Professor .......................... BY
8. Alberta Fuller, Assistant Professor ............................... B
9. Lillian G. Oertel, Assistant Professor ......................... BY
10. Wilma J. Phipps, Assistant Professor .......................... BY
   (Total Salary) ................................................... (8,500)
12. Helen O. Ackert, Instructor ........................................ DY
13. Anna J. Franzen, Instructor ....................................... D
14. Harriet B. Koch, Instructor ....................................... D60
15. Doris Molbo, Instructor ........................................... DY
16. Jane K. Niles, Instructor ........................................... DY
17. Jane C. Sherratt, Instructor ....................................... DY
18. Anne A. Stachniak, Instructor ..................................... DY
19. Aline O. Young, Instructor ......................................... DY
20. Mildred M. Perlia, Assistant ..................................... DY
21. Janet C. Stilliman, Assistant ..................................... DY
22. Helen W. Dunn, Assistant Professor ............................... ZBY
   (Total Salary) ................................................... (8,500)
   Nonacademic Salaries ............................................... 17,880
   Total, Salaries .................................................. (104,090)
   Wages ............................................................... 1,000
   Expense ............................................................ 12,365
   Travel .............................................................. 3,290
   Equipment .......................................................... 1,200
   Total, Wages, Expense, and Equipment .......................... (15,663)
   Total, College of Nursing .......................................... $179,093

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE 2M6434C2
Account Number 55-91-12
1. Rachel Bliss, Assistant Professor ................................. ZBY90 $ 7,200

BROADCASTING

Account Number 05-22-05
Nonacademic Salaries .................................................. $ 19,710
   Total, Salaries .................................................. (19,710)
   Wages ............................................................... 100
   Expense ............................................................ 2,900
   Equipment .......................................................... 300
   Total, Wages, Expense, and Equipment .......................... (3,300)
   Total, Broadcasting ................................................ $ 23,040
## DIVISION OF SERVICES FOR CRIPPLED CHILDREN

### General

<table>
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<tr>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
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<td>$350,800</td>
<td>$1,319,220</td>
<td>$1,670,020</td>
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<td><strong>Total, General</strong></td>
<td><strong>$350,800</strong></td>
<td><strong>$1,319,220</strong></td>
<td><strong>$1,670,020</strong></td>
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### Restricted

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<th>Wages, Expense, and Equipment</th>
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<tbody>
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<td>$247,405</td>
<td>$558,500</td>
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<tr>
<td>Estimated Private Gifts</td>
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<td></td>
<td></td>
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<td><strong>Total, Restricted</strong></td>
<td><strong>$311,095</strong></td>
<td><strong>$247,405</strong></td>
<td><strong>$558,500</strong></td>
</tr>
</tbody>
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### State

Account Number 05-23-05

1. Edward F. Lis, Director. ZBY $18,000
2. Nonacademic Salaries, General. 307,020
3. Nonacademic Salaries, Business Office. 25,780
4. Total, Salaries. (350,800)
5. Wages. 2,200
6. Expense. 1,313,020
7. Equipment. 4,000
8. Total, Wages, Expense, and Equipment. (1,319,220)
9. Total, State. $1,670,020

### Federal

Account Number 53-23-05

1. John W. Brown, Assistant Professor. DY $14,000
2. Samuel Pruzansky, Associate Director and Orthopaedic Dentist in the Cleft Palate. ZDY75 9,750
3. Emanuel M. Skolnik, Otolaryngologist. ZDY20 2,000
4. John W. Curtin, Plastic Surgeon. ZDY30 2,400
5. Charles R. Elliott, Speech Pathologist. ZBY 8,000
6. Constance Fraser, Assistant Professor. ZBY50 3,700
7. Luis Trevino, Pediatrician. ZBY40 3,150
8. Total, Salaries. (311,095)
9. Wages. 2,000
10. Expense. 247,405
11. Equipment. 3,000
12. Total, Wages, Expense, and Equipment. (247,405)
13. Total, Federal. $558,500

## PHYSICAL EDUCATION

### Physical Education for Men

Account Number 05-24-05

1. John W. Brown, Assistant Professor. BY $8,750
2. Nonacademic Salaries. (13,550)
3. Total, Salaries. (13,550)
4. Wages. 1,700
5. Expense. 2,405
6. Equipment. 3,50
7. Total, Wages, Expense, and Equipment. (4,200)
8. Total, Physical Education for Men. $17,750
BOARD OF TRUSTEES

AEROMEDICAL LABORATORY

Account Number 05-25-05

1. John P. Marbarger, Director ......................... ZBY $17,000
2. Sabath F. Marotta, Assistant Director .......... ZBY $8,800
3. Biophysicist ................................... BY $13,200
4. Eugene Robbins, Research Assistant .......... DY $5,200

Nonacademic Salaries ............................................. $32,303
Total, Salaries ..................................................... $56,563
Wages ................................................................. $2,000
Expense, General ................................................... $12,650
Expense, Electron Microscope .............................. $1,900
Equipment ......................................................... $2,250
Total, Wages, Expense, and Equipment ................. $18,800
Total, Aeromedical Laboratory ......................... $95,363

INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

1. Sol Roy Rosenthal, Director ......................... ZBY70 $11,700
2. Research Associate ..................................... DY $7,500
3. Alonzo Kenniebrew, Research Assistant .......... DY $5,340

Nonacademic Salaries ............................................. $31,935
Total, Salaries ..................................................... $56,475
Wages ................................................................. $1,200
Expense ............................................................... $13,753
Equipment ......................................................... $300
Total, Wages, Expense, and Equipment ................. $14,673
Total, Institution for Tuberculosis Research ....... $71,150

RESEARCH AND EDUCATIONAL HOSPITALS

General

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<tr>
<th>Organized Activities Relating to Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<td>Administration ......................................</td>
<td>$150,200</td>
<td>$61,750</td>
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<tr>
<td>Admissions ..........................................</td>
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<td>Anesthesiology ......................................</td>
<td>13,840</td>
<td>45,500</td>
<td>59,340</td>
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<tr>
<td>Central Supply ......................................</td>
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<td>73,000</td>
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<tr>
<td>Clinics ..............................................</td>
<td>284,780</td>
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<td>Dietetics ...........................................</td>
<td>112,090</td>
<td>635,748</td>
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<td>Pathology ............................................</td>
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<td>385,840</td>
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<td>Radiology ............................................</td>
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Total, General ............................................ $3,222,866 $2,893,530 $6,116,396

Restricted

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<tr>
<td>Blood Bank Revolving .............................</td>
<td>$72,000</td>
<td>$72,000</td>
<td>$72,000</td>
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<td>Brace Shop Revolving ............................</td>
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<td>111,169</td>
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<td>Department</td>
<td>Salaries</td>
<td>Wages, Expense, and Equipment</td>
<td>Total</td>
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**Administration**

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<tr>
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<tbody>
<tr>
<td>1. Donald J. Caseley, Medical Director</td>
<td>ZBY</td>
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<tr>
<td>2. Myron C. Benford, Associate Medical Director</td>
<td>ZDY</td>
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</tr>
<tr>
<td>3. Harry G. Higgins, Administrator</td>
<td>DY</td>
<td>$13,750</td>
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<tr>
<td>4. J. E. Millizen, Administrator, Emeritus</td>
<td>R</td>
<td></td>
</tr>
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</table>

Nonacademic Salaries               | 112,450 |
Total, Salaries                     | (150,200) |
Wages                                | 11,450  |
Expense                              | 16,200  |
Malpractice Insurance                | 4,500   |
Convention Travel                    | 600     |
Equipment                            | 4,000   |
Contingent                           | 25,000  |
Total, Wages, Expense, and Equipment | (61,750) |
Total, Administration                | $211,950 |

**Admissions**

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<th>Account Number 05-27-10</th>
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<tbody>
<tr>
<td>1. Myron C. Benford, Director</td>
<td>ZBY</td>
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</table>

Nonacademic Salaries               | $64,920 |
Total, Salaries                     | (64,920) |
Wages                                | 5,000   |
Expense                              | 5,200   |
Equipment                            | 500     |
Total, Wages, Expense, and Equipment | (10,700) |
Total, Admissions                    | $75,620 |

**Anesthesiology**

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<th>Account Number 05-27-12</th>
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<tr>
<td>1. Warren H. Cole, Surgeon-in-Chief</td>
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<tr>
<td>2. Max S. Sadove, Head of Anesthesiology</td>
<td>ZAY</td>
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</tr>
<tr>
<td>3. Reuben C. Balagot, Assistant Head of Anesthesiology</td>
<td>ZAY</td>
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</table>

Nonacademic Salaries               | $13,840 |
Total, Salaries                     | (13,840) |
Wages                                | 2,000   |
Expense                              | 41,500  |
Equipment                            | 2,000   |
Total, Wages, Expense, and Equipment | (45,500) |
Total, Anesthesiology                | $59,340 |

**Central Supply**

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<tr>
<td>Total, Salaries</td>
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</tr>
<tr>
<td>Wages</td>
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<tr>
<td>Expense</td>
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<td></td>
</tr>
<tr>
<td>Equipment</td>
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<td>Total, Wages, Expense, and Equipment</td>
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**Clinics**

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<tr>
<td>1. Myron C. Benford, Director</td>
<td>ZDY67</td>
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<tr>
<td>2. Danely P. Slaughter, Director of Tumor Clinic</td>
<td>ZAY</td>
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</table>
3. Edward F. Lis, Director of Center for Handicapped Children ........................................... ZAY
4. Retta E. Bales, Assistant Director ......................................................................................... DY 8,450
5. Thomas K. Barber, Clinical Associate Professor of Surgery .............................................. ZAY

Nonacademic Salaries

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<tr>
<td>Wages Center for Handicapped Children</td>
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<td>Expense Center for Handicapped Children</td>
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<td>Equipment</td>
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Dietetics

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<td><strong>Total, Salaries</strong></td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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Emergency Service

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<td>Expense</td>
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<tr>
<td>Equipment</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Emergency Service</strong></td>
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House Staff

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<tr>
<td>Chief Resident</td>
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<tr>
<td>(Perquisites Employee - board)</td>
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<tr>
<td>Wages, Hospital</td>
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<tr>
<td>39 First-Year Residents</td>
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<td>(Perquisites Employee - board)</td>
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<tr>
<td>26 Second-Year Residents</td>
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<td>(Perquisites Employee - board)</td>
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<td>19 Third-Year Residents</td>
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<td>(Perquisites Employee - board)</td>
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<td>9 Fourth-Year Residents</td>
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<td>(Perquisites Employee - board)</td>
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<td>38 Interns</td>
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<td>(Perquisites University - room and board)</td>
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<tr>
<td>Wages, Illinois Eye and Ear Infirmary</td>
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<td>12 First-Year Residents</td>
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### Laboratory

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<th>Assistant Director</th>
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<th>Expense</th>
<th>Equipment</th>
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<th>Total, Laboratory</th>
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### Blood Bank Revolving

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<th>Expense</th>
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### Medical Records

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<th>Expense</th>
<th>Equipment</th>
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### Medicine

<table>
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<th>Expense</th>
<th>Equipment</th>
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<th>Total, Medicine</th>
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### Nursing

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<th>Nonacademic Salaries, General</th>
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<th>Wages, Illinois Eye and Ear Infirmary</th>
<th>Wages, Neuropsychiatric Institute</th>
<th>Equipment</th>
<th>Total, Wages, Expense, and Equipment</th>
<th>Total, General</th>
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<td>Helen W. Dunn</td>
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### Nurses' Residence

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<td>Account Number</td>
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<td>Total, Wages, Expense, and Equipment</td>
</tr>
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<td>-----------------------------------------------------------------------------</td>
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<td>-------------------------------------</td>
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<td>Operating and Recovery Rooms</td>
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<td>07-27-15</td>
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<td>05-27-60</td>
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</tr>
<tr>
<td>07-27-05</td>
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<tr>
<td>05-27-65</td>
<td>Pathology</td>
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<tr>
<td>05-27-70</td>
<td>Patient Drugs</td>
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Physical Medicine and Rehabilitation

Account Number 05-27-75
1. David I. Abramson, Chief.................................................. ZAY
2. Clara J. Fleischer, Assistant Chief...................................... ZBY
Nonacademic Salaries .........................................................
Total, Salaries ...................................................................... $ 88,560
Wages ................................................................................. 1,800
Expense .............................................................................. 6,044
Equipment ............................................................................ 3,500
Total, Wages, Expense, and Equipment......................... (11,344)
Total, Physical Medicine and Rehabilitation....................... $ 99,904

Radiology

Account Number 05-27-80
1. Roger A. Harvey, Radiologist-in-Chief.................................... ZAY
2. T. J. Wachowski, Associate Radiologist................................. ZAY
3. David J. Lochman, Associate Radiologist............................... ZAY
4. Arthur S. Petersen, Associate Radiologist.............................. ZAY
5. Bernard Baker, Assistant Radiologist.................................... ZBY
6. Edwin J. Liebner, Assistant Radiologist............................... ZBY
7. Myron Melamed, Assistant Radiologist................................. ZBY
8. Anton M. Pantone, Assistant Radiologist.............................. ZBY
Nonacademic Salaries ......................................................... $137,814
Total, Salaries ................................................................... (137,814)
Wages ............................................................................... 32,396
Expense ............................................................................... 106,000
Equipment ............................................................................ 6,000
Total, Wages, Expense, and Equipment............................. (144,396)
Total, Radiology ................................................................ $282,216

Respiratory Center Revolving

Account Number 07-27-25
1. Mark H. Lepper, Consulting Director.................................... ZAY
2. George A. Saxton, Director of Research with rank of Associate Professor ............................................... ZDY
Nonacademic Salaries ......................................................... $ 72,864
Total, Salaries ................................................................... (72,864)
Wages .................................................................................. 37,195
Wages, Res. Dent. Os. Cl. ...................................................... 1,200
Total, Wages, Expense, and Equipment............................. (38,305)
Total, Respiratory Center Revolving .................................... $111,169

Ward Equipment

Account Number 05-27-90
Expense ............................................................................... $ 14,000
Equipment ............................................................................ 25,000
Total, Ward Equipment ........................................................ $ 39,000

LIBRARY

Account Number 05-33-05
1. Wilma Troxel, Librarian....................................................... BY
   Professor of Library Administration........................................ AY
   $ 11,500
2. Lorena Clarke, Catalog Librarian with rank of Assistant Professor ...................................................... BY
   8,600
3. Clara L. Meckel, Circulation and Reference Librarian with rank of Assistant Professor.......................... BY
   7,350
4. Margaret M. Bates, Assistant Librarian, Emerita................ R
5. Mary J. Campbell, Acquisitions Librarian with rank of Assistant Professor............................................ BY
   7,600
6. Charles Z. Hughes, Serials Librarian with rank of Instructor................................................................. DY
   7,050
7. Martha Kona, Cataloger with rank of Instructor....................................................................................... DY
   5,750
PHYSICAL PLANT

<table>
<thead>
<tr>
<th>General</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td>$119,338</td>
<td>$24,930</td>
</tr>
<tr>
<td>Building Operation</td>
<td>33,730</td>
<td>618,085</td>
</tr>
<tr>
<td>Police and Watchmen</td>
<td>9,000</td>
<td>127,634</td>
</tr>
<tr>
<td>Building Maintenance</td>
<td>69,814</td>
<td>552,920</td>
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<tr>
<td>Grounds Maintenance</td>
<td>8,200</td>
<td>69,787</td>
</tr>
<tr>
<td>Heat, Light, and Power</td>
<td>9,090</td>
<td>763,892</td>
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<tr>
<td>Union Building</td>
<td></td>
<td>15,590</td>
</tr>
<tr>
<td>Medical Center Steam Plant</td>
<td></td>
<td>458,077</td>
</tr>
<tr>
<td><strong>Total, General</strong></td>
<td><strong>$249,172</strong></td>
<td><strong>$2,630,915</strong></td>
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Restricted

<table>
<thead>
<tr>
<th>Auxiliary Enterprises</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago Union Building Operation</td>
<td>$12,076</td>
<td>$14,624</td>
</tr>
<tr>
<td>Illini Union Food Service</td>
<td>13,726</td>
<td>168,058</td>
</tr>
<tr>
<td>Tenant Properties</td>
<td>9,000</td>
<td>12,251</td>
</tr>
<tr>
<td>Hospital Addition Snack Bar</td>
<td>2,910</td>
<td>87,808</td>
</tr>
<tr>
<td>Trust, Staff Apartments</td>
<td>33,230</td>
<td>157,149</td>
</tr>
<tr>
<td>Trust, Student Residence Hall</td>
<td>18,579</td>
<td>157,146</td>
</tr>
<tr>
<td>Trust, Tenant Properties</td>
<td>15,590</td>
<td>458,077</td>
</tr>
<tr>
<td><strong>Total, Auxiliary Enterprises</strong></td>
<td><strong>(61,942)</strong></td>
<td><strong>(865,764)</strong></td>
</tr>
</tbody>
</table>

| Trust, Second Unit of Dentistry-Medicine-Pharmacy Building | 259,000 |
| **Total, Restricted** | **$61,942** | **$1,24,764** | **$1,306,706** |

Administration

<table>
<thead>
<tr>
<th>Account Number 05-36-02</th>
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<tbody>
<tr>
<td>I. H. W. Pearce, Associate Director</td>
<td>$16,000</td>
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<tr>
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<td>$103,338</td>
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<td><strong>Total, Salaries</strong></td>
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<tr>
<td>Wages</td>
<td>$22,400</td>
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<td>Expense</td>
<td>$1,610</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>$(24,930)</td>
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<td><strong>Total, Administration</strong></td>
<td>$144,268</td>
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Building Operation

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<thead>
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<tr>
<td>Nonacademic Salaries</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
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<tr>
<td>Wages</td>
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<td>Expense</td>
<td>$44,678</td>
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<td>Equipment</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
<td>$(618,085)</td>
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<td><strong>Total, Building Operation</strong></td>
<td>$651,815</td>
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<tr>
<td>Account Number 05-36-06</td>
<td>Nonacademic Salaries</td>
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<tr>
<td>------------------------</td>
<td>---------------------</td>
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<tr>
<td>05-36-06</td>
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<table>
<thead>
<tr>
<th>Building Maintenance</th>
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<tr>
<td>Account Number 05-36-08</td>
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</table>

<table>
<thead>
<tr>
<th>Grounds Maintenance</th>
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<tbody>
<tr>
<td>Account Number 05-36-60</td>
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</table>

<table>
<thead>
<tr>
<th>Heat, Light, and Power</th>
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<td>Account Number 05-36-65</td>
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<table>
<thead>
<tr>
<th>Chicago Illini Union Building</th>
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<tbody>
<tr>
<td>Account Number 05-36-75</td>
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<table>
<thead>
<tr>
<th>Medical Center Steam Plant</th>
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<tbody>
<tr>
<td>Account Number 05-36-85</td>
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<td>------------------------</td>
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</table>

<table>
<thead>
<tr>
<th>Auxiliary Enterprises</th>
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</thead>
<tbody>
<tr>
<td>Chicago Illini Union Building Operation</td>
</tr>
<tr>
<td>Account Number 15-15-15</td>
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<tr>
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<tr>
<td>15-15-15</td>
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Chicago Illini Union Food Service

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>15-15-16</td>
<td>Nonacademic Salaries</td>
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<td>Total, Salaries</td>
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<tr>
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<td>Expense</td>
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Trust — Housing Division Administration

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>62-10-10</td>
<td>Nonacademic Salaries</td>
<td>$10,806</td>
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<tr>
<td></td>
<td>Total, Salaries</td>
<td>$23,160</td>
</tr>
<tr>
<td></td>
<td>Wages</td>
<td>$33,900</td>
</tr>
<tr>
<td></td>
<td>Expense</td>
<td>$4,584</td>
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<td>Total, Wages, Expense, and Equipment</td>
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Trust — Staff Apartments

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>62-10-11</td>
<td>Wages</td>
<td>$11,593</td>
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<tr>
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<td>Expense</td>
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<td>Total, Trust — Staff Apartments</td>
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Trust — Student Residence Hall

<table>
<thead>
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<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>62-10-12</td>
<td>Nonacademic Salaries</td>
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<td>Total, Salaries</td>
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<tr>
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<td>Wages</td>
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<td>Expense</td>
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Trust — Tenant Properties

<table>
<thead>
<tr>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>62-10-13</td>
<td>Expense</td>
<td>$18,579</td>
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<td>Total, Trust — Tenant Properties</td>
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</table>

Trust — Second Unit of Dentistry-Medicine-Pharmacy Building

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>62-10-14</td>
<td>Wages</td>
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<td>Expense</td>
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<td>Debt Service</td>
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<td>Total, Trust — Second Unit of Dentistry-Medicine-Pharmacy Building</td>
<td>$259,300</td>
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Tenant Properties

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-15-05</td>
<td>Expense</td>
<td>$12,251</td>
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<tr>
<td></td>
<td>Total, Tenant Properties</td>
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</table>

Hospital Addition Snack Bar

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-15-10</td>
<td>Nonacademic Salaries</td>
<td>$2,910</td>
</tr>
<tr>
<td></td>
<td>Total, Salaries</td>
<td>$2,910</td>
</tr>
<tr>
<td></td>
<td>Wages</td>
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<td>Expense</td>
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<td>Total, Wages, Expense, and Equipment</td>
<td>$87,808</td>
</tr>
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<td>Total, Hospital Addition Snack Bar</td>
<td>$90,718</td>
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### CHICAGO UNDERGRADUATE DIVISION

#### APPROPRIATIONS

##### General

<table>
<thead>
<tr>
<th>Source</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration and General</td>
<td>$483,685</td>
<td>$126,900</td>
<td>$610,585</td>
</tr>
<tr>
<td>Instruction</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Liberal Arts and Sciences</td>
<td>1,272,180</td>
<td>65,800</td>
<td>1,337,980</td>
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<tr>
<td>Engineering</td>
<td>546,855</td>
<td>47,100</td>
<td>593,955</td>
</tr>
<tr>
<td>Commerce and Business Administration</td>
<td>174,970</td>
<td>4,250</td>
<td>179,220</td>
</tr>
<tr>
<td>Physical Education</td>
<td>160,626</td>
<td>19,000</td>
<td>179,626</td>
</tr>
<tr>
<td>Armed Forces</td>
<td>3,780</td>
<td>2,960</td>
<td>6,740</td>
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<tr>
<td>Summer Session</td>
<td>115,000</td>
<td>5,600</td>
<td>120,600</td>
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<tr>
<td><strong>Total, Instruction</strong></td>
<td>(2,273,411)</td>
<td>(144,710)</td>
<td>(2,418,121)</td>
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<tr>
<td>Libraries</td>
<td>133,520</td>
<td>42,700</td>
<td>176,220</td>
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<tr>
<td><strong>Physical Plant</strong></td>
<td>55,382</td>
<td>880,316</td>
<td>935,698</td>
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<td><strong>Total, General</strong></td>
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<td>$1,194,626</td>
<td>$4,140,624</td>
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##### Restricted

<table>
<thead>
<tr>
<th>Source</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration and General</td>
<td>$720</td>
<td>$2,500</td>
<td>$3,220</td>
</tr>
<tr>
<td>Auxiliary Enterprises</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration and General</td>
<td>57,540</td>
<td>294,300</td>
<td>351,840</td>
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<tr>
<td>Physical Education</td>
<td>12,800</td>
<td>32,000</td>
<td>44,800</td>
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<tr>
<td><strong>Total, Auxiliary Enterprises</strong></td>
<td>(91,544)</td>
<td>(533,786)</td>
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<tr>
<td><strong>Total, Restricted</strong></td>
<td>$92,264</td>
<td>$536,286</td>
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### ADMINISTRATION AND GENERAL

#### General

<table>
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<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration and General</td>
<td>$62,615</td>
<td>$34,700</td>
<td>$97,315</td>
</tr>
<tr>
<td>Executive Dean's Office</td>
<td>120,230</td>
<td>18,600</td>
<td>138,830</td>
</tr>
<tr>
<td>Student Counseling Service</td>
<td>69,450</td>
<td>9,800</td>
<td>79,250</td>
</tr>
<tr>
<td>Business Office</td>
<td>102,760</td>
<td>43,000</td>
<td>145,760</td>
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<tr>
<td>Admissions and Records</td>
<td>16,000</td>
<td>3,650</td>
<td>19,650</td>
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<tr>
<td>Nonacademic Personnel</td>
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<td>5,900</td>
<td>45,310</td>
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<tr>
<td>Dean of Students</td>
<td>62,670</td>
<td>6,050</td>
<td>68,720</td>
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<tr>
<td>Health Service</td>
<td>10,550</td>
<td>5,200</td>
<td>15,750</td>
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<tr>
<td><strong>Total, General</strong></td>
<td>$483,685</td>
<td>$126,900</td>
<td>$610,585</td>
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#### Restricted

<table>
<thead>
<tr>
<th>Source</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration and General</td>
<td>$720</td>
<td>$2,500</td>
<td>$3,220</td>
</tr>
<tr>
<td>Auxiliary Enterprises</td>
<td>48,300</td>
<td>215,500</td>
<td>263,800</td>
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### Restricted (Continued)

<table>
<thead>
<tr>
<th>Accounts in Student Activities and</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Student Activities</td>
<td>$16,600</td>
<td>$16,600</td>
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<tr>
<td>Faculty Committee on Student Activities and Bookstore</td>
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<td>$6,000</td>
</tr>
<tr>
<td>Student Hospital and Medical Services</td>
<td>($9,240)</td>
<td>($56,200)</td>
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<tr>
<td>Total, Auxiliary Enterprises</td>
<td>($57,540)</td>
<td>($294,300)</td>
</tr>
<tr>
<td>Total, Restricted</td>
<td>$58,260</td>
<td>$296,800</td>
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### Executive Dean's Office

Account Number 70-05-05

<table>
<thead>
<tr>
<th>Account</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caveny, Executive Dean</td>
<td>$17,000</td>
</tr>
<tr>
<td>Arthur D. Pickett, Associate Dean of Administration</td>
<td>$13,500</td>
</tr>
<tr>
<td>Harold N. Cooley, Assistant Dean</td>
<td>$11,800</td>
</tr>
<tr>
<td>Arnold J. Hartoch, Director of Publications</td>
<td>$9,325</td>
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<tr>
<td>Nonacademic Salaries</td>
<td>$16,140</td>
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<td>Total, Executive Dean's Office</td>
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### Student Counseling Service

Account Number 70-05-10

<table>
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<th>Account</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Paul C. Greene, Director</td>
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<td>Kenneth W. Eells, Assistant Director</td>
<td>$11,600</td>
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<tr>
<td>Harold Klehr, Assistant Director</td>
<td>$11,400</td>
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<tr>
<td>Jean H. Baer, Counselor</td>
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<tr>
<td>Louis A. Berman, Counselor</td>
<td>$8,500</td>
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<tr>
<td>I. A. Burch, Counselor</td>
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<tr>
<td>Lucy C. Zaccaria, Counselor</td>
<td>$8,900</td>
</tr>
<tr>
<td>James W. Creaser, Counselor</td>
<td>$6,600</td>
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<tr>
<td>Daniel L. Heftel, Counselor</td>
<td>$5,700</td>
</tr>
<tr>
<td>Laurette A. Kirstein, Counselor</td>
<td>$1,800</td>
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<tr>
<td>Robert L. Miller, Counselor</td>
<td>$1,600</td>
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<tr>
<td>(Total Salary)</td>
<td>$7,200</td>
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<tr>
<td>(On leave without pay)</td>
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<tr>
<td>Marie L. Johnson, Psychometrist</td>
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<tr>
<td>Stephen W. Cornik, Assistant Psychometrist</td>
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<tr>
<td>Nonacademic Salaries</td>
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<tr>
<td>Total, Salaries</td>
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<td>Wages</td>
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### Business Office

Account Number 70-05-15

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<tr>
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<td>Department</td>
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<tr>
<td>Wages</td>
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<td>Expense</td>
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<tr>
<td>Auxiliary - Bookstore</td>
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<td>Wages</td>
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<td>Expense</td>
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<td>Veterans' Certification</td>
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<td>Total, Nonacademic Personnel</td>
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<td>Auxiliary - Student Activities</td>
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<tr>
<td>Wages</td>
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<td>Expense</td>
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<td>Total, Wages, Expense, and Equipment</td>
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<tr>
<td>Total, Dean of Students</td>
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*Note: All amounts are in U.S. dollars.*
Auxiliary — Faculty Committee on Student Activities and Bookstore
Account Number 75-15-16
Expense .................................................. $ 6,000

Auxiliary — Student Hospital and Medical Services
Account Number 75-15-30
1. Merton S. Zahrt, Assistant to the Dean of Students... ZBY54 $ 4,500
   (Total Salary) .................................. (8,350)
Nonacademic Salaries .................................. 4,750
Total, Salaries .................................. (9,240)
Expense .................................. 1,200
Premiums .................................. 55,000
Total, Wages, Expense, and Equipment .. (50,200)
Total, Auxiliary — Student Hospital and Medical Services .. $ 65,440

Health Service
Account Number 70-05-35
1. H. Gordon Reid, Director .. BY50 $ 13,500
   Associate Professor of Hygiene. AY $ 11,500
2. Helen M. Kostka, Medical Adviser for Women and
   Associate Professor of Hygiene. AY $ 11,500
3. Gloria Hilker, Assistant Professor of Hygiene. D25 5,500
4. Fred Madenberg, Medical Adviser for Men and Assistant
   Professor of Hygiene. D25 5,500
5. Glendon E. Rayson, Medical Adviser for Men and Assistant
   Professor of Hygiene. D25 5,500
6. John E. Kysar, Instructor in Hygiene. D25 1,800
7. Harold W. Spies, Instructor in Hygiene. D25 1,800
8. ——, Instructor in Hygiene. D25 1,750
Nonacademic Salaries .................................. 15,820
Total, Salaries .................................. (62,570)
Wages .................................. 1,550
Expense .................................. 4,500
Total, Wages, Expense, and Equipment .. (6,600)
Total, Health Service .................................. $ 68,720

Public Information
Account Number 70-05-45
1. Max Isaac Light, Chicago Manager of Public Information ... ZDY $ 10,550
Nonacademic Salaries .................................. (10,550)
Wages .................................. 1,600
Expense .................................. 3,400
Equipment .................................. 200
Total, Wages, Expense, and Equipment .. (5,200)
Total, Public Information .................................. $ 15,750

LIBERAL ARTS AND SCIENCES
General

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<td>$43,280</td>
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<tr>
<td>Biological Sciences</td>
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<td>$14,800</td>
<td>$142,460</td>
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<td>Social Sciences</td>
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<td>$65,800</td>
<td>$1,337,980</td>
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### Administration

Account Number 70-10-05

1. H. W. Bailey, Associate Dean ........................ ZBY $15,750
2. W. C. Jackman, Assistant Dean ........................ ZBY50 5,300
   (Total Salary) ................................ 9,000
   (On leave with one-half pay 1960-61)
3. Ellis B. Little, Assistant Dean ........................ ZBY50 4,900
   (Total Salary) ................................ 8,700

Nonacademic Salaries

Total, Salaries ................................ (34,530)

Wages .............................................. 650
Expense ............................................ 3,200
Convention Travel ................................. 500

Total, Wages, Expense, and Equipment .......... (8,750)
Total, Administration ................................ $43,280

### Biological Sciences

Account Number 70-10-10

1. Max C. Shank, Associate Professor ............... A1 9,600
   Chairman of Division ............................ B1
   (On leave with one-half pay 1960-61)
2. Arthur D. Pickett, Professor ....................... ZAY
3. A. S. Rouffa, Professor ........................... A 9,200
4. William Sangster, Professor ....................... A 9,600
5. Sidney F. Glassman, Associate Professor ....... A 8,500
6. Kenneth M. Madison, Associate Professor ....... A 9,000
7. Ellis B. Little, Assistant Professor ............ ZB50 3,800
   (Total Salary) ................................ 8,700
8. John T. Newell, Assistant Professor ............ B 6,500
9. Halina J. Presley, Assistant Professor ......... B 6,800
10. David Shomay, Assistant Professor .......... ... B 7,200
11. ... ........................................... B 6,200
12. James A. Bond, Instructor ......................... D 6,000
13. Catherine H. Claar, Instructor ................... D 5,200
14. William J. Dembski, Instructor ................... D 5,200
15. John L. Sarkissian, Instructor .................... D 4,800
16. Charles L. Scudder, Instructor .................... D 4,000
17. Charles N. Spirakis, Instructor ................... D 6,700
18. Kumar Krishna, Instructor ........................ D 4,500
19. 0.40 Full Time Equivalent Assistants .......... E 1,600
Nonacademic Salaries ............................. 12,260

Total, Salaries ................................ (127,660)

Wages .............................................. 1,150
Expense ............................................ 11,650
Equipment ......................................... 2,000

Total, Wages, Expense, and Equipment .......... (14,800)
Total, Biological Sciences ........................ $142,460

### Humanities

Account Number 70-10-15

1. E. B. Vest, Professor of English and Head of Division A $12,200
2. Jose Sanchez, Professor of Foreign Languages ...... A 9,200
3. William M. Schuyler, Professor of Foreign Languages A 9,600
4. Wayne N. Thompson, Professor of Speech ........... A 10,200
5. Hazel Vardaman, Professor of Foreign Languages ... A 9,800
6. Arnold J. Hartoch, Associate Professor of Foreign Languages ........................ ZA63 5,150
   (Total Salary) ................................ (9,325)
7. Falk S. Johnson, Associate Professor of English .... A 8,400
8. Marie E. Lein, Associate Professor of Foreign Languages ........................ A 8,000
9. Constance Nicholas, Associate Professor of English... A 8,000

Total, Humanities ................................ $142,460
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<td>Carl A. Pitt, Associate Professor of Speech</td>
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<td>11</td>
<td>Ernest S. Willner, Associate Professor of Foreign Languages</td>
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<td>12</td>
<td>Irving D. Blum, Associate Professor of English</td>
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<td>13</td>
<td>Bernard R. Kogan, Associate Professor of English</td>
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<td>14</td>
<td>Elizabeth V. Wright, Associate Professor of English</td>
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<td>15</td>
<td>Jack D. Arnold, Assistant Professor of Speech</td>
<td>B 6400</td>
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<td>16</td>
<td>Edwin R. Fissinger, Assistant Professor of Music</td>
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<td>17</td>
<td>J. B. Fuller, Assistant Professor, Emeritus</td>
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<td>18</td>
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<td>W. C. Jackman, Assistant Professor of English</td>
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<td>21</td>
<td>Moreen Jordan, Assistant Professor of English</td>
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<td>22</td>
<td>A. Karanikas, Assistant Professor of English</td>
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<td>23</td>
<td>Robert Kauf, Assistant Professor of Foreign Languages</td>
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<td>Zelma B. Leonhard, Assistant Professor of English</td>
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<td>John O. Marsh, Jr., Assistant Professor of Foreign Languages</td>
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<td>26</td>
<td>Sonia Miller, Assistant Professor of English</td>
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<td>27</td>
<td>Harry J. Runyan, Assistant Professor of English</td>
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<td>28</td>
<td>Andrew Schiller, Assistant Professor of English</td>
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<td>James B. Stronks, Assistant Professor of English</td>
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<td>Kathryn H. Carlsson, Instructor in English</td>
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<td>Russell E. Davis, Instructor in English</td>
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<td>43</td>
<td>James Friend, Instructor in English</td>
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<td>44</td>
<td>Frances M. Goulson, Instructor in Speech</td>
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<td>45</td>
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<td>Eleanor K. Harris, Instructor in English</td>
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<td>48</td>
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<td>51</td>
<td>Marion S. Kerwick, Instructor in English</td>
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<td>52</td>
<td>Laurette A. Kirsch, Instructor in English</td>
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<td>Joan C. Lawson, Instructor in English</td>
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<td>Willie N. Love, Instructor in English</td>
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<td>William R. Lutton, Instructor in Foreign Languages</td>
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<td>John H. Mackin, Jr., Instructor in English</td>
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<td>58</td>
<td>H. G. Merten, Instructor in English, Emeritus</td>
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<td>59</td>
<td>I. M. Miller, Instructor in English</td>
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<td>Margaret J. Mosby, Instructor in English</td>
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<td>Sylvia Patlogan, Instructor in Foreign Languages</td>
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<td>62</td>
<td>Matthew L. Rigler, Instructor in Speech</td>
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### Mathematics

**Account Number 70-10-20**

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<td>G. W. Morgenthaler</td>
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<tr>
<td>H. W. Bailey</td>
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<tr>
<td>Evelyn Frank</td>
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<tr>
<td>Herbert J. Curtis</td>
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<tr>
<td>Flora Dinkines</td>
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<td>Irwin K. Feinstein</td>
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<td>M. C. Hartley</td>
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<td>Louis L. Pennisi</td>
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<td>Ruth M. Ballard</td>
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<td>Kenneth H. Murphy</td>
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<td>Sim Lasher</td>
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<td>Julia B. Linn</td>
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<td>Jeanette Lumley</td>
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<td>Charles E. Olsen</td>
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<td>Thomas B. Ondrak</td>
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<td>N. C. Scholomiti</td>
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<tr>
<td>Irena Zygmund</td>
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<tr>
<td><strong>Total, Salaries</strong></td>
<td></td>
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<td>(202,800)</td>
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<tr>
<td><strong>Total, Mathematics</strong></td>
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<td>$204,600</td>
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</table>

**TOTAL**

- **Wages**
- **Expense**
- **Equipment**
- **Total, Wages, Expense, and Equipment**
- **Total, Mathematics**
Physical Sciences

Account Number 70-10-25
1. C. R. Meloy, Professor of Chemistry and Head of Division of Physical Sciences.......................... A $ 12 200
2. Bernard J. Babler, Professor of Chemistry................. A 10 600
3. F. B. Crum, Professor of Chemistry.................... A 10 300
4. Roy Huitema, Professor of Chemistry.................. A 10 600
5. R. W. Karpinski, Professor of Geology............... A 9 400
6. Joseph Bachrach, Associate Professor of Chemistry... A 8 200
7. Charles K. Hunt, Associate Professor of Chemistry... A 8 800
8. J. Victor Mansfield, Associate Professor of Chemistry A 8 000
9. Samuel Schrage, Associate Professor of Chemistry.... A 8 200
10. Anatol Gottlieb, Assistant Professor of Chemistry.... B 6 900
11. Rosalind Klaas, Assistant Professor of Chemistry..... B 7 200
12. H. J. Mueller, Assistant Professor of Chemistry...... B 7 200
13. Edward G. Rietz, Assistant Professor of Chemistry.. B 67 4 800
14. John F. Steiner, Assistant Professor of Chemistry... B 6 000
15. John W. Weldon, Assistant Professor of Chemistry... B 7 600
16. Lynn Carbonaro, Instructor in Chemistry................ D 6 300
17. Sabine H. Casten, Instructor in Chemistry............. D 5 600
18. John W. Cowin, Instructor in Chemistry................. D 6 500
19. James R. Dafler, Instructor in Chemistry............... D 5 200
20. Harry J. Delfs, Instructor in Chemistry................ G67 1 900
21. Robert E. DeMar, Instructor in Geology.................. D 5 800
22. Shafeek Farag, Instructor in Chemistry................ D 5 800
23. Donald D. Hedberg, Instructor in Chemistry.......... D 5 800
24. Elaine Z. Herzog, Instructor in Chemistry............. D 6 300
25. Louis N. Kurs, Instructor in Geology.................. D 6 300
26. Robert L. Miller, Instructor in Chemistry............. ZD75 4 800
       (Total Salary) ........................................ (6 400)
       (On leave without pay)
27. Eileen Pare, Instructor in Chemistry..................... D 5 300
28. Clarence J. Perry, Instructor in Chemistry.......... D 6 500
29. G. I. Sackheim, Instructor in Chemistry............... D 6 700
30. Frances K. Seabright, Instructor in Chemistry........ D 6 300
31. Marjorie Traxler, Instructor in Chemistry............. D 5 300
32. R. E. Johnson, Assistant in Chemistry................ E 5 000
33. Thomas A. Lothian, Assistant in Chemistry............. E 5 000

Nonacademic Salaries
14 430

Total Salaries ........................................... (247 730)

Wages....................................................... 3 800
Expense .................................................... 24 050
Equipment .................................................. 3 000

Total, Wages, Expense, and Equipment ...................... (30 850)

Total, Physical Sciences ................................ $278 580

Social Sciences

Account Number 70-10-30
1. Donald W. Riddle, Professor of History and Head of Division of Social Sciences .................... A $ 12 600
2. Hollis W. Barber, Professor of Political Science.... A 11 300
3. Alden D. Cutshall, Professor of Geography.......... A 10 600
4. Paul C. Greene, Professor of Psychology............. ZAY
5. Peter P. Klassen, Professor of Sociology............. A 10 000
6. E. A. Lipman, Professor of Psychology............... A 10 000
7. D. J. Morris, Professor of Philosophy................. A 9 400
8. Kenneth W. Eells, Associate Professor of Psychology ZAY
9. Stanley L. Jones, Associate Professor of History.... A 8 400
10. Harold Klehr, Associate Professor of Psychology... ZAY
11. Robert L. Nicholson, Associate Professor of History.. A 8 400
12. Victor E. Ricks, Associate Professor of Education... A 9 000
<table>
<thead>
<tr>
<th>Account Number 70-15-05</th>
<th>1. F. W. Trezise, Associate Dean</th>
<th>ZBY</th>
<th>15 750</th>
</tr>
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<tbody>
<tr>
<td>2. Rupert M. Price, Assistant Dean</td>
<td>ZBY</td>
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<td>Total, Wages, Expense, and Equipment</td>
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<td>(9 750)</td>
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Architecture and Art

<table>
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<tr>
<th>Account Number 70-15-10</th>
<th>1. Harold McEldowney, Professor of Architecture and Head of Department</th>
<th>A</th>
<th>$11 800</th>
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<tbody>
<tr>
<td>2. John F. Richardson, Professor of Art</td>
<td>A</td>
<td>9 300</td>
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</table>
### BOARD OF TRUSTEES

3. Anthony DeFilipps, Associate Professor of Architecture ........................................... A 9 800
4. John D. McNeely, Associate Professor of Art .......................................................... A 8 800
5. Henry L. Mikołajczyk, Associate Professor of Architecture .................................. A 9 800
6. Canio Radice, Associate Professor of Art ............................................................. A 8 500
7. Rowland Rathbun, Associate Professor of Architecture ........................................... A 8 600
8. Kenneth G. Shopen, Associate Professor of Art ...................................................... A 9 400
9. John E. Walley, Associate Professor of Architecture .............................................. A 9 400
10. Edward E. Burr, Assistant Professor of Art .......................................................... B 8 050
11. Irving W. Colburn, Assistant Professor of Architecture B50 4 150
12. Roland F. Ginzel, Assistant Professor of Art ......................................................... B 7 400
13. Don A. Masterton, Assistant Professor of Architecture ........................................... B 7 150
14. Robert W. Nickle, Assistant Professor of Art ......................................................... B 7 450
15. Nancy Stableford, Assistant Professor of Art .......................................................... B 6 350
16. Lester D. White, Assistant Professor of Architecture ............................................. B 9 250
17. Full Time Equivalent Assistants .................................................................................. E 1 500

**Nonacademic Salaries**

<table>
<thead>
<tr>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Wages</td>
<td>$153 880</td>
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</table>
13. Charles A. Boc, Instructor in General Engineering  
   Drawing ........................................... D 5 500
14. Edward J. Caldarillo, Instructor .......................... D 5 800
15. William Defotis, Instructor ........................... D 5 950
16. Francis A. Mosillo, Instructor .......................... D 5 850
17. ______________, Instructor ............................... D 5 000

Nonacademic Salaries ............................................. 3 900
Total, Salaries ................................................................ 131 500

Wages ......................................................................... 1 700
Expense ...................................................................... 4 450
Equipment ..................................................................... 800
Total, Wages, Expense, and Equipment ........................... (6 950)
Total, General Engineering ............................................... $138 450

Physics

Account Number 70-15-25

1. Ora Lee Railsback, Professor and Head of Department A $ 12 200
2. Edward B. McNeil, Professor ................................. A 9 100
3. William R. Anderson, Associate Professor ................. A 8 100
4. Louis Chandler, Associate Professor .......................... A 8 000
5. Herman J. Johnson, Associate Professor ................... A 7 900
6. Rupert M. Price, Associate Professor .......................... ZAY 7 000
7. Harold M. Skadeland, Associate Professor ................. A 9 000
8. H. B. Weissman, Assistant Professor .......................... B 7 800
9. Leon Bess, Assistant Professor ................................. B 50 3 750
10. Ogden Livermore, Assistant Professor .......................... B 7 100
11. M. Minkler, Assistant Professor ............................... B 6 900
12. Fishel E. Moraine, Assistant Professor ........................ B 7 200
13. John N. Pappademos, Assistant Professor .................... B 7 100
14. A. F. Sillett, Assistant Professor ............................... B 7 400
15. Jared W. Haslett, Instructor ................................. D 6 800
16. James W. Wilbur, Instructor ................................. D 6 300

Nonacademic Salaries .................................................. 10 200
Total, Salaries ................................................................ (124 850)

Wages ......................................................................... 2 000
Expense ...................................................................... 3 150
Equipment ..................................................................... 5 350
Total, Wages, Expense, and Equipment ........................... (10 500)
Total, Physics ................................................................ $135 350

Shop Laboratories

Account Number 70-15-30

1. Roy B. Perkins, Associate Professor of Mechanical Engineering and Head of Shop Laboratories ......... A $ 9 750
2. J. S. Kozacka, Professor of Mechanical Engineering, Emeritus ......................................................... R 7 300
3. Roy W. Schroeder, Associate Professor of Foundry and Pattern Laboratory ................................. A 9 300
4. ______________, Instructor in Mechanical Engineering ................................................................. D 7 300

Nonacademic Salaries .................................................. 21 275
Total, Salaries ................................................................ (47 625)

Wages ......................................................................... 1 350
Expense ...................................................................... 3 350
Equipment ..................................................................... 1 050
Total, Wages, Expense, and Equipment ........................... (5 750)
Total, Shop Laboratories ............................................... $ 53 375

COMMERCE AND BUSINESS ADMINISTRATION

Account Number 70-20-05

1. Robert P. Hackett, Associate Dean ............................... BY1 $ 15 750
   Professor of Accountancy ........................................ AY1
2. William J. Dunne, Assistant Dean ............................... BY50 $ 5 000
   Assistant Professor of Economics ............................ B50 3 800
(Total Salary) ................................................................ (9 300)
3. Lucille Derrick, Professor of Economics .......... A 10 000
4. Samuel Fox, Professor of Accountancy .............. A 10 200
5. Clarence H. Gillett, Professor of Economics .......... A 10 000
6. W. D. Gramp, Professor of Economics .............. A 9 200
7. Sarah M. Kabbes, Associate Professor of Accountancy A 8 600
8. Albert J. Schneider, Associate Professor of Accountancy A 8 900
9. Fayette B. Shaw, Associate Professor of Economics A 7 900
10. Daniel K. Andrews, Assistant Professor of Accountancy B 6 300
11. Edward C. Knudson, Assistant Professor, Emeritus R ....
12. Lawrence Lipkin, Assistant Professor of Accountancy B 6 300
13. Alfonse T. Malinoski, Assistant Professor of Accountancy B 7 000
15. Salvatore V. Ferra, Instructor in Economics .......... D 4 800
16. Winifred B. Geldard, Instructor in Economics .......... D 6 000
17. Norman D. Hedish, Instructor in Accountancy .......... D 5 400
18. Carl M. Larson, Instructor in Economics .......... D 7 000
19. Oscar Miller, Instructor in Economics .......... D 6 300
20. Arthur O. Seltzer, Instructor in Economics .......... D 6 300
22. Gust W. Dickett, Assistant in Economics .......... E 4 500
23. Edward T. Ossman, Assistant in Accountancy .......... E 4 300

Nonacademic Salaries .......... 9 120

Total, Salaries .......... (174 970)

Wages .......... 700
Expense .......... 3 010
Convention Travel .......... 3 450

Total, Wages, Expense, and Equipment .......... (4 250)

Total, Commerce and Business Administration .......... $179 220

PHYSICAL EDUCATION

General

<table>
<thead>
<tr>
<th>Instruction</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
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<tbody>
<tr>
<td>Physical Education</td>
<td>$160 626</td>
<td>$19 000</td>
<td>$179 626</td>
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<tr>
<td>Total, General</td>
<td>$160 626</td>
<td>$19 000</td>
<td>$179 626</td>
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Restricted

<table>
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<th>Auxiliary Enterprises</th>
<th>Salaries</th>
<th>Wages, Expense, and Equipment</th>
<th>Total</th>
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<tbody>
<tr>
<td>Student Athletic Activities</td>
<td>$12 800</td>
<td>$32 000</td>
<td>$44 800</td>
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<tr>
<td>Total, Restricted</td>
<td>$12 800</td>
<td>$32 000</td>
<td>$44 800</td>
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Physical Education

Account Number 70-20-10

1. J. O. Jones, Associate Dean and Director of Athletics ZBY901 $14 750
   (Total Salary) .......... (15 750)
2. Helen M. Barton, Professor of Physical Education for Women and Head of Women's Department A 9 200
3. Peter R. Bertrato, Assistant Professor of Physical Education for Men ZB 7 600
   (Total Salary) .......... (8 800)
4. Sheldon L. Fordham, Assistant Professor of Physical Education for Men ZB 8 200
   (Total Salary) .......... (9 100)
5. Leo L. Gedvilas, Assistant Professor of Physical Education for Men ZB 7 800
   (Total Salary) .......... (8 200)

[June 14]
<table>
<thead>
<tr>
<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
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</thead>
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<tr>
<td>75-15-10</td>
<td>J. O. Jones, Director of Athletics</td>
<td>ZBY10 $1,000</td>
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<tr>
<td></td>
<td>(Total Salary)</td>
<td>(15,750)</td>
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<tr>
<td>2</td>
<td>Peter R. Berrafato, Assistant Professor of Physical Education for Men</td>
<td>ZG $1,200</td>
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<td>(Total Salary)</td>
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**Auxiliary — Student Athletic Activities**

**Total Salaries**

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<th>Description</th>
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<tbody>
<tr>
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<td>Total, Physical Education</td>
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<th>Account Number</th>
<th>Description</th>
<th>Amount</th>
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<td>Total, Wages, Expense, and Equipment</td>
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**Nonacademic Salaries**

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<td>(160,626)</td>
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<tr>
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<td>Expense</td>
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<td>Equipment</td>
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<tr>
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**Total, Physical Education**

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<th>Description</th>
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<tr>
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<td>Total Salaries</td>
<td>$179,626</td>
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<table>
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<th>Account Number</th>
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<th>Amount</th>
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<td>Total, Physical Education</td>
<td>$179,626</td>
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**Auxiliary — Student Athletic Activities**
<table>
<thead>
<tr>
<th>3. Sheldon L. Fordham, Assistant Professor of Physical Education for Men</th>
<th>ZG 900</th>
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<tbody>
<tr>
<td>(Total Salary)</td>
<td>(9 100)</td>
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<tr>
<td>(Overtime basis)</td>
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<tr>
<td>4. Leo L. Gedvilas, Assistant Professor of Physical Education for Men</td>
<td>ZG 400</td>
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<tr>
<td>(Total Salary)</td>
<td>(8 200)</td>
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<tr>
<td>(Overtime basis)</td>
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<tr>
<td>5. Charles Kristufek, Assistant Professor of Physical Education for Men</td>
<td>ZG 1 100</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>(8 000)</td>
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<tr>
<td>(Overtime basis)</td>
<td></td>
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<tr>
<td>6. Lester H. Miller, Jr., Assistant Professor of Physical Education for Men</td>
<td>ZG 800</td>
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<tr>
<td>(Total Salary)</td>
<td>(9 000)</td>
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<td>(Overtime basis)</td>
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<tr>
<td>7. Benedict Montcalm, Assistant Professor of Physical Education for Men</td>
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<tr>
<td>(Total Salary)</td>
<td>(7 500)</td>
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<td>(Overtime basis)</td>
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<tr>
<td>8. Walter G. Versen, Assistant Professor of Physical Education for Men</td>
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<td>(Overtime basis)</td>
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<tr>
<td>9. Michael G. Maksud, Instructor in Physical Education for Men</td>
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<td>(Overtime basis)</td>
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<tr>
<td>10. Richard R. Rader, Instructor in Physical Education for Men</td>
<td>ZG 700</td>
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<td>(7 100)</td>
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<td>(Overtime basis)</td>
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<tr>
<td>11. George J. Strnad, Instructor in Physical Education for Men</td>
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<td>(Total Salary)</td>
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<td>(Overtime basis)</td>
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<td>12. Robert J. Beck, Assistant in Physical Education for Men</td>
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<tr>
<td>(Total Salary)</td>
<td>(4 700)</td>
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<tr>
<td>(Overtime basis)</td>
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<tr>
<td>13. James C. Descourouez, Assistant in Physical Education for Men</td>
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<td>(Total Salary)</td>
<td>(4 700)</td>
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<tr>
<td>(Overtime basis)</td>
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<td>14. Harold H. Nemoto, Assistant in Physical Education for Men</td>
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<td>(Total Salary)</td>
<td>(5 900)</td>
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<tr>
<td>(Overtime basis)</td>
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<tr>
<td>15. Thomas F. Russo, Assistant in Physical Education for Men</td>
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<td>(Overtime basis)</td>
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<td>16. Melvin J. Springer, Assistant in Physical Education for Men</td>
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<tr>
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<tr>
<td>(Overtime basis)</td>
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</table>

Nonacademic Salaries

| Total Salaries | 600 |
| Total Wages | 1 500 |
| Total Equipment | 30 500 |

Total, Auxiliary—Student Athletic Activities $44 800
### ARMED FORCES

Account Number 70-20-20

1. Daniel Crumpacker, Associate Professor of Military Science and Tactics and Head of Department

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td>$ 3,780</td>
<td>960</td>
<td>1,700</td>
<td>300</td>
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</tbody>
</table>

**Total, Wages, Expense, and Equipment**

| Total, Armed Forces | $6,740 |

### SUMMER SESSION

Account Number 70-20-25

<table>
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<th>Salaries of Academic Staff</th>
<th>$115,000</th>
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<tbody>
<tr>
<td>Expense, Television</td>
<td>$3,500</td>
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</table>

**Total, Summer Session**

| $120,600 |

### LIBRARY

Account Number 70-20-30

1. Edward M. Heiliger, Librarian

2. Carl J. Frommherz, Catalog Librarian with rank of Assistant Professor

3. Giles B. Robertson, Reference Librarian with rank of Assistant Professor

4. Louis Schultheiss, Serials and Acquisition Librarian with rank of Assistant Professor

5. __________, Circulation Librarian with rank of Assistant Professor

6. Robert Adelsperger, Assistant Reference Librarian with rank of Instructor

7. __________, Assistant Reference Librarian with rank of Instructor

8. Lloyd Engelbrecht, Fine Arts Librarian with rank of Instructor

9. Martha Kester, Assistant Catalog Librarian with rank of Instructor

10. __________, Assistant Serials and Acquisition Librarian with rank of Instructor

<table>
<thead>
<tr>
<th>Nonacademic Salaries</th>
<th>Total, Salaries</th>
<th>Wages</th>
<th>Expense</th>
<th>Equipment</th>
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<tbody>
<tr>
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<td>$133,520</td>
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<td>1,200</td>
<td>30,000</td>
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</tbody>
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**Total, Wages, Expense, and Equipment**

| Total, Library | $176,220 |

### PHYSICAL PLANT

**General**

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<td>Police and Watchmen</td>
<td>112,981</td>
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<tr>
<td>Building Maintenance</td>
<td>22,662</td>
<td>121,689</td>
<td>144,351</td>
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<td>Trucks and Cars</td>
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<tr>
<td>Grounds Maintenance</td>
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<tr>
<td>Heat, Light, and Power</td>
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<tr>
<td>Building Rental</td>
<td>188,150</td>
<td>188,150</td>
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**Total, General**

<p>| $55,382 | $880,316 | $935,698 |</p>
<table>
<thead>
<tr>
<th>Restricted</th>
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<tbody>
<tr>
<td><strong>Auxiliary Enterprises</strong></td>
<td>Wages, Expense, and Equipment</td>
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<tr>
<td>Food Service</td>
<td>$21,004</td>
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<td><strong>Total, Restricted</strong></td>
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<tr>
<td><strong>Administration</strong></td>
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<tr>
<td>Account Number 70-25-02</td>
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<td>1. H. W. Pearce, Associate Director</td>
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<tr>
<td>Nonacademic Salaries</td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Administration</strong></td>
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<td><strong>Building Operation</strong></td>
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<td>Account Number 70-25-04</td>
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<td><strong>Total, Building Operation</strong></td>
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<td><strong>Police and Watchmen</strong></td>
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<td>Account Number 70-25-06</td>
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<td>Wages</td>
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<td><strong>Building Maintenance</strong></td>
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<td>Account Number 70-25-08</td>
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<td>Nonacademic Salaries</td>
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<td><strong>Total, Salaries</strong></td>
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<td><strong>Total, Wages, Expense, and Equipment</strong></td>
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<td><strong>Total, Building Maintenance</strong></td>
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<td><strong>Trucks and Cars</strong></td>
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<tr>
<td>Wages</td>
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<td>Expense</td>
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<td><strong>Total, Trucks and Cars</strong></td>
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<td><strong>Grounds Maintenance</strong></td>
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<td>Account Number 70-25-82</td>
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<td>Expense</td>
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<td><strong>Total, Grounds Maintenance</strong></td>
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<td>Account Number 70-25-84</td>
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<tr>
<td>Wages</td>
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<tr>
<td>Expense</td>
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<tr>
<td>Equipment</td>
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<td><strong>Total, Heat, Light, and Power</strong></td>
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Building Rental

Account Number 70-25-94
Expense, Building Rental ........................................ $161,760
Expense, Drill Hall Rental ........................................ 25,240
Expense, Insurance .................................................. 1,150
Total, Building Rental ............................................... $188,150

Auxiliary Enterprises

Food Service
Account Number 75-15-05
Nonacademic Salaries ............................................. $21,204
Total, Salaries .......................................................... (21,204)
Wages ................................................................. 78,797
Expense .............................................................. 128,688
Total, Wages, Expense, and Equipment ...........................(207,483)
Total, Food Service .................................................. $228,690

NONACADEMIC SALARIES
URBANA-CHAMPAIGN

Board of Trustees

Account Number 00-10-01-000
1. Maude Archdeacon, 0136, Administrative Clerk .......... N $ 7,200
2. Catherine C. Caicoppo, 0137, Clerk-Stenographer III ...... N 4,530
3. Helen M. Block, 0138, Clerk-Typist II ...................... N 2,850
4. Marilyn Milligan, 0139, Clerk-Typist II .................... N 3,090
Total, Board of Trustees .......................................... $17,670

President's Office

Account Number 00-10-02-000
1. E. G. Smith, 0140, Executive Aide ............................ N $ 8,400
2. Thelma I. Radwell, 0146, Chief Clerk ...................... N 5,100
3. Judith L. Conover, 0816, Clerk-Stenographer II .......... N 3,480
4. Sharon L. Dilley, 0147, Clerk-Stenographer II ........... N 2,970
5. Dorothy R. McAndrews, 7787, Clerk-Stenographer III ... N 4,410
6. Vera K. Burke, 0809, Clerk-Typist II ....................... N 3,600
7. Wilma R. Johnson, 0608, Clerk-Typist III ................. N 4,200
8. Bonnie L. Nichols, 0806, Clerk-Typist III ................. N 4,050
9. Virginia J. Hendrix, 0145, Secretary — Stenographic .... N 5,550
10. Zelma C. Holl, 0142, Secretary — Stenographic .......... N 6,420
11. Ruth E. Klein, 0143, Secretary — Stenographic .......... N 6,420
12. Frances G. Dickman, 0141, Administrative Secretary — Stenographic .......... N 7,740
Total, President's Office ......................................... $62,340

Indirect Costs — President's Office

Account Number 40-10-02-000
1. Ruth A. Vagner, 0149, Clerk-Stenographer II .............. N $ 3,240
Total, Indirect Costs — President's Office .................. $ 3,240

Vice-President and Provost's Office

Account Number 00-10-04-000
1. Margaret W. Roberson, 0151, Clerk-Stenographer II ...... N $ 2,940
2. Mildred M. Luther, 0152, Secretary — Stenographic ...... N 6,000
3. Harriet B. Teeple, 1779, Secretary — Stenographic ...... ZN50 3,300
Total Salary ........................................................ (6,600)
4. Ruth M. Anderson, 0150, Administrative Secretary — Stenographic .......... N 7,800
Total, Vice-President and Provost's Office .................. $20,040
Vice-President and Comptroller's Office

Account Number 00-10-06-000
1. Vincent O. Greene, 0192, Accountant II. .......... N $ 7,900
2. Margaret J. Oare, 0196, Clerk-Stenographer III. . N 3,900
3. Marilyn J. Swearingen, 0200, Clerk-Stenographer III. N 4,140
4. Gladys L. Paul, 0194, Secretary—Stenographic. ... N 6,600
5. Vera M. Sands, 0195, Secretary—Stenographic. . N 4,620
6. James R. Gallivan, 0198, Supervisor of Insurance. ZN40 3,200
(Total Salary) ............................................. (8,000)

Total, Vice-President and Comptroller's Office. .............................. $30,360

Auxiliary—Hospital Insurance Administration

Account Number 18-10-06-701
2. Anna L. Thompson, 0190, Clerk-Typist III. ......... N 3,540
3. James R. Gallivan, 0198, Supervisor of Insurance. ZN60 4,800
4. Robert A. Hershbarger, 7184, Assistant Supervisor of Insurance. N 6,500
(Total Salary) ............................................. $18,020

Business Office

Accounting Division

Account Number 00-10-08-000
2. Joseph A. Garza, 0217, Accountant I. .......... N 6,540
3. Kenneth A. Hamilton, 0213, Accountant I. ......... N 5,100
4. Harold G. Poindecker, 0216, Accountant II. ... N 8,040
5. Earl M. Snyder, 0214, Accountant II. .......... N 7,200
6. Robert N. Parker, 0212, Accountant III. ........ N 9,800
7. W. D. Green, 0211, Assistant Chief Accountant. N 11,100
8. Patricia A. Nelson, 7943, Clerk I. ................. N 2,520
9. Beverly A. Richardson, 0227, Clerk I. .......... N 2,400
10. Florence A. Carson, 6876, Clerk II. ............. N 2,880
11. Vera A. Lawson, 5464, Clerk II. ................. N 2,640
12. Leah B. Rogers, 8187, Clerk II. ................. N 2,520
13. Betty E. Wagner, 0232, Clerk II. ................. N 3,180
14. Ruth Bryant, 0286, Clerk III. ................. N 3,350
15. Esther E. Theilmann, 6993, Accounting Clerk II. .... N 4,800
16. Leanna Heathman, 0390, Clerk-Typist II. .. N 2,580
17. Jimmy A. Luttrelle, 0229, Clerk-Typist III. .... N 3,120
18. Donna J. Dewulf, 6892, Card Punch Operator I. ... N 2,640
19. Mildred L. Whipple, 7822, Card Punch Operator I. ... N 2,820
20. Beverly A. Smith, 6994, Card Punch Operator II. ... N 2,640
21. Violet Gaschler, 0219, Secretary—Stenographic. N 5,100
22. Julia M. Hunt, 0283, Inventory Supervisor. . N 6,420
(Total, Accounting Division) ................................... $102,920

INDIRECT COSTS—ACCOUNTING DIVISION

Account Number 49-10-08-000
1. Michael L. Crowell, 5865, Accountant I. .......... N $ 4,800
2. Gail E. McMams, 0272, Clerk I. ................. N 2,760
3. Lillian M. Nichols, 5214, Clerk II. ........ N 3,180
4. Darlene K. Wright, 0226, Clerk II. ........ N 2,640
5. Audrey I. Wynn, 0236, Typing Clerk II. .... ZN50 1,530
(Total Salary) ............................................. (3,060)
6. Rita A. Feldhake, 0237, Clerk-Typist II. ... N 2,760
(Total, Indirect Costs—Accounting Division) .................. $17,670

Auditing Division

Account Number 00-10-09-000
2. Albert E. Marien, 5042, Accountant I. .......... N 5,760
3. .................................., Accountant I. .......... N 5,000
Account Number 40-10-09-000
1. Mary K. Fahrnkopf, 0209, Accountant I N 50 $2 400
2. Robert C. Olson, 0203, Accountant II N 7 980
Total, Indirect Costs — Accounting Division $10 380

Bursar's Division
Account Number 00-10-00-000
1. Robert E. Gentry, 7919, Assistant to Bursar. N 800
2. William M. Griffith, 7020, Assistant to Bursar. N 10 600
4. Ronald F. Morrill, 7867, Cashier II
   (Paid from Residence Halls)
5. Ray W. Van Camp, 0247, Cashier II N 4 680
6. Dale T. Boyer, 0245, Cashier III N 6 660
7. Paul J. Foil, 0246, Cashier III N 6 930
8. Ruth E. Dodson, 7247, Clerk II N 2 640
9. Karen K. Duncan, 7037, Clerk II
   (Paid from Temporary Family Housing)
10. Carol A. Hall, 6570, Clerk II N 3 120
11. Martha M. Warnes, 7035, Clerk III N 3 180
12. Mary I. Crowley, 0254, Payroll Clerk I N 3 180
13. Virginia L. Elder, 0252, Payroll Clerk I N 2 400
14. Betty A. Cekander, 0250, Payroll Clerk II N 3 870
15. Edith B. Reimann, 6346, Payroll Clerk II N 3 870
16. J. R. Carlson, 0249, Payroll Clerk III N 6 990
17. Margaret C. Mehr, 0251, Payroll Clerk III N 5 580
18. Hortense S. Johnson, 0248, Chief Payroll Clerk N 7 020
19. Marlene A. Chandler, 0266, Typing Clerk II N 2 940
20. Sandra C. Lewis, 0267, Clerk-Stenographer II N 3 590
21. Alwynne G. Paulson, 0261, Secretary — Stenographic N 4 740
22. R. F. Wood, 0240, Supervisor of Credit Collections N 8 370
23. ........................................ N 2 700
24. ........................................ N 2 700
Total, Bursar's Division $115 060

Indirect Costs — Bursar's Division
Account Number 40-10-10-000
1. John K. Stanley, 6979, Accountant I N 8 250
2. S. Edward Read, 0242, Accountant II N 8 250
3. Judith Ann Zindars, 6128, Clerk II N 8 250
4. Leah D. Vincent, 8078, Clerk III N 3 480
5. Helen P. Hites, 7150, Accounting Clerk I N 3 780
6. Lucille Ekiss, 5782, Accounting Clerk II N 4 350
7. Donald C. Padgett, 5936, Accounting Clerk II N 5 280
8. Anna L. Yao, 7345, Accounting Clerk II N 3 480
9. Rene I. Robertson, 7036, Typing Clerk II N 8 700
   (Total Salary)
10. ........................................ N 2 640
11. Barbara K. Ryan, 0205, Clerk-Stenographer III N 3 660
12. Beverly A. Brown, 0271, Clerk-Typist II N 2 700
Total, Indirect Costs — Bursar's Division $44 700

Loan Operating Expense
Account Number 70-10-10-010
1. Marilyn J. Hawkins, 7622, Accounting Clerk I N 50 $1 560
2. Carlene S. Wright, 0268, Clerk-Typist I N 2,640
3. Nancy C. Barcus, 0269, Clerk-Typist III N 3,280

Total, Loan Operating Expense ........................................... $7,980

Purchasing Division

Account Number 00-10-11-000

1. Wendell E. Crawford, 0282, Purchasing Assistant II ZN80 $5,220
2. John W. Gomperts, 0281, Purchasing Assistant II N 7,890
3. R. F. Hott, 0278, Purchasing Assistant II ZN40 3,360
4. Max M. Matthews, 0276, Purchasing Assistant II ZN75 5,430
5. George W. Kinningham, 0277, Purchasing Assistant III N 9,000
6. Glenn E. Musgrave, 1807, Assistant to Military Property Custodian N 7,200

7. Gladys A. Carlson, 0204, Clerk II N 3,090
8. Edith R. Carr, 0288, Clerk III N 3,900
9. Pearl L. McCollough, 0297, Clerk III N 3,720
10. William E. Wells, 1809, Chief Clerk N 5,700
11. Norman Greaves, 1815, Stores Clerk N 4,110
12. David D. Meier, 7510, Stores Clerk N 4,120
13. Hazel M. Correly, 0301, Typing Clerk II N 3,150
14. Helen C. Goings, 0292, Clerk-Typist II N 2,850
15. Merriam E. Lourash, 0293, Clerk-Typist II N 3,600
16. Naomi E. Sanders, 0289, Clerk-Typist II N 3,000
17. Masayo Yanagisawa, 0302, Clerk-Typist II N 2,890
18. Molly M. Shoaf, 0292, Clerk-Typist III N 3,660
20. Lester E. Elliott, 0274, Assistant Director of Purchases N 10,700
21. Paul B. Bruns, 0305, Routeman Helper N 4,272
22. Paul O. Murrah, 0304, Routeman Helper N 4,710
23. W. H. Whetstone, 0275, Traffic Manager N 8,140
24. Bernice E. Bothwell, 0284, Secretary—Stenographic N 4,740
25. Reuben C. Deedrick, 1814, Storekeeper N 5,250
26. Charles L. Hoch, 0393, Central Receiving Station Supervisor N 7,090

Total, Purchasing Division ................................................... $136,022

Stores — General Chemical Stores Overhead

Account Number 08-10-11-933

1. Wendell E. Crawford, 0282, Purchasing Assistant II ZN20 $1,530
2. Lella R. Lancaster, 0303, Clerk-Typist III N 3,310
3. Willis S. Lemmon, 0314, Storekeeper N 5,280
4. Charles F. Martin, 0313, Storekeeper N 5,220
5. Donald R. Murphy, 0316, Storekeeper N 5,230
6. John C. Schumacher, 0315, Storekeeper N 5,250
7. L. E. Bailey, 0312, Stores Supervisor N 7,090

Total, Stores — General Chemical Stores Overhead ........................................... $34,210

Stores — Office Supply Overhead

Account Number 08-10-11-963

1. Max M. Matthews, 0276, Purchasing Assistant II ZN25 $1,800
2. Beatrice C. Sargent, 0311, Clerk II N 2,820
3. James E. Creek, 0310, Stores Clerk N 4,680
4. Patricia A. Sargent, 0311, Clerk II N 2,700
5. Raymond J. Kunza, 0306, Driver P 5,610
6. Robert C. Hicks, 7763, Routeman P 5,610
7. Robert E. Hagen, 5133, Storekeeper N 4,800
8. Robert E. Soloman, 0309, Storekeeper N 5,280
9. L. W. Williamson, 0308, Stores Supervisor N 8,000

June 14
10. Ralph R. Squire, 5527, Assistant Supervisor of Central Receiving Station .......................... N 5 220
Total, Stores — Office Supply Overhead .................. $45 920

INDIRECT COSTS — PURCHASING DIVISION

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<th>Description</th>
<th>Salary</th>
<th>Indirect Costs</th>
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<td>2.</td>
<td>Richard A. Martin, 5209, Purchasing Assistant I</td>
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<td>3.</td>
<td>Donald F. Gilfoy, 0279, Purchasing Assistant II</td>
<td>N</td>
<td>7 550</td>
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<td>4.</td>
<td>Gayanne E. Gates, 7880, Clerk-Typist II</td>
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<td>5.</td>
<td>Marcia K. Lecher, 0205, Clerk-Typist II</td>
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<td>6.</td>
<td>Peggy L. Matsler, 0285, Clerk-Typist II</td>
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<td>7.</td>
<td>Astrid E. Zehner, 0208, Clerk-Typist II</td>
<td>N</td>
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<td>8.</td>
<td>Wendell G. Viles, 0635, Routeman Helper</td>
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Admissions and Records

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<td>Charles V. Ellington, 7832, Procedures and Systems Analyst</td>
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<td>2.</td>
<td>Eleanor R. Dunn, 0345, Clerk I</td>
<td>N</td>
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<td>3.</td>
<td>Virginia L. Butch, 0330, Clerk II</td>
<td>N</td>
<td>2 400</td>
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<td>4.</td>
<td>Loretta E. Frihauf, 0337, Clerk II</td>
<td>N</td>
<td>2 910</td>
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<td>5.</td>
<td>Lois J. Lube, 0352, Clerk II</td>
<td>N</td>
<td>2 550</td>
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<td>6.</td>
<td>Nila J. McAfee, 0360, Clerk II</td>
<td>N</td>
<td>2 550</td>
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<tr>
<td>7.</td>
<td>Mary L. Switzer, 0340, Clerk II</td>
<td>N</td>
<td>3 240</td>
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<td>8.</td>
<td>7830, Clerk II</td>
<td>N</td>
<td>3 000</td>
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<td>9.</td>
<td>Lois F. Baker, 0351, Clerk III</td>
<td>N</td>
<td>3 150</td>
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<tr>
<td>10.</td>
<td>Jo Carolyn Beebe, 0349, Clerk III</td>
<td>N</td>
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<td>11.</td>
<td>Shirley M. Burr, Clerk III</td>
<td>N</td>
<td>3 000</td>
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<td>12.</td>
<td>Gwen A. Cloyd, 0332, Clerk III</td>
<td>N</td>
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<td>13.</td>
<td>Dorothy D. Crane, 7187, Clerk III</td>
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<td>3 360</td>
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<td>14.</td>
<td>Katherine R. Crowley, 0329, Clerk III</td>
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<tr>
<td>15.</td>
<td>Mary I. Dean, 0342, Clerk III</td>
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<td>16.</td>
<td>Roxana W. Duquette, 7185, Clerk III</td>
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<td>17.</td>
<td>Grace Jackson, 0336, Clerk III</td>
<td>N</td>
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<tr>
<td>18.</td>
<td>Erma C. Koch, 0333, Clerk III</td>
<td>N</td>
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<td>19.</td>
<td>Marlene A. Larson, 0344, Clerk III</td>
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<tr>
<td>20.</td>
<td>Janet A. Marbury, 7168, Clerk III</td>
<td>N</td>
<td>3 210</td>
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<tr>
<td>21.</td>
<td>Marianne Mosey, 0362, Clerk III</td>
<td>N</td>
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<td>(3,050)</td>
<td></td>
<td></td>
<td>(3,050)</td>
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<tr>
<td>23.</td>
<td>Ruby F. Murphy, 0334, Clerk III</td>
<td>N</td>
<td>3 180</td>
<td></td>
</tr>
<tr>
<td>24.</td>
<td>Dorothy J. Rodman, 7366, Clerk III</td>
<td>N</td>
<td>4 050</td>
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<tr>
<td>25.</td>
<td>0328, Clerk III</td>
<td>N</td>
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<tr>
<td>26.</td>
<td>0328, Clerk III</td>
<td>N</td>
<td>3 000</td>
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<td>27.</td>
<td>Jo Ann E. Best, 0355, Typing Clerk II</td>
<td>N</td>
<td>2 850</td>
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<tr>
<td>28.</td>
<td>Reiko S. Johnson, 0359, Typing Clerk II</td>
<td>N</td>
<td>2 550</td>
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<td>29.</td>
<td>Beverly A. Purcell, 7172, Typing Clerk III</td>
<td>N</td>
<td>3 000</td>
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<tr>
<td>30.</td>
<td>Rosa L. Cornell, 7838, Clerk-Stenographer II</td>
<td>N</td>
<td>2 850</td>
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<td>31.</td>
<td>Willeta M. Donaldson, 0338, Clerk-Stenographer II</td>
<td>N</td>
<td>3 030</td>
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<tr>
<td>32.</td>
<td>Judith Griffith, 0420, Clerk-Stenographer II</td>
<td>N</td>
<td>2 700</td>
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<tr>
<td>33.</td>
<td>Clarine M. Hatfield, 0331, Clerk-Stenographer II</td>
<td>N</td>
<td>3 300</td>
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<tr>
<td>34.</td>
<td>Nalita L. Patterson, 7163, Clerk-Stenographer II</td>
<td>N</td>
<td>2 850</td>
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<tr>
<td>35.</td>
<td>Mary C. Shumate, 7200, Clerk-Stenographer II</td>
<td>N</td>
<td>2 880</td>
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<tr>
<td>36.</td>
<td>Janet E. Ryan, 0327, Clerk-Stenographer III</td>
<td>N</td>
<td>3 900</td>
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<td>37.</td>
<td>7204, Clerk-Stenographer III</td>
<td>N</td>
<td>3 600</td>
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<td>38.</td>
<td>Mary L. Anderson, 0336, Clerk-Typist II</td>
<td>N</td>
<td>2 520</td>
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<td>39.</td>
<td>Peggy J. Apperson, 7109, Clerk-Typist II</td>
<td>N</td>
<td>2 730</td>
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<tr>
<td>40.</td>
<td>Carolyn Cline, 0348, Clerk-Typist II</td>
<td>N</td>
<td>2 520</td>
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<td>41.</td>
<td>Sharon B. Foust, 0610, Clerk-Typist II</td>
<td>N</td>
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<td>42.</td>
<td>Marjory Goodall, 0415, Clerk-Typist II</td>
<td>N</td>
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<td>43.</td>
<td>Patricia A. Keplinger, 0339, Clerk-Typist II</td>
<td>N</td>
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1632  BOARD OF TRUSTEES  [June 14

<p>| | | |</p>
<table>
<thead>
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<tr>
<td>43. Lieselotte E. M. Loewe, 7833, Clerk-Typist II</td>
<td>N</td>
<td>$3,180</td>
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<td>44. Linda L. Mayhall, 6509, Clerk-Typist II</td>
<td>N</td>
<td>$2,700</td>
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<td>45. Glenda M. Robertson, 7173, Clerk-Typist II</td>
<td>N</td>
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<td>46. Sandra L. Wallace, 7863, Clerk-Typist II</td>
<td>N</td>
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<td>47. Artheen K. Winters, 0346, Clerk-Typist II</td>
<td>N</td>
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<td>48.                     , 0335, Clerk-Typist II</td>
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<tr>
<td>49.                     , 0353, Clerk-Typist II</td>
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<tr>
<td>50. Carol A. Benschneider, 0347, Clerk-Typist III</td>
<td>N</td>
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<tr>
<td>51. Adelia L. Casey, 0416, Clerk-Typist III</td>
<td>N</td>
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<td>52. Mary W. Hopkins, 6956, Clerk-Typist III</td>
<td>N</td>
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<td>53. Beverly J. Pedersen, 0337, Clerk-Typist III</td>
<td>N</td>
<td>$3,180</td>
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<td>54. Rita R. Rund, 7151, Clerk-Typist III</td>
<td>N</td>
<td>$3,210</td>
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<tr>
<td>55. George R. Ginsmore, 0320, Examiner</td>
<td>N</td>
<td>$8,400</td>
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<tr>
<td>56. Paul M. Garman, 7410, Examiner</td>
<td>N50</td>
<td>$3,500</td>
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<tr>
<td>(Total Salary)</td>
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<td>$7,000</td>
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<tr>
<td>(Also academic)</td>
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<td></td>
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<tr>
<td>57. M. Zella Hall, 0318, Examiner</td>
<td>ZN25</td>
<td>$2,100</td>
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<tr>
<td>(Total Salary)</td>
<td></td>
<td>$8,400</td>
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<tr>
<td>58. Harriet E. Ham, 0317, Examiner</td>
<td>N</td>
<td>$8,400</td>
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<tr>
<td>59. James R. Payne, 6832, Examiner</td>
<td>N</td>
<td>$7,120</td>
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<tr>
<td>60. Edward J. Smith, 0319, Examiner</td>
<td>ZN75</td>
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<tr>
<td>(Total Salary)</td>
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<tr>
<td>61. Robert H. Ewald, 7036, Assistant Examiner</td>
<td>N75</td>
<td>$3,990</td>
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<tr>
<td>62.                     , Assistant Examiner</td>
<td>N</td>
<td>$4,500</td>
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<tr>
<td>63. Rosemary M. Shroyer, 0364, Card Punch Operator I</td>
<td>N</td>
<td>$2,700</td>
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<tr>
<td>64. Beatrice A. Hunka, 0363, Card Punch Operator II</td>
<td>N</td>
<td>$2,850</td>
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<tr>
<td>65. O. Dwayne Denhart, 7310, Tabulating Machine Operator II</td>
<td>N</td>
<td>$4,230</td>
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<tr>
<td>66. Dorothy Clark, 0322, Recorder</td>
<td>N</td>
<td>$8,400</td>
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<tr>
<td>67. M. Priscilla Howe, 0321, Recorder</td>
<td>N</td>
<td>$8,400</td>
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<tr>
<td>68. Rosene A. Hawthorne, 0324, Assistant Recorder</td>
<td>N</td>
<td>$6,450</td>
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<tr>
<td>69. Myra C. Rucker, 0326, Assistant Recorder</td>
<td>N</td>
<td>$6,150</td>
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<tr>
<td>70. May R. Sanders, 0325, Assistant Recorder</td>
<td>N</td>
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<tr>
<td>71. Vivian Wood, 7823, Assistant Recorder</td>
<td>N</td>
<td>$4,860</td>
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<tr>
<td>72. Ruth M. Taylor, 0365, Secretary — Transcribing</td>
<td>ZN50</td>
<td>$2,100</td>
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<td>(Total Salary)</td>
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<td>73. Elizabeth L. Baille, 6973, Administrative Secretary — Stenographic.</td>
<td>N</td>
<td>$7,900</td>
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<td>74. Robert E. Belmar, 5509, Tabulating Machine Supervisor</td>
<td>N</td>
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Accountancy Committee Revolving

Account Number 12-10-13-001

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<tr>
<td>1. Betty A. Dexter, 0358, Clerk II</td>
<td>N50</td>
<td>$1,500</td>
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<tr>
<td>2. Marianne Mosey, 0362, Clerk III</td>
<td>ZN50</td>
<td>$1,725</td>
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<td>3.                     , 0354, Clerk-Typist II</td>
<td>N</td>
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<tr>
<td>4. M. Zella Hall, 0318, Examiner</td>
<td>ZN75</td>
<td>$6,300</td>
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<td>Total, Accountancy Committee Revolving</td>
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Entrance Examinations Revolving

Account Number 12-10-13-022

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<tbody>
<tr>
<td>1. Audrey L. Lamb, 0341, Clerk-Stenographer II</td>
<td>N</td>
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<tr>
<td>2. Edward J. Smith, 0319, Examiner</td>
<td>ZN25</td>
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<td>Total, Entrance Examinations Revolving</td>
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Indirect Costs — Admissions and Records

Account Number 40-10-13-000

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<tbody>
<tr>
<td>1. Ruth Ann Reifsteck, 6009, Clerk-Stenographer II</td>
<td>N</td>
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<td>Total, Indirect Costs — Admissions and Records</td>
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<td>$3,210</td>
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Legal Counsel

Account Number 00-10-15-000

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<tbody>
<tr>
<td>1. Erma L. Gustafson, 5206, Clerk-Stenographer III</td>
<td>N</td>
<td>$3,990</td>
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<tr>
<td>2. Warren H. Glockner, 5908, Assistant Legal Counsel</td>
<td>N</td>
<td>$7,200</td>
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</table>
3. James E. Harmon, 7246, Assistant Legal Counsel N 10 050
4. Earl L. Palmberg, 0403, Assistant Legal Counsel N 10 890
5. John J. Templin, 5195, Assistant Legal Counsel N 9 990
6. Mary N. Fickel, 0404, Secretary—Stenographic N 6 240
7. Adeline M. Wilson, 0405, Secretary—Stenographic N 4 440
Total, Legal Counsel $52 770

Nonacademic Personnel

Account Number 00-10-16-000
1. Nancy A. Wilson, 6664, Personnel Assistant II N $ 4 140
2. Grace M. Gifford, 0370, Administrative Clerk N 7 380
3. Doris K. Wylie, 0382, Chief Clerk N 4 560
4. Janet L. Flores, 0383, Clerk-Typist II N 1 560
5. Mary J. Larson, 0384, Clerk-Typist II N 3 000
6. Marilena N. Stone, 0381, Clerk-Typist II N 3 180
7. Judith A. Primmer, 0378, Clerk-Typist III N 3 480
8. Ruth E. Harris, 0366, Assistant Director of Nonacademic Personnel N 10 830
9. Irene K. Dorsey, 0375, Visiting Nurse N 5 100
10. Shelda M. Gifford, Personnel Relations Officer N 10 000
11. Donald R. Volm, 7014, Personnel Officer I N 6 450
12. Bernard J. Williams, 6317, Personnel Officer I N 7 000
13. William J. Hylbert, 0374, Placement Officer N 7 400
14. Donald W. Swift, 0369, Placement Officer N 7 400
15. ———, 0372, Secretary—Stenographic N 4 500
Total, Nonacademic Personnel $85 980

Stenographic Service

Account Number 00-10-16-978
1. Rosetta McDaniel, 6399, Clerk II N $ 2 700
2. Scharddele M. Paul, 7484, Clerk II N 2 820
3. Gwendolyn G. Baud, 0389, Clerk III N 3 690
4. ———, 0397, Typing Clerk II N 2 400
5. Lois M. Brown, 0400, Clerk-Typist II N 3 510
6. Carol J. Dawson, 0394, Clerk-Typist II N 3 000
7. Dorothy M. Jordan, 7347, Clerk-Typist II N 2 520
8. ———, 7373, Clerk-Typist II N 2 520
9. Harriett E. Hines, 6399, Duplicating Machine Operator II N 3 060
10. Nancy A. Shenlund, 0392, Duplicating Machine Operator II N 2 820
13. Esther C. Landin, 0387, Duplicating Service Supervisor N 7 500
Total, Stenographic Service $50 460

Indirect Costs—Nonacademic Personnel

Account Number 40-10-16-000
1. Estella H. Deters, 0379, Clerk-Typist II N $ 3 000
2. Anabel C. Gilroy, Secretary—Stenographic N 6 000
Total, Indirect Costs—Nonacademic Personnel $ 9 000

Public Information

Account Number 00-10-18-000
1. Judith A. Torbeck, 7195, Clerk-Typist II N $ 2 880
2. Helen B. Wolfram, 1749, Clerk-Typist III N 3 510
3. A. R. Wildhagen, 1745, Assistant Director of Public Information N 9 500
4. ———, 7171, Assistant Director of Public Information N 9 000
5. Helen H. Ogata, 1748, Secretary—Stenographic N 5 610
6. Nancy Cubbage, 8137, Editorial Writer N (4 200)
BOARD OF TRUSTEES

[June 14

7. Ellenor Tallmadge, 1747, Editorial Writer
   N 5 670
8. Ruth E. Weinard, 1750, Editorial Writer
   N 4 800

Total, Public Information

Blueprinting and Photography Service

Account Number 00-10-18-906

1. Elizabeth A. Moore, 1741, Clerk II
   N 3 300
2. Mary Flandorfer, 1742, Typing Clerk I
   N 2 670
3. James L. Tarr, 1734, Manager of Photographic Laboratory
   N 8 600
4. Charles S. Lane, 1740, Assistant Manager of Photographic Laboratory
   N 6 150
5. Kenneth D. Lester, 1736, Assistant Manager of Photographic Laboratory
   N 6 600
6. Olive E. Mason, 1737, Photographer I
   N 4 020
7. Charles A. Carrington, 1735, Photographer II
   N 5 250
8. Vernon D. Turpin, 1738, Photographer II
   N 4 800
9. ———, 7340, Photographer II
   N 4 200
10. ———, 7343, Photographic Technician I
    N 2 220
11. ———, 7214, Photographic Technician I
    N 3 240
12. ———, 7444, Photographic Technician I
    N 2 700
13. Marjorie F. Burgess, 7759, Photographic Technician II
    N 3 150
14. Ben R. Jeffords, 7461, Photographic Technician II
    N 3 630
15. Billy L. Prather, 7167, Photographic Technician II
    N 3 580

Total, Blueprinting and Photography Service

Dean of Students

Account Number 00-10-20-000

1. Margaret L. McCoy, 6006, Personnel Assistant I
   N 3 180
2. Cherie D. Lenz, 0411, Chief Clerk
   N 4 410
3. Twila C. Jarrett, 0407, Clerk-Stenographer II
   N 3 900
4. Frances R. Fechtig, 0409, Clerk-Stenographer III
   N 3 620
5. Nathalie McLaughlin, 6110, Clerk-Stenographer III
   N 3 300
6. India Mathis, 0410, Placement Officer
   N 6 600
7. Mary Ann Schneider, 0408, Secretary — Stenographic
   N 4 500
8. Hazel A. Yates, 0406, Administrative Secretary — Stenographic
   N 7 800

Total, Dean of Students — General

Dean of Men

Account Number 00-10-21-000

1. Janice Y. Burkholder, 0412, Clerk-Stenographer II
   N 3 180
2. Barbara J. Curry, 7157, Clerk-Stenographer II
   N 3 030
3. Joyce May, 7907, Clerk-Stenographer III
   N 4 200

Total, Dean of Men

Dean of Women

Account Number 00-10-22-000

1. Mary A. Reiman, 0422, Chief Clerk
   N 4 410
2. Mary L. Zimmerman, 2804, Residence Halls Clerk
   G 1 920
   (Nine months)
3. Evelyn M. Buckley, 0423, Clerk-Stenographer II
   N 3 750
4. Sandra H. Holland, 7891, Clerk-Stenographer II
   N 2 940
5. Carolyn M. Ohl, 0937, Clerk-Stenographer II
   N 3 260
6. Nancy A. Reedy, 0424, Clerk-Stenographer III
   N 3 750
7. Sally K. Gamboa, 0421, Secretary — Stenographic
   N 4 800

Total, Dean of Women

Housing Division

Account Number 00-10-24-000

1. Joan F. McCreery, 0481, Clerk-Stenographer II
   N 3 000
2. Edith A. Campbell, 0480, Clerk-Typist II
   N 3 180
3. Clara D. Fay, 0474, Housing Coordinator ....................... N 7,650
4. Albert Kaufman, Jr., 0473, Assistant Director of Housing for Off-Campus Housing .................. N 6,600
5. Ruth C. Heick, 0478, Housing Consultant ....................... N 3,900
6. Robert C. Ross, Jr., 0479, Housing Consultant .................. N 4,200

Total, Housing Division ........................................... $28,530

Coordinating Placement Office
Account Number 00-10-26-000
1. Helen M. Russell, 6602, Clerk III ................................ N $ 4,110
2. Syble E. Henderson, 0482, Placement Officer ................... N 6,300

Total, Coordinating Placement Office ................................ $10,410

Security Office
Account Number 00-10-28-000
1. Darlene C. Blair, 0490, Clerk II .................................. N 2,760
2. Rosemary J. Renfrew, 7540, Typing Clerk II ...................... N 2,610
3. Bertha J. Sunderman, 6670, Typing Clerk III ..................... N 3,390
4. Frances W. Herdien, 0488, Clerk-Stenographer II ............... N 3,450
5. Muriel S. Libby, 0487, Secretary — Stenographic ............... N 2,340
6. Paul D. Walker, 7079, Supervisor of Motor Vehicle Division ........... N 6,330
7. Joseph E. Blaze, 0484, Supervisor of Security and Traffic ZN50 (Total Salary) ................... (10,530)

Total, Security Office ............................................. $20,145

Health Service
Account Number 00-10-30-000
1. Janet E. Barr, 5490, Nurses' Aide ................................ N $ 3,060
2. Roy W. Dart, 7134, Assistant to Director of Health Service ...... N 6,000
3. Sharon L. Brown, 4978, Typing Clerk II .......................... N 2,880
4. Mary A. Buswell, 5253, Typing Clerk II .......................... N 2,520
5. Mary C. Prahl, 6418, Typing Clerk II ............................. N 2,670
6. Edwina D. Rusnak, 0432, Typing Clerk II ......................... N 2,940
7. Mary S. Wedegaertner, 6580, Typing Clerk III ................... N 3,180
8. Judith M. Rudil, 5458, Clerk-Stenographer II ..................... N 3,570
10. Betty M. Ellis, 0429, Clerk-Typist II ............................ N 3,120
11. Joyce J. Sage, 5575, Clerk-Typist II ............................ N 2,760
12. Beatrice M. Wright, 6580, Clerk-Typist II ....................... N 1,680
13. __________________, 0430, Clerk-Typist II ....................... N 1,400
14. __________________, 5511, Clerk-Typist II ....................... N 2,670
15. Wintress Gritten, 0433, Clerk-Typist III ........................ N 3,600
17. Martha A. Boone, 6607, Health Service Nurse ................... N 3,480
18. Dorothy A. Byers, 7610, Health Service Nurse ................... N 3,690
19. Rosemary J. Miller, 0439, Health Service Nurse ................ N 4,050
20. Marjorie H. Perkins, 0437, Assistant Head Health Service Nurse ....... N 4,680
21. Helen A. Freeman, 0436, Supervising Nurse ..................... N 5,430
22. Vannie L. Sheiry, 0426, Secretary — Stenographic ............. N 5,970
23. Helen L. Hill, 0431, Secretary — Transcribing .................. N 4,500
24. Wilda Herndon, 5497, Clinical Laboratory Technician ............ N 4,110
25. W. T. Coggshall, 0441, Laboratory and X-Ray Technician ....... N 6,000

Total, Health Service ................................................ $91,160

Auxiliary — McKinley Hospital
Account Number 18-10-31-720
1. John W. Rice, Hospital Administrator ........................... N $ 7,500
2. Agnes B. Durham, 7551, Nurses' Aide ............................ N 2,580
3. Mae N. Graham, 7326, Nurses' Aide ............................ N 2,580
| 4. | Sara F. Hackler, 8038, Nurses’ Aide | N | 2 400 |
| 5. | ................................. | N | 2 220 |
| 6. | Kathryn H. Brownlee, 7325, Clerk I | N | 2 550 |
| 7. | Joy D. Jamison, 7318, Clerk I | N | 2 670 |
| 8. | Judith E. Cartwright, 6749, Clerk-Typist III | N | 3 180 |
| 9. | Alice Armstrong, 0465, Second Cook | N | 3 510 |

(Perquisites University — two meals)

| 10. | Eleanor G. Jackson, 0464, Second Cook | N | 3 330 |

(Perquisites University — two meals)

| 11. | Ruth M. Siewert, 0463, Second Cook | N | 3 720 |

(Perquisites University — two meals)

| 12. | Mildred K. Smock, 0466, Second Cook | N | 3 180 |

(Perquisites University — two meals)

| 13. | Mary P. Wenhamer, 0443, Dietary | N | 5 160 |
| 14. | Mary Ellen Breen, 0469, Kitchen Helper | N | 3 210 |

(Perquisites University — two meals)

| 15. | Bertie Sitts, 0467, Kitchen Helper | N | 2 630 |

(Perquisites University — two meals)

| 16. | Zora Swearingen, 0472, Kitchen Helper | N | 3 030 |

(Perquisites University — two meals)

| 17. | Mary A. Warmbier, 0470, Kitchen Helper | N | 3 000 |

(Perquisites University — two meals)

| 18. | ................................. | N50 | 1 320 |

| 19. | Robert Hopkins, 3047, Janitor | P | 4 541 |
| 20. | Paul N. Norholm, 3046, Janitor | P | 4 750 |
| 21. | Eugene Kennedy, 7437, Kitchen Laborer | N | 3 300 |
| 22. | Charlotte Bossi, 8150, Medical Record Librarian | N | 4 620 |
| 23. | Mabel Carlisle, 7215, Maid | P | 3 257 |
| 24. | Cecil E. Swinehart, 0442, Business Manager of McKinley Hospital | N | 7 100 |
| 25. | Alma C. Hoag, 0443, Head Nurse | N | 5 220 |
| 26. | Betty Jane Dyer, 0461, Assistant Head Nurse | N | 4 470 |
| 27. | Wilma P. Hart, 0466, Assistant Head Nurse | N | 4 770 |
| 28. | Eva Lavenhagen, 0448, Assistant Head Nurse | N | 4 800 |
| 29. | Mary A. T. Leonard, 0447, Assistant Head Nurse | N | 4 770 |
| 30. | C. Rose Barlow, 7932, Licensed Practical Nurse | N | 2 630 |
| 31. | Lois I. Sadler, 7801, Licensed Practical Nurse | N | 2 820 |
| 32. | Rosemarie J. Allison, 0454, Staff Nurse | N | 3 720 |
| 33. | Elizabeth Bradbury, 0459, Staff Nurse | N50 | 1 830 |
| 34. | Anna F. Jenco, 0450, Staff Nurse | N | 3 900 |
| 35. | Georgia M. Kitzmiller, 0455, Staff Nurse | N | 3 960 |
| 36. | Mary E. McElderry, 5386, Staff Nurse | N | 3 720 |
| 37. | Patricia Anne Nelson, 0456, Staff Nurse | N | 3 720 |
| 38. | Joyce E. Ord, 0460, Staff Nurse | N80 | 3 168 |
| 39. | Ann K. Reynolds, 5492, Staff Nurse | N | 3 720 |
| 40. | Frieda S. M. Stute, 0458, Staff Nurse | N | 4 200 |
| 41. | Barbara M. Winans, 0451, Staff Nurse | N | 3 960 |
| 42. | ................................. | N50 | 1 710 |
| 43. | ............, 0449, Staff Nurse | N | 3 420 |
| 44. | ............., 0453, Staff Nurse | N | 3 420 |
| 45. | Oleda Smith, 0444, Supervising Nurse | N | 5 940 |
| 46. | Helen S. Levine, 6011, Supervising Laboratory and X-ray Technician | N | 5 340 |
| 47. | Rudolph A. Champa, 7902, Medical X-ray Technician II | N | 5 640 |
| 48. | Dorothy Batterton, 8193, Medical Technologist I | H50 | 2 100 |
| 49. | Ann M. McCallum, 7968, Staff Physical Therapist | N | 4 020 |

Total, Auxiliary — McKinley Hospital: $181 788

Provost's Office

Student Counseling Service

Account Number 00-10-34-000

| 1. | Marjorie J. Bergstrom, 0163, Personnel Assistant I | N | $ 3 000 |
| 2. | Mary Alice Black, 0164, Personnel Assistant I | N | 2 550 |
### Bureau of Institutional Research

Account Number 00-10-40-000

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<td>Statistical Clerk</td>
<td>N</td>
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<td>Carol A. Duncan</td>
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### Statistical Service Unit

Account Number 00-10-41-000

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<td>Assistant Director of Statistical Service Unit</td>
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<td>N</td>
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<td>Audrey L. Merz</td>
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<td>Edward G. Snow</td>
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<td>Shirley McKim</td>
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<td>Raymond J. McCabe</td>
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### Tabulating Service

Account Number 00-10-41-082

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### Indirect Costs — Statistical Service Unit

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<td>2. Tabulating Machine Operator III</td>
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<td>John Scouffas, 8226</td>
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<td>3. Tabulating Machine Operator III</td>
<td>00-10-45-100</td>
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<td>Catherine M. Thuney, 7520</td>
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<td>4. Computer Programmer I</td>
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<td>Sheila Puklin, 7492</td>
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<td>5. Donald C. Furtkamp, 5400, Assistant Tabulating Machine Supervisor</td>
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**Central Office on the Use of Space**

Account Number 00-10-44-000

1. John Scouffas, 8226, Space Analyst I ........................................ N $5,000
2. Catherine M. Thuney, 7520, Clerk-Stenographer II ................................ N $3,180
3. Sheila Puklin, 7492, Clerk-Stenographer III ........................................ N $3,900

**Instructional Television**

Account Number 00-10-45-100

1. Mae L. Pilkanis, 7859, Clerk-Typist III ........................................ N $3,180
2. Stanton W. Saltzman, 7947, Television Director-Producer ................................ N $7,000

**Total, Instructional Television** .................................................. N $10,180

**University Honors Programs**

Account Number 00-10-48-000

1. Janet K. Abell, 7777, Clerk-Stenographer II ........................................ N $3,840

**Total, University Honors Programs** .................................................. N $3,840

**Alumni Relations and Records**

Account Number 00-10-50-000

1. Lovetta J. Arnold, 1759, Clerk II ................................................ N $2,820
2. Barbara Christensen, 1752, Clerk II .............................................. N $3,240
3. Velma L. Geisinger, 1754, Clerk II ................................................ N $3,180
4. Joan L. Smock, 1760, Clerk II ...................................................... N $2,640
5. Kathryn L. Van Cleave, 1761, Clerk II ............................................ N $3,060
6. 6692, Clerk II ............................................................. N $3,000
7. Nancy M. Nelligan, 1753, Clerk III ................................................. N $3,480
8. Hazel G. Canfield, 1762, Accounting Clerk I ....................................... N $3,720
9. 7217, Typing Clerk II ............................................................... N $2,580
10. Patricia A. Keating, 1757, Clerk-Stenographer II ................................ N $3,420
11. Suzanne C. Fess, 1751, Clerk-Stenographer III .................................... N $3,780

**Total, Alumni Relations and Records** .............................................. N $34,920

**Illini Center**

Account Number 00-10-53-000

1. Janet L. Sleasman, 0494, Chief Clerk .............................................. N $4,800
2. Judith M. Lennon, 0495, Clerk-Stenographer II ..................................... N $4,260

**Total, Illini Center** ............................................................... N $9,060

**Building Program Committee**

Account Number 00-10-62-000

1. Barbara J. Chirpe, 0491, Typing Clerk II .......................................... N $2,730

**Total, Building Program Committee** ................................................. N $2,730

**Committee on Student English**

Account Number 00-10-68-000

1. 7217, Clerk-Typist II ............................................................... N $2,400
2. Catherine M. Holst, 0492, Clerk-Typist III ....................................... N $3,180

**Total, Committee on Student English** .............................................. N $5,580

**Safety and Accident Compensation**

Account Number 00-10-94-000

1. Shirley P. Kelley, 7223, Clerk-Stenographer III .................................... N $3,780
2. John Morris, 7410, Safety Coordinator .................. N 10,300
3. Max N. Pike, 5451, Supervisor of Accident Compensation N 7,050
Total, Safety and Accident Compensation .................. $21,130

INDIRECT COSTS—WORKMEN'S COMPENSATION

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<th>Position</th>
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<td>Alfreda G. Mitchell</td>
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<td>Charles B. Wingstrom</td>
<td>Safety Inspector</td>
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Total, Indirect Costs—Workmen's Compensation .................. $11,620

COLLEGE OF AGRICULTURE

Administration

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<td>00-15-01-100</td>
<td>D. A. Gillespie</td>
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<td>Neda A. Lyons, 0909</td>
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<td>Eleanore M. Mendel, 1204</td>
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<td>Neva B. Millard, 0901</td>
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Total, Administration (College) .................. $33,090

Station

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<td>Robert E. Sullivan, 5912</td>
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<td>Elinor A. Corley, 0912</td>
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<td>Eugene E. Lowry, 0903</td>
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Extension

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<td>Elizabeth Brown, 1207</td>
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<td>Geraldine M. Baker, 1215</td>
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<td>Patricia Meyers, 1197</td>
<td>Junior Illustrator</td>
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25. William N. Jenkins, 1226, Duplicating Machine Operator II ........................................ N 3 480
26. ........................................, 1224, Duplicating Machine Operator II ...... N 2 880
27. Carl N. Empson, 1221, Duplicating Machine Operator III N 5 400
29. Helen M. Bailey, 1225, Office Appliance Operator I ........... N 2 820
30. Ronald B. Hudson, 1222, Office Appliance Operator II ...... N 3 300
31. Rose Marie Dunn, 6373, Tabulating Machine Operator I N 3 570
32. L. Katherine Darland, 1190, Secretary — Stenographic .. N 5 700
33. Ronald J. Smith, 1220, Storekeeper .................... N 5 130
34. Marion F. Berry, 1188, Office Supervisor .......... N 7 200
35. Patricia A. Close, 1218, Editorial Writer .............. N 5 220

Total, Administration (Extension) ........................................ $128 760

Agricultural Mimeographing Service
Account Number 09-15-01-902
1. Nancy L. Brown, 6315, Clerk I ........................ N $ 3 000
2. Sarah Hollingsworth, 6820, Clerk I .................. N 1 680
3. Charles H. Metzel, Jr., 7302, Clerk II .............. N 3 000
4. Rene Lara, 6141, Duplicating Machine Operator I N 2 940
5. Richard M. Sheets, 7455, Duplicating Machine Operator I N 2 820
6. ........................................, 7057, Duplicating Machine Operator I N 2 520

Total, Agricultural Mimeographing Service .......................... $15 960

Agricultural Departmental Revolving
Account Number 12-15-01-316
1. Delmar L. Hillman, 6318, Clerk III .................. N $ 4 200
2. Larry Lee King, 7884, Clerk III ..................... N 3 300
3. Barbara J. Baldwin, 7494, Clerk-Typist II ........... ZN 1 950
4. ........................................, 6984, Office Appliance Operator I ...... N 1 350

Total, Agricultural Departmental Revolving ........................ $10 800

Agricultural Sales Revolving
Account Number 12-15-01-378
1. Roy F. Michael, 1032, Storekeeper .................. N $ 5 490

Total, Agricultural Sales Revolving ................................. $ 5 490

Hatch — Administration — General Administration of Federal Funds
Account Number 21-15-01-301
1. David R. Harmon, 1187, Clerk II .................... N $ 2 700

Total, Hatch — Administration — General Administration of Federal Funds .......................... $ 2 700

Robert Allerton Park
Account Number 44-15-01-401
1. Buckner Carnder, 1766, Park Attendant .............. N $ 4 860
2. Enfer E. Evans, 1765, Park Attendant .............. N 4 860
3. Ervin W. Ison, 1768, Park Attendant .............. N 4 860
4. James G. Rogers, 1767, Park Attendant ............ N 4 860
5. Evelyn K. McIntyre, 5231, Clerk I ................... N 1 500
6. Myrlin F. Buckingham, 1763, Park Foreman ....... N 5 400
7. Gerald J. Sites, 5955, Maintenance Worker ....... N 5 280

Total, Robert Allerton Park ........................................... $31 620

Cooperative Investigations
VARIOUS DONORS — URBAN 4-H CLUB WORK
Account Number 44-15-01-488
1. Rose Mary Benes, 7397, Clerk-Stenographer III ........ N $ 3 900
U.S. INTERNATIONAL COOPERATION ADMINISTRATION — FOREIGN VISITORS
Account Number 46-15-01-128

1. Martha L. Jones, 7957, Clerk-Typist III ................. ZN50 $ 1,440
   (Total Salary) ........................................... (3,480)
2. Doris J. Lamb, 6286, Clerk-Typist III ................. N $ 3,480
3. Mary Svetez, 0905, Secretary — Stenographic ........ ZN6 $ 3,600
   (Total Salary) ........................................... (6,000)

Total, INTERNATIONAL COOPERATION ADMINISTRATION — FOREIGN VISITORS ........................................... $ 5,580

Agricultural Economics
Account Number 00-15-05-100

1. Sylvia J. King, 0947, Clerk-Stenographer III .......... N $ 3,780

Total, Agricultural Economics (College) ................. $ 3,780

Station
Account Number 00-15-05-300

1. Betty I. Hansen, 5059, Clerk II ......................... ZN33 $ 3,000
   (Total Salary) ........................................... (3,000)
2. Doris M. Roush, 0946, Clerk II ......................... ZN50 $ 1,650
   (Total Salary) ........................................... (3,000)
3. Mary Margaret Graham, 0945, Clerk III ................. N $ 3,600
4. Frances C. Frick, 6683, Chief Clerk ................... N $ 4,470
5. Thelma S. O’Neil, 0944, Chief Clerk .................... N $ 6,000
6. Wanda K. Hallendorff, 0948, Clerk-Stenographer II .... ZN70 $ 2,085
   (Total Salary) ........................................... (3,000)
7. __________________, 0960, Clerk-Stenographer II ....... N $ 3,530
8. __________________, 0951, Clerk-Typist II ............... N $ 2,610
9. Mary J. Whitman, 0950, Office Appliance Operator I ... N $ 2,760
10. Margaret R. Henry, 5366, Office Appliance Operator II.. ZN12 $ 3,450
   (Total Salary) ........................................... (2,850)
11. Ruth Gorrell, 0940, Secretary — Stenographic .......... N $ 6,000
12. Dolores L. Bowers, Statistician I ....................... ZN36 $ 1,350
   (Total Salary) ........................................... (3,720)

Total, Agricultural Economics (Station) .................. $33,750

Farm Management Service
Account Number 09-15-05-926

1. Doris M. Roush, 0946, Clerk II ......................... ZN40 $ 1,350
2. Audrey I. Wynn, 0236, Typing Clerk II ................. ZN50 $ 1,530
   (Total Salary) ........................................... (3,100)

Total, Farm Management Service .......................... $ 2,880

Farm Accounting Revolving
Account Number 12-15-05-326

1. Carolyn S. Graham, 0966, Office Appliance Operator I ... N $ 2,760
2. __________________, 0965, Office Appliance Operator I ... N $ 2,400
3. __________________, 0967, Office Appliance Operator I ... N $ 2,400
4. Bernice Piskie, 0964, Office Appliance Operator II .... N $ 2,820

Total, Farm Accounting Revolving .......................... $10,380

Hatch — Economics — Farm Accounting Investigation
Account Number 21-15-05-301

1. Karen L. Strack, 7651, Clerk-Stenographer II .......... N $ 1,550
2. Dorris M. Albin, 0962, Office Appliance Operator II .... N $ 2,880
3. Margaret R. Henry, 5366, Office Appliance Operator II ... ZN88 $ 2,505

Total, Hatch — Economics — Farm Accounting Investigation .... $ 6,975
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<td>00-15-10-100</td>
<td>Agricultural Engineering</td>
<td>Marjorie G. Freebairn</td>
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<td>H. W. Hempler</td>
<td>Senior Laboratory Mechanic</td>
<td>$6,480</td>
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<td>00-15-10-300</td>
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<td>William F. Baker</td>
<td>Accountant I</td>
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<td>Arthur L. Carlson</td>
<td>Senior Laboratory Attendant</td>
<td>$5,250</td>
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<td>Barbara J. Baldwin</td>
<td>Clerk-Typist II</td>
<td>$1,060</td>
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<td></td>
<td></td>
<td>(Total Salary)</td>
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<td>(3,000)</td>
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<td></td>
<td>Ruth C. Mann</td>
<td>Clerk-Typist II</td>
<td>$1,800</td>
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Hatch — Engineering — Efficiency in Farm Buildings
Account Number 21-15-10-374
1. James R. Johnstone, 7111, Junior Laboratory Mechanic... ZN50 $ 2,850

Total, Hatch — Engineering — Efficiency in Farm Buildings... $ 2,850

Regional Research Fund — Engineering — Optimum Pig Environment Farrowing
Account Number 23-15-10-371
1. James R. Johnstone, 7111, Junior Laboratory Mechanic... ZN15 $ 855

Total, Regional Research Fund — Engineering — Optimum Pig Environment Farrowing... $ 855

Cooperative Investigations
PORTLAND CEMENT ASSOCIATION — FARM STRUCTURES
Account Number 44-15-10-367
1. James R. Johnstone, 7111, Junior Laboratory Mechanic... ZN25 $ 1,425

STATE OF ILLINOIS DIVISION OF HIGHWAYS — HIGHWAY DRAINAGE LAWS AND PRACTICES
Account Number 47-15-10-317
1. Joann L. Bier, 7991, Clerk-Typist II... ZN50 $ 1,560

(Total Salary).................................................. (3,120)

STATE OF ILLINOIS DIVISION OF HIGHWAYS — ROADSIDE COVER
Account Number 47-15-10-374
1. Joann L. Bier, 7991, Clerk-Typist II... ZN50 $ 1,560
2. Clifford W. Schilling, 7685, Junior Laboratory Mechanic... N 5,580

Total, State of Illinois Division of Highways — Roadside Cover... $ 7,140

College
Agronomy
Account Number 00-15-10-100
1. Virginia R. Patton, 0981, Clerk III... N $ 3,360
2. Susie G. Webster, 0984, Clerk-Typist II... N 3,510
3. Cecile E. Schlarman, 0979, Office Supervisor... N 6,300

Total, Agronomy (College)... $13,170

Station
Account Number 00-15-10-300
1. John M. Parker, 7639, Scientific Analyst... N $ 4,500
2. Francis P. Conery, 0995, Junior Laboratory Attendant... N 4,460
3. Albert H. Hatchett, 0992, Junior Laboratory Attendant... N 4,320
4. Clarence W. Hayden, 6690, Junior Laboratory Attendant... N 819

(Total Salary).................................................. (1,719)
5. Cheng-Yin Cheng, 0974, Senior Laboratory Attendant... N 4,800
6. Nelle G. Pieper, 0982, Clerk II... N 3,300
7. Elvera Keen, 7860, Clerk III... N 3,600
8. Lulu B. Meyers, 0960, Chief Clerk... N 6,300
9. Norma J. Templin, 6616, Chief Clerk... N 7,780
10. Jean A. Swanson, 7025, Statistical Clerk... N 3,000
11. Marilyn G. Johnson, 0988, Clerk-Typist II... N 3,000
12. Joy M. McCormick, 0986, Clerk-Typist II... N 3,000
13. Joyce A. Place, 0987, Clerk-Typist II... N 3,240
14. Brigitta Rasmussen, 0983, Clerk-Typist II .......................... N 2 640
15. Ingeborg K. Steinke, 6507, Clerk-Typist II ..................... N 50 1 530
17. Quentin A. Calder, 0997, Fieldman ............................ N 5 100

(Perquisites University — housing)
18. Elza R. Hawkins, Jr., 0998, Fieldman .......................... N 5 040
19. Herbert M. Hayes, 1002, Fieldman ............................. N 5 100
20. Archie R. Mahaffey, 1001, Fieldman ........................... N 5 100
21. Joseph C. Mitsdarfer, 0999, Fieldman .......................... N 5 100
22. Otis W. Pile, 1003, Fieldman ................................. N 5 100
23. Queto J. Renner, 1000, Fieldman .............................. N 4 620
24. Richard R. Bell, 1004, Farm Foreman .......................... N 5 400

(Perquisites University — housing)
25. L. W. Clapp, 0996, Farm Foreman ............................... N 5 070
26. Bob Hudson, 0388, Farm Foreman ............................... N 5 040
27. Charles Mahannah, Jr., 1006, Agricultural Gardener ........ N 3 180
28. Vivian M. Young, 0990, Office Appliance Operator II ....... N 3 180
29. Gloria L. Hoffman, 7024, Statistician I ....................... N 3 300
30. Kenneth E. Williams, 7906, Crops Testing Technician ....... N 5 400

Total, Agronomy (Station) ........................................... $122 840

Corn Testing Revolving
Account Number 12-15-15-311
1. Gerald L. Ross, 6596, Crops Testing Technician ............... N $ 5 400

Total, Corn Testing Revolving ..................................... $ 5 400

Hatch — Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois
Account Number 21-15-15-362
1. Ilona Sandorfi, 5307, Draftsman ............................... N $ 3 780

Total, Hatch — Agronomy — Characteristics and Distribution of Selected Soils in Northwestern Illinois ... $ 3 780

Hatch — Agronomy — Measurement Production Rate RTO
Account Number 21-15-15-372
1. Lucille J. Felgenhour, 0991, Clerk II ......................... N $ 3 660

Total, Hatch — Agronomy — Measurement Production Rate RTO $ 3 660

Hatch — Agronomy — Physics of Water AK
Account Number 21-15-15-381
1. Clarence W. Hayden, 6690, Junior Laboratory Attendant ....... ZN20 $ 900

Total, Hatch — Agronomy — Physics of Water AK ................ $ 900

Cooperative Investigations
ILLINOIS SEED PRODUCERS — CORN
Account Number 44-15-15-346
1. Donald E. Cler, 6203, Fieldman ............................... N $ 5 040

U.S. ATOMIC ENERGY COMMISSION 790
Account Number 46-15-15-301
1. Mary E. Fisher, 6891, Senior Laboratory Attendant ......... N $ 4 980

U.S. ATOMIC ENERGY COMMISSION 791
Account Number 46-15-15-302
1. Donna J. Flesher, 6525, Senior Laboratory Attendant ....... N $ 4 980

U.S. NATIONAL SCIENCE FOUNDATION G 4407
Account Number 46-15-15-359
1. ————, 8024, Senior Laboratory Attendant ................... N $ 4 500

U.S. NATIONAL SCIENCE FOUNDATION G9430
Account Number 46-15-15-360
1. James Richards, 7916, Junior Laboratory Attendant ......... N $ 4 120
### College

**Account Number 00-15-20-100**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>C. L. Abercrombie</td>
<td>Accounting Clerk II</td>
<td>$4,620</td>
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<tr>
<td>Betty Velle</td>
<td>Clerk-Stenographer II</td>
<td>$2,850</td>
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<tr>
<td>Marvone W. Blackmore</td>
<td>Clerk-Stenographer III</td>
<td>$1,680</td>
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<td>Harriet E. Ellis</td>
<td>Clerk-Typist II</td>
<td>$2,700</td>
</tr>
<tr>
<td>J. W. Butler</td>
<td>Fieldman</td>
<td>$5,100</td>
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<tr>
<td>Wesley E. Schulthes</td>
<td>Fieldman</td>
<td>$5,100</td>
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<tr>
<td>Maurice Key</td>
<td>Supervising Farm Foreman</td>
<td>$6,300</td>
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<tr>
<td>Jasper Lewis</td>
<td>Butcher</td>
<td>$5,880</td>
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<tr>
<td>W. A. Majors</td>
<td>Herdsman</td>
<td>$5,100</td>
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<td>Thorne L. Mattis</td>
<td>Herdsman</td>
<td>$5,100</td>
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<tr>
<td>Ervin L. Nordling</td>
<td>Poultyman</td>
<td>$5,100</td>
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<tr>
<td>Linetta M. Parry</td>
<td>Secretary — Stenographic</td>
<td>$5,820</td>
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*Total, Animal Science (College): $60,450*

### Station

**Account Number 00-15-20-100**

<table>
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<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>Francis J. Dorsey</td>
<td>Junior Laboratory Attendant</td>
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<td>Charles H. Anders</td>
<td>Senior Laboratory Attendant</td>
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<td>William Casebeer Jr.</td>
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<td>Clifford A. Drescher</td>
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<td>Raymond R. Marsh</td>
<td>Senior Laboratory Attendant</td>
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<td>Jasper Lewis</td>
<td>Butcher</td>
<td>$3,060</td>
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<tr>
<td>Paul E. Reynolds</td>
<td>Butcher</td>
<td>$5,700</td>
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<tr>
<td>Patricia K. Drew</td>
<td>Typing Clerk III</td>
<td>$1,740</td>
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<td>Joanne I. Billman</td>
<td>Clerk-Stenographer II</td>
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<td>Benjah V. Dodd</td>
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<td>Mary A. Hausmann</td>
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<td>Alma E. White</td>
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<td>M. Linea Steward</td>
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<td>Carol A. Zindars</td>
<td>Clerk-Typist II</td>
<td>$3,300</td>
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<td>Dean R. Carmien</td>
<td>Fieldman</td>
<td>$5,040</td>
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<td>Ray Carmien</td>
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<td>$2,460</td>
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<td>Alva G. Potts</td>
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<td>J. Paul Rayburn</td>
<td>Fieldman</td>
<td>$5,250</td>
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<td>Roy F. Block</td>
<td>Fieldman</td>
<td>$4,620</td>
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<td>R. H. McDade</td>
<td>Herdsman Foreman</td>
<td>$5,820</td>
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<td>Walter McWard</td>
<td>Herdsman Foreman</td>
<td>$5,880</td>
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<tr>
<td>Herbert M. Goldman</td>
<td>Statistician</td>
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*Total, Animal Science (Station): $126,985*
## Stores — Feed Storage Overhead

Account Number 08-15-20-927

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<td>Marvene W. Blackmore</td>
<td>6095</td>
<td>$1,680</td>
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<td>Ray Carmien, Fieldman</td>
<td>7466</td>
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<td>Wayne E. Roberts</td>
<td>5333</td>
<td>$1,960</td>
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<td>Richard L. Munds</td>
<td>1049</td>
<td>$3,100</td>
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**Total, Stores — Feed Storage Overhead**: $11,200

## Hatch — Animal Science — Animal Nutrition

Account Number 21-15-20-306

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<tr>
<td>William Casebeer, Jr.</td>
<td>1036</td>
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**Total, Hatch — Animal Science — Animal Nutrition**: $4,800

## Hatch — Animal Science — Beef Cattle from Non-corn Acreage

Account Number 21-15-20-349

<table>
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<th>Name</th>
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<tbody>
<tr>
<td>Jasper Lewis</td>
<td>1039</td>
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**Total, Hatch — Animal Science — Beef Cattle from Non-corn Acreage**: $3,060

## Hatch — Animal Science — Physiology and Reproduction in Swine

Account Number 21-15-20-352

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<th>Name</th>
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<tr>
<td>W. Walter Jackson</td>
<td>6290</td>
<td>$3,212</td>
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**Total, Hatch — Animal Science — Physiology and Reproduction in Swine**: $3,212

## Cooperative Investigations

**MERCK AND COMPANY, INC. — GROWTH STIMULATION FOR SWINE**

Account Number 44-15-20-346

<table>
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<th>Name</th>
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<td>James F. Bonnell</td>
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<td>W. Walter Jackson</td>
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**Total, Merck and Company, Inc. — Growth Stimulation for Swine**: $6,988

**MIDWEST DRY MILK — WHEY EVALUATION**

Account Number 44-15-20-349

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<tr>
<td>Lowell D. Toppe</td>
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**VIOBON CORPORATION — OCTACOSONAL**

Account Number 44-15-20-390

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<td>Gerald D. Jones</td>
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## U.S. ARMY MD 544

Account Number 46-15-20-303

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<td>James G. Bergan</td>
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<td>Louis N. Nash</td>
<td>6335</td>
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<td>Roberta M. Durdle</td>
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**Total, U.S. Army MD 544**: $7,398

## U.S. NATIONAL SCIENCE FOUNDATION G8962

Account Number 46-15-20-359

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<th>Name</th>
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<td>Roberta M. Durdle</td>
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## U.S. PUBLIC HEALTH SERVICE B1386

Account Number 46-15-20-368

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<tr>
<td>Bruce A. Hawkins</td>
<td>6199</td>
<td>$4,680</td>
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### County Farm Extension

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<th>Name</th>
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<td>Hazel S. Brooks</td>
<td>Clerk I</td>
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<td>00-15-25-400</td>
<td>Carol A. Block</td>
<td>Clerk-Stenographer II</td>
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<td>00-15-25-400</td>
<td>Barbara R. Craig</td>
<td>Clerk-Stenographer II</td>
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<td>00-15-25-400</td>
<td>Arlene A. Wakefield</td>
<td>Clerk-Stenographer II</td>
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<td>00-15-25-400</td>
<td>Helen L. Nowning</td>
<td>Clerk-Stenographer III</td>
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<td>00-15-25-400</td>
<td>Virginia A. Kobel</td>
<td>Clerk-Typist II</td>
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<tr>
<td>00-15-25-400</td>
<td>Patricia A. Sagadine</td>
<td>Tabulating Machine Operator I</td>
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<td>00-15-25-400</td>
<td>Elizabeth H. Hulett</td>
<td>Secretary — Stenographer</td>
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**Total, County Farm Extension**

$20,730

### Auxiliary — 4-H Memorial Camp Operation

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<td>18-15-25-780</td>
<td>Robert J. Dowdle</td>
<td>Park Attendant</td>
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(Perquisites University — housing)

**Total, Auxiliary — 4-H Memorial Camp Operation**

$4,860

### County Home Extension

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<th>Position</th>
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<td>Pauline B. Hallberg</td>
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<td>Betty L. Hettinger</td>
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<td>M. Carol Erb</td>
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<td>Carol A. Griffith</td>
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<td>Margo M. Johnston</td>
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<td>Sandra K. Pridemore</td>
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<td>Irma J. Wienke</td>
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<td>00-15-30-400</td>
<td>Mildred M. Lair</td>
<td>Office Supervisor</td>
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**Total, County Home Extension**

$32,970

### Dairy Science

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<td>Francis E. Althaus</td>
<td>Junior Laboratory Attendant</td>
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<td>00-15-35-100</td>
<td>Melva J. Warfel</td>
<td>Clerk-Stenographer II</td>
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<td>00-15-35-100</td>
<td>Jean M. Baker</td>
<td>Clerk-Stenographer III</td>
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<td>Marjorie M. Hildreth</td>
<td>Clerk-Stenographer III</td>
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<td>00-15-35-100</td>
<td>Marilyn R. Mintz</td>
<td>Clerk-Typist II</td>
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<td>00-15-35-100</td>
<td>Elizabeth A. Teuscher</td>
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<td>00-15-35-100</td>
<td>Ray E. King</td>
<td>Herdsman</td>
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<td>00-15-35-100</td>
<td>Harold J. Menacher</td>
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<td>00-15-35-100</td>
<td>Paul D. Moore</td>
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<td>00-15-35-100</td>
<td>Charles S. Spitz</td>
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<td>Rees W. Vandermeer</td>
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<td>Rhea Adams</td>
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**Total, Dairy Science (College)**

$51,060

### Station

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<td>Joseph Pohl</td>
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<td>00-15-35-300</td>
<td>Joanna Cavanaugh</td>
<td>Clerk-Typist II</td>
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<td>00-15-35-300</td>
<td>S. A. Hollingsworth</td>
<td>Clerk-Typist II</td>
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<td>00-15-35-300</td>
<td>Marijean R. Rickard</td>
<td>Clerk-Typist II</td>
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<td>00-15-35-300</td>
<td>Burford E. Hammitt</td>
<td>Fieldman</td>
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<td>00-15-35-300</td>
<td>Russel R. Layman</td>
<td>Fieldman</td>
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**Total Salary**

(2,820)

(2,820)

$5,100

$5,100
9. Henry L. Wann, 1001, Fieldman .................................. N 5 100
10. Fay Campbell, 1072, Farm Foreman ......................... N 5 940
   (Perquisites University - housing)
11. Roy L. Shirley, 1073, Supervising Farm Foreman .... N 6 120
   (Perquisites University - housing)
12. Leslie I. Elder, 1089, Herdsman ................................ N 4 920
13. Gilbert L. Foreman, 1088, Herdsman ..................... N 5 100
14. Paul F. Hallowell, 1084, Herdsman ....................... N 5 100
15. Arthur E. Miller, 1075, Herdsman .......................... N 5 310
16. Clarence R. Millsap, 1095, Herdsman .................... N 4 980
17. Robert Lee O'Bryan, 1097, Herdsman ..................... N 5 100
18. Burl E. Petty, 1086, Herdsman .............................. N 5 220
19. Charles G. Peyton, 1094, Herdsman ....................... N 5 100
20. Eugene S. Poehler, 1063, Herdsman ....................... N 5 100
21. Frank Seiler, 1083, Herdsman ............................... N 5 220
22. Warren R. Smith, 1079, Herdsman ......................... N 5 310
23. Orville C. Starwalt, 1077, Herdsman ...................... N 5 280
24. Virgil D. Unzicker, 1096, Herdsman ...................... N 4 980
25. James A. Voss, 1076, Herdsman ............................ N 5 280
26. Lawrence E. Williams, 1080, Herdsman ................... N 5 100

Total, Dairy Science (Station) ...................................... $122 625

Dairy Official Testing Revolving
Account Number 12-15-35-316

1. Sherman M. Dockum, 1105, Advanced Registry Tester ... N $ 4 320
2. Charles K. Hays, 1102, Advanced Registry Tester ...... N $ 4 320
3. Henry W. Hern, 1107, Advanced Registry Tester ....... N 4 320
4. John H. Turner, 1104, Advanced Registry Tester ...... N 3 990
5. ———————, 1108, Advanced Registry Tester .......... N 3 780

Total, Dairy Official Testing Revolving ........................... $20 700

Hatch — Dairy Science — Metabolism in Ruminants
Account Number 21-15-35-315

1. Stewart N. Summers, 8216, Junior Laboratory Attendant. N $ 3 960
2. Marijean R. Rickard, 1068, Clerk-Typist II ........... ZN20 570

Total, Hatch — Dairy Science — Metabolism in Ruminants ........ $ 4 530

Hatch — Dairy Science — Artificial Insemination
Account Number 21-15-35-316

1. Ronald A. Harris, 7371, Junior Laboratory Attendant .... N $ 3 960
2. S. A. Hollingsworth, 0173, Clerk-Typist II ........... ZN10 270

Total, Hatch — Dairy Science — Artificial Insemination .... $ 4 230

Hatch — Dairy Science — Metabolism of Spermatozoa
Account Number 21-15-35-317

1. Carol W. Gesell, 5591, Senior Laboratory Attendant .... N $ 4 680

Total, Hatch — Dairy Science — Metabolism of Spermatozoa . $ 4 680

Cooperative Investigations

ROCKEFELLER FOUNDATION — FUNDAMENTAL BIOLOGY
Account Number 44-15-35-373

1. M. Elizabeth Hageman, 6299, Senior Laboratory Attendant N60 $ 3 116
2. Lydia S. Meyer, 6089, Senior Laboratory Attendant ...... N 4 920

Total, Rockefeller Foundation — Fundamental Biology .... $ 8 036

U.S. PUBLIC HEALTH SERVICE A3156
Account Number 46-15-35-365

1. Inge M. Michel, 6363, Junior Laboratory Attendant .... N $ 3 960
2. Harold A. Bond, 7721, Senior Laboratory Attendant ... N 4 920

Total, U.S. Public Health Service A 3156 .................... $ 8 880
Dixon Springs Experiment Station

Account Number 00-15-40-300
1. R. W. Anderson, 0921, Senior Laboratory Attendant ...... ZN7 $ 3 600
   (Total Salary) .................................................. (4 800)
   (Perquisites University — lodging) ................................
2. Wanda L. Randolph, 0918, Clerk-Stenographer I ............ N 2 820
3. Doris Jean Richards, 7339, Clerk-Stenographer III .......... N 3 720
4. Robie T. Anderson, 0934, Assistant Farmer .............. N 3 480
5. Buel L. Bailey, 0929, Assistant Farmer ............... N 3 510
6. Ernest W. Bailey, Assistant Farmer .................. ZN57 2 100
   (Total Salary) .................................................. (3 660)
   (Perquisites University — lodging) ................................
7. John R. Bailey, 0933, Assistant Farmer ................ N 3 810
8. Lowell L. Bailey, 0932, Assistant Farmer .............. N 3 780
9. James R. Boaz, 0922, Assistant Farmer .............. N 3 780
10. Maurice E. Burgess, 0744, Assistant Farmer .......... N 3 540
11. Raymond Enyart, 7904, Assistant Farmer ............ N 3 780
12. B. W. Hardin, 0927, Assistant Farmer ............... N 4 170
13. Joe S. Harris, 0938, Assistant Farmer .............. N 3 660
14. Gerald Klink, 5360, Assistant Farmer .............. N 3 600
15. Ronald O. Phelps, 0928, Assistant Farmer .......... N 3 600
16. Edward Sharp, 0937, Assistant Farmer .............. N 3 480
17. James Trigg, 0939, Assistant Farmer .............. N 3 900
18. Maurice R. Wells, 0930, Assistant Farmer .......... N 3 900
19. Eugene Wise, 0924, Assistant Farmer .............. N 3 660
   (Total Salary) .................................................. (3 840)
   (Perquisites Employee — lodging) ................................
20. J. Wayne Mizell, 0925, Farm Foreman ............... N 4 260
   (Perquisites University — lodging) ................................
21. Earl Williamson, 0926, Farm Foreman .............. N 4 980
   (Perquisites University — lodging) ................................
22. Thomas E. Lauderdale, 0920, Herdsman Foreman ....... N 4 410
   (Perquisites University — lodging) ................................
23. Oakley Robinson, 0919, Herdsman Foreman .......... N 4 980
   (Perquisites University — lodging) ................................
24. Lee Phelps, 5872, Farm Mechanic Foreman .......... N 4 500
   (Perquisites University — lodging) ................................
25. James W. Hemphill, 7386, Building Mechanic Foreman .... N 4 500
26. Irene Fritch, 6766, Housekeeper ...................... H (2 610)
27. Roy Brush, 0935, Farm Laborer ...................... N 3 420
28. Clarence Tooley, 0936, Farm Laborer .............. N 3 420
29. Howard Bradley, 7385, Building Mechanic .......... N 3 960
30. Fred Kerley, 7383, Building Mechanic .............. N 3 960
31. Wayne Lewis, 7384, Building Mechanic .......... N 3 960
32. Donnie R. Morris, 0108, Farm Mechanic .......... N 3 780
33. Leah M. Dunn, 0917, Secretary — Stenographic .... ZN50 3 090
   (Total Salary) .................................................. (6 180)

Total, Dixon Springs Experiment Station .................. $121 110

Hatch — Dixon Springs — Pasture, All Projects

Account Number 21-15-40-301
1. Ernest W. Bailey, 0943, Assistant Farmer .... ZN43 1 560
2. Lowell W. Phelps, 8210, Assistant Farmer ....... N 3 390
3. Dee Robinson, 0942, Assistant Farmer .......... N 3 990
   (Perquisites University — lodging) ........................
4. Leslie Maynor, 7411, Building Mechanic ....... N 3 960

Total, Hatch — Dixon Springs — Pasture, All Projects $12 810

Hatch — Dixon Springs — Production and Maintenance of Forage Crops

Account Number 21-15-40-326
1. Claude E. Parks, 0931, Assistant Farmer .... ZN50 1 800
   (Total Salary) .................................................. (3 690)
1650  BOARD OF TRUSTEES  [June 14

2. Victor N. Watson, 8130, Farm Laborer .......................... ZN70 2,420
   (Total Salary) .................................................. (3,420)
   Total, Hatch—Dixon Springs—Production and Maintenance of Forage Crops.............. $4,220

**Hatch—Dixon Springs—Control of Sheep and Cattle Parasites**
Account Number 21-15-40-335
1. Carl B. Aaron, 0931, Assistant Farmer .................. N $3,600
   Total, Hatch—Dixon Springs—Control of Sheep and Cattle Parasites .................. $3,600

**Hatch—Dixon Springs—Silage Made from Component Parts and the Whole of Various Plants**
Account Number 21-15-40-338
1. John S. Whiteside, 7797, Farm Mechanic ................. N $3,750
   Total, Hatch—Dixon Springs—Silage Made from Component Parts and the Whole of Various Plants $3,750

**Hatch—Dixon Springs—Effect of Various Pastures on Breeding Efficiency of Sheep and Cattle**
Account Number 21-15-40-342
1. Victor N. Watson, 8130, Farm Laborer .................. ZN30 $1,000
   Total, Hatch—Dixon Springs—Effect of Various Pastures on Breeding Efficiency of Sheep and Cattle $1,000

**Regional Research Fund—Dixon Springs—Improving Beef Cattle by Breeding Selection**
Account Number 23-15-40-372
1. Rillis L. Kerley, 5461, Assistant Farmer ............... N $3,600
   Total, Regional Research Fund—Dixon Springs—Improving Beef Cattle by Breeding Selection $3,600

**College Food Technology**
Account Number 00-15-50-100
1. Estelle T. Mann, 1111, Clerk-Typist III .................. N $3,900
2. Maribelle Dean, 1109, Secretary—Stenographic .......... N 4,500
   Total, Food Technology (College) .......................... $8,400

**Station**
Account Number 00-15-50-300
1. Ralph J. Getz, 1118, Dairy and Food Plant Attendant ... N $5,100
2. Walter W. Reinhart, 1117, Dairy and Food Plant Attendant ....... N 5,220
3. Basil E. Reynolds, 1116, Dairy and Food Plant Attendant N 4,800
4. ————, 5142, Clerk-Typist II ............................... N 2,400
5. ————, 6501, Clerk-Typist II ............................... N 2,600
6. Reba N. Corray, 1110, Clerk-Typist III .................. N $3,420
   Total, Food Technology (Station) .......................... $23,540

**Cooperative Investigations**
STATE OF ILLINOIS DEPARTMENT OF AGRICULTURE—CARBOHYDRATE COATING
Account Number 47-15-50-311
1. Nina Noubar, 8172, Junior Laboratory Attendant ........ N $3,960

**Forestry**
Account Number 00-15-55-100
1. Sara M. Lieb, 1120, Clerk-Typist III ...................... N $3,600
2. Dorothy E. Hanke, 1119, Secretary—Stenographic ........ N 6,120
   Total, Forestry (College) ................................... $9,720
### Station

**Account Number 00-15-55-300**

1. Paul E. Quertermous, 6448, Chief Clerk  
   (Total Salary) ................................................. N 2,940  
   *Total, Forestry (Station)*  

2. Edith E. Vetter, 7949, Clerk-Typist II  
   (Total Salary) ................................................. N 2,940  

---

**Hatch — Forestry — Plantations**

**Account Number 21-15-55-341**

1. Lowell L. Ditterline, 1122, Assistant Farmer  
   (Total Salary) ................................................. N 3,530  

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**Hatch — Forestry — Water Yields from Lake**

**Account Number 21-15-55-342**

1. Paul E. Quertermous, 6448, Chief Clerk  
   (Total Salary) ................................................. N 3,100  

---

**College**

**Account Number 00-15-60-100**

1. Rose Mary Brown, 6837, Foods Laboratory Assistant  
   (Nine months) ................................................. N 3,600  

---

**Home Economics**

**Account Number 00-15-60-100**

1. Rose Mary Brown, 6837, Foods Laboratory Assistant  
   (Nine months) ................................................. N 3,600  

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**Station**

**Account Number 00-15-60-300**

1. Lenora Padgett, 7313, Foods Laboratory Assistant  
   (Perquisites University — one meal) ................................................. G 2,910  

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**Home Economics Cafeteria Revolving**

**Account Number 12-15-60-212**

1. Beatrice C. Harms, 1142, Foods Laboratory Assistant  
   (Perquisites University — one meal) ................................................. G 2,280  

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**Total, Home Economics Cafeteria Revolving**  

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**Total, Home Economics**  

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**Total, Home Economics (College)**  

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**Total, Home Economics Cafeteria Revolving**  

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**Total, Home Economics (Station)**  

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**Total, Home Economics**  

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**Total, Home Economics (Station)**  

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College

Horticulture

Account Number 00-15-65-100
1. Jo Ann Wilson, 1144, Clerk III ................................ N $ 3,750
2. Louise M. Finnis, 1143, Chief Clerk ................................ N $ 6,000
3. Constance J. Ferguson, 1146, Clerk-Typist II .................... N $ 3,180

Total, Horticulture (College) ........................................... $ 12,930

Station

Account Number 00-15-65-300
1. Willie L. Campbell, 6165, Junior Laboratory Attendant ....... N $ 3,960
2. Phyllis C. Marks, 7121, Senior Laboratory Attendant ...... N $ 4,680
3. Carol J. Molnar, 1149, Clerk-Typist II .......................... N $ 2,820
5. Paulette G. Will, 1147, Clerk-Typist II ........................ N $ 3,000
6. Clarence A. Gerber, 1155, Agricultural Gardener Foreman N $ 5,040
7. Ernest O. Hart, 1153, Agricultural Gardener Foreman .... N $ 5,970
8. Ward T. Matthews, 1152, Agricultural Gardener Foreman N $ 6,000
9. Walter M. Staszak, 1154, Agricultural Gardener Foreman N $ 5,820
10. Harold McGee, 1151, Supervising Farm Foreman ...... N $ 6,210
11. Thomas Arie, 1177, Agricultural Gardener ................ N $ 5,130
12. Bruce O. Barkley, 1164, Agricultural Gardener .......... N $ 5,040
13. Arthur L. Brummet, 1178, Agricultural Gardener .... N $ 5,100
14. Robert C. Chancellor, 1162, Agricultural Gardener ... N $ 5,310
15. Leroy Crawford, 1180, Agricultural Gardener ........ N $ 5,100
16. Clarence G. Davis, 1173, Agricultural Gardener .... N $ 5,100
17. Glenn J. Gleason, 1172, Agricultural Gardener .... N $ 5,100
18. Ira F. Gudgel, 1168, Agricultural Gardener ........ N $ 5,100
19. Vernon L. Harris, 1175, Agricultural Gardener .......... N $ 5,100
21. Carl H. Mohr, 1171, Agricultural Gardener ........ N $ 5,100
22. Freal C. Myers, 1166, Agricultural Gardener ........ N $ 5,100
23. Francis J. Palmisano, 1167, Agricultural Gardener ... N $ 4,980
24. Julius F. Reinhart, 1175, Agricultural Gardener .... N $ 4,100
25. Garland Riddell, 1169, Agricultural Gardener ....... N $ 5,100
26. Gordon E. Smith, 1179, Agricultural Gardener .... N $ 4,980
27. _______________________, 1170, Agricultural Gardener .. N $ 4,890
28. Stanley E. Bundy, 1160, Cold Storage Operator .......... N $ 5,100
29. W. E. Clark, 1159, Cold Storage Operator ........... N $ 5,100
30. J. C. Embry, 1161, Cold Storage Operator and Agricultural Gardener .......... N $ 5,130
31. Cornelius J. Rund, 1158, Chief Cold Storage Operator..... N $ 6,240
32. Wilbur A. Kelley, 1156, Storekeeper .................. N $ 5,520

Total, Horticulture (Station) ........................................... $160,230

College

Plant Pathology

Account Number 00-15-68-100
1. Karen E. Casteel, 7303, Clerk-Typist II ........................ N $ 2,700
2. M. Arleah Dix, 6531, Secretary—Stenographic ........ N $ 5,100

Total, Plant Pathology (College) ................................... $ 7,800

Hatch—Plant Pathology—Spray Orchard Improvement

Account Number 21-15-68-377
1. Ina M. Kneppel, 1185, Assistant Laboratory Attendant .. N $ 3,480

Total, Hatch—Plant Pathology—Spray Orchard Improvement .......... $ 3,480

Station

Veterinary Research

Account Number 00-15-70-300
1. Ernest M. Canavan, 1186, Animal Caretaker .................. N $ 5,100

(Perquisites University—housing)

Total, Veterinary Research (Station) ................................ $ 5,100
Cooperative Investigations

U.S. ARMY MD 728
Account Number 46-15-70-303
1. Leonard D. White, 6746, Animal Caretaker

Vocational Agriculture

Account Number 00-15-75-100
1. Beverly A. Nickelson, 0915, Clerk-Stenographer II
   (Total Salary)  $1,770
2. Betty J. Cain, 0614, Clerk-Stenographer III
3. Guy Hart, 5589, Storekeeper
   Total, Vocational Agriculture (College)  $11,610

Vocational Agriculture Revolving

Account Number 12-15-75-270
1. Frederick W. Steffen, 8105, Editorial Assistant
2. Beverly A. Nickelson, 0915, Clerk-Stenographer II
   Total, Vocational Agriculture Revolving  $6,930

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Administration

Account Number 00-17-01-100
1. Lois A. Dallas, 1519, Chief Clerk
2. Mary C. Kull, 7155, Typing Clerk III
3. Patricia A. Downs, 1513, Clerk-Stenographer III
4. Marie E. Pluhmacher, 6512, Clerk-Stenographer III
5. Darlene Richey, 1512, Clerk-Stenographer III
6. ----, 5350, Clerk-Stenographer III
7. Sandra L. Nelson, 1517, Clerk-Typist II
8. Karen J. Evans, 7160, Secretary — Stenographic
9. Mary C. Smith, 7327, Secretary — Stenographic
10. Darlene J. Cooke, 7668, Secretary — Transcribing
11. ----, 5110, Administrative Secretary — Stenographic
   Total, Administration  $41,790

Accountancy

Account Number 00-17-05-100
1. ----, 1521, Clerk-Stenographer II
2. ----, 7703, Clerk-Stenographer II
3. Mildred B. Brumfield, 1520, Secretary — Stenographic
   Total, Accountancy  $10,680

Graduate School of Business Administration

Account Number 00-17-23-100
1. ----, Clerk-Typist III
   Total, Graduate School of Business Administration  $3,000

Business Education

Account Number 00-17-10-100
1. Shirley E. Day, 1515, Clerk-Stenographer II
   Total, Business Education  $1,440

Business Law

Account Number 00-17-15-100
1. ----, Clerk-Stenographer III
   Total, Business Law  $1,740

Economics

Account Number 00-17-20-100
1. ----, 7490, Editorial Assistant
   Total, Economics  $3,600
2. Nona Bond, 7490, Editorial Assistant.................. N50 (1 800)
3. Marietta E. Keating, 5687, Clerk-Stenographer II.......... N 3 240
4. Mariam J. Meredith, 1514, Clerk-Stenographer III........ N 3 360
5. Helen Ann Godfrey, 1522, Secretary — Stenographic.... N 6 300

Total, Economics ............................................. $16 500

Finance
Account Number 00-17-22-100
1. Mary P. Sudduth, 5801, Secretary — Stenographic........ N $ 6 300

Total, Finance ................................................. $ 6 300

Cooperative Investigations
STATE OF ILLINOIS DIVISION OF HIGHWAYS
IMPACT ON URBAN REAL ESTATE
Account Number 47-17-22-341
1. Gudrun A. Beaman, 7988, Clerk-Typist II............. N50 $ 1 500

Management
Account Number 00-17-25-100
1. __________________________, 6468, Clerk-Stenographer II........ N50 $ 1 350
2. __________________________, Clerk-Stenographer II........ N 2 850
3. Lillian L. Conrad, 1511, Clerk-Stenographer III..... N 3 280

Total, Management ............................................. $ 7 480

Marketing
Account Number 00-17-30-100
1. Helen S. McFarland, 1516, Secretary — Stenographic.... N $ 4 680

Total, Marketing ................................................. $ 4 680

Bureau of Economic and Business Research
Account Number 00-17-35-300
1. F. Louise Hammer, 1525, Clerk-Stenographer II........ N $ 3 000
2. Deloris J. Ricketts, 1526, Clerk-Typist II............. N 2 730
3. Bette O. Hulmes, 1523, Secretary — Stenographic.... N 4 500

Total, Bureau of Economic and Business Research...... $10 230

Cooperative Investigations
FORD FOUNDATION — CONSUMER SAVINGS
Account Number 44-17-35-327
1. Charlene Hassell, 7645, Clerk-Stenographer II........ H50 $ 1 566
2. Marlene Rinehart, 8217, Office Appliance Operator II... H50 1 250

Total, Ford Foundation — Consumer Savings............. $ 3 116

Bureau of Business Management
Account Number 00-17-40-400
1. Barbara L. Harris, 1530, Clerk-Stenographer II........ N $ 2 850
2. Elsa L. Singbusch, 1528, Secretary — Stenographic.... N 8 220

Total, Bureau of Business Management................... $ 8 670

Business Management Revolving
Account Number 12-17-40-470
1. __________________________, 5904, Clerk-Typist II........ N50 $ 1 440

Total, Business Management Revolving.................... $ 1 440

COLLEGE OF EDUCATION
Administration
Account Number 00-20-01-100
1. Jeanette Bialeschki, 1534, Clerk-Typist III............. N $ 3 660
2. Margaret L. Ford, 1533, Clerk-Typist III.............. N 3 660
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<td>1540</td>
<td>Ruth M. Taylor</td>
<td>Secretary - Transcribing</td>
<td>$4,200</td>
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<td>Cooperative Investigations</td>
<td>6689</td>
<td>Cleta A. Conerty</td>
<td>Clerk-Typist II</td>
<td>$2,520</td>
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<td>00-20-25-100</td>
<td>Administration</td>
<td>1551</td>
<td>Sandra K. Cheeseman</td>
<td>Clerk-Stenographer III</td>
<td>$3,480</td>
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<td>00-20-30-100</td>
<td>Placement and Follow-Up</td>
<td>1553</td>
<td>Mary F. Mauk</td>
<td>Administrative Clerk</td>
<td>$7,300</td>
<td>$7,300</td>
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</table>
### University High School

Account Number 00-20-45-200  
1. Mary B. Jacoby, 1559, Clerk-Stenographer III .......... G  
   (Nine months) $2,520  
2. Mary C. Gabbert, 1561, Clerk-Typist II ................. N  
   $1,800  
3. Barbara J. Lapington, 1561, Clerk-Typist II .......... N  
   $1,380  
4. Frances B. McCath, 1560, Clerk-Typist II .............. N  
   $2,700  
5. Audrey L. Munger, 1558, Secretary — Stenographic ...... N  
   $4,710  
   Total, University High School .................................... $13,110

### Cooperative Investigations

**Carnegie Institute — Cooperative Programs in Arithmetic**  
Account Number 44-20-45-310  
1. Karen L. Bluhm, 7620, Clerk-Stenographer III ............ N  
   $4,260  
2. Sally S. Iwai, 7780, Clerk-Typist II ..................... N  
   $3,300  
3. Marcie Foster, 7853, Clerk-Typist III .................... N  
   $3,810  
   Total, Carnegie Institute — Cooperative Programs in Arithmetic ............................................. $11,370

**Carnegie Institute — Cooperative Programs in Mathematics**  
Account Number 44-20-45-312  
1. _______, 7772, Clerk I ................................. N  
   $2,580  
2. Pat Duzan, 7382, Typing Clerk I .......................... N  
   $2,520  
3. Marilyn E. McKinney, 6793, Clerk-Typist II .......... N  
   $3,600  
4. Dorothea N. Moore, 7550, Clerk-Typist II .............. N  
   $2,880  
5. Geraldine B. Hopper, 7082, Clerk-Typist III .......... N  
   $3,600  
6. E. June Harris, 6723, Secretary — Transcribing .... N  
   $4,560  
   Total, Carnegie Institute — Cooperative Programs in Mathematics ............................................. $19,740

**National Educational Television and Radio Center — Mathematics Study**  
Account Number 44-20-45-321  
1. Karin H. Nystrom, 6132, Clerk-Typist III ............... N  
   $3,300

### Bureau of Educational Research

Account Number 00-20-50-300  
1. Gloria J. Block, 1563, Clerk-Typist III ................. N  
   $3,420  
2. Joyce F. Fasnacht, 1564, Clerk-Typist III ............. N  
   $3,510  
3. Mary L. Stahlke, 1566, Clerk-Typist III ............... N  
   $3,240  
4. Therese E. Jowasky, 1562, Secretary — Stenographic ...... N  
   $5,340  
   Total, Bureau of Educational Research — General .................. $15,510

### Cooperative Investigations

**U.S. Office of Education SAE 7257**  
Account Number 46-20-50-316  
1. Julie M. Johnson, 5672, Clerk-Typist III ............... N  
   (Total Salary) ......................................................... $1,620  
   (3,240)  
2. Phyllis J. Boswell, 1571, Card Punch Operator II .... N  
   $2,880  
3. Coralee D. Holt, 7710, Clerk-Typist III ............... N  
   $3,240  
   Total, U.S. Office of Education SAE 8141 ..................... $6,120

**U.S. Public Health Service M1837**  
Account Number 46-20-50-367  
1. Julie M. Johnson, 5672, Clerk-Typist III ............... N  
   $1,620

### Evaluation

Account Number 00-20-60-400  
1. Phyllis J. Boswell, 1571, Card Punch Operator II .... N  
   $2,880  
2. ________, 1569, Card Punch Operator II ............... N  
   $2,700
3. Lois M. Williamson, 1568, Secretary — Stenographic.... N 6 100

Total, Evaluation ........................................................................ $11 680

Educational Testing Revolving

Account Number 12-20-60-482
1. Ruth B. Rank, 1574, Clerk II ........................................... N $3 120
2. Arlene L. Schwartz, 1570, Clerk-Stenographer II .............. N $3 360

Total, Educational Testing Revolving........................................ $6 480

Educational Surveys Revolving

Account Number 12-20-55-478
1. Janolee A. Holt, 1575, Clerk-Typist II .............................. N $2 520

Total, Educational Surveys Revolving........................................ $2 520

Institute for Research on Exceptional Children

Account Number 00-20-70-300
1. Marjorie J. DeFries, 5319, Secretary — Stenographic.... N $4 620

Total, Institute for Research on Exceptional Children................ $4 620

Cooperative Investigations

ELIZABETH McCORMICK MEMORIAL — GIFTED CHILDREN

Account Number 44-20-70-352
1. Sharon B. Cook, 7951, Clerk-Typist III .......................... N $3 210

U.S. OFFICE OF EDUCATION SAE 8204

Account Number 46-20-70-316
1. Barbara J. Gawthorp, 6449, Clerk-Typist II ..................... N $3 090

U.S. OFFICE OF EDUCATION — PROGRAM LEARNING MATERIALS

Account Number 46-20-70-360
1. Cecile S. Margulies, 7738, Clerk-Typist II ...................... N $1 500

STATE DEPARTMENT OF PUBLIC WELFARE — MENTAL DEFICIENCIES

Account Number 47-20-70-352
1. Barbara J. Schaefer, 6472, Clerk-Typist III ...................... N $3 450

COLLEGE OF ENGINEERING

Administration

Account Number 00-22-01-100
1. Hazel S. Ruffner, 1251, Clerk III ................................. N $4 200
2. Ramona L. Huber, 1243, Chief Clerk ............................ N 6 180
3. Bonita K. Hacker, 6874, Typing Clerk I ........................ N 2 640
4. Audriana Dunn, 1250, Typing Clerk II .......................... N 3 150
5. Verna L. Finger, 1244, Clerk-Stenographer III ............... N 4 570
6. Clara E. Ford, 7156, Clerk-Typist II ............................ N 2 040
7. Eileen Place, 1247, Clerk-Typist III ............................ N 3 330
8. Pauline V. Chapman, 6450, Placement Officer................. N 7 800
9. Theresa M. Rennier, 7440, Tabulating Machine Operator II N 3 810
10. Imogene J. Reeves, 1245, Secretary — Transcribing ......... N 4 830
11. Beulah M. Bevis, 1242, Administrative Secretary — Steno- graphic .................................................. N 7 800

Total, Administration (College)............................................. $51 060

Station

Account Number 00-22-01-300
1. L. Winifred Coatney, 1249, Clerk-Typist III ................. N $4 140
2. David C. Hunter, 5218, Technical Draftsman-Illustrator II N 7 800
3. Annabelle Compton, 1248, Secretary — Transcribing ....... N 5 680
4. Kathryn C. Jordan, 1246, Secretary — Transcribing ......... N 4 990

Total, Administration (Station)............................................. $22 510

College

Aeronautical Engineering

Account Number 00-22-05-100
1. Rita M. Freehill, 7207, Clerk-Typist II ........................ N $3 000
2. Nancy C. Grandgeorge, 1263, Clerk-Typist II............ N 2 820
3. Raymond F. Brewer, 1261, Senior Laboratory Mechanic N 6 510
4. Herbert E. Klage, 1260, Senior Laboratory Mechanic.... N 6 660
5. Vincent P. Oakes, 1259, Senior Laboratory Mechanic N 6 480
6. Thomas M. O'Connor, 1258, Senior Laboratory Mechanic N 6 660
7. Paul R. Tabaka, 1257, Senior Laboratory Mechanic..... N 6 720
8. Dorothy E. Nugent, 1262, Secretary—Transcribing... N 6 950

Total, Aeronautical Engineering (College)................. $43 740

College

Ceramic Engineering

Account Number 00-22-10-100
1. Nancy R. Segall, 7126, Clerk-Typist I1................. N 3 000
2. George W. Conlee, 1264, Potter........................ N 6 810
3. Dorothy B. Woods, 1266, Secretary—Stenographic.... N 5 730
4. James R. Walsh, 1267, Storekeeper..................... N 5 160

Total, Ceramic Engineering (College).................... $20 700

Cooperative Investigations

U.S. AIR FORCE 5734

Account Number 46-22-10-308
1. William E. Schaede, 1269, Junior Laboratory Attendant...ZN35 $ 4 122
   (Total Salary).................................. $ 4 122
2. June E. Dimick, 1270, Clerk-Stenographer II...........ZN35 1 029
   (Total Salary).................................. 1 029

Total, U.S. Air Force 5734................................ $ 5 151

U.S. AIR FORCE 6192

Account Number 46-22-10-310
1. William E. Schaede, 1269, Junior Laboratory Attendant ZN35 $ 1 356
   (Total Salary).................................. $ 1 356
2. June E. Dimick, 1270, Clerk-Stenographer II...........ZN35 1 029
   (Total Salary).................................. 1 029

Total, U.S. Air Force 6192................................ $ 2 385

U.S. AIR FORCE 6283

Account Number 46-22-10-311
1. William E. Schaede, 1269, Junior Laboratory Attendant ZN30 $ 1 256
   (Total Salary).................................. $ 1 256
2. June E. Dimick, 1270, Clerk-Stenographer II...........ZN30 882
   (Total Salary).................................. 882

Total, U.S. Air Force 6283................................ $ 2 138

U.S. AIR FORCE 7032

Account Number 46-22-10-312
1. William E. Schaede, 1269, Junior Laboratory Attendant ZN35 $ 1 312
2. June E. Dimick, 1270, Clerk-Stenographer II...........ZN30 882

Total, U.S. Air Force 7032................................ $ 2 194

Station

Chemical Engineering

Account Number 00-22-15-300
1. Sharon M. Allen, 7426, Clerk-Typist II.................. ZN30 $ 960
   (Total Salary).................................. $ 960
2. Marjorie L. Honn, 1271, Secretary—Stenographic..... N 5 040
   (Total Salary).................................. $ 5 040

Total, Chemical Engineering (Station)..................... $ 5 000

Cooperative Investigations

U.S. ARMY ORDNANCE 1707

Account Number 46-22-15-305
1. Sharon M. Allen, 7426, Clerk-Typist II.................. ZN4 $ 1 260
2. Walter W. Demlow, 1272, Senior Laboratory Mechanic.. ZN50 3 382
   (Total Salary).................................. 3 382

Total, U.S. Atomic Energy Commission Project 5........ $ 3 542

U.S. Atomic Energy Commission Project 5

Account Number 46-22-15-308
1. Sharon M. Allen, 7426, Clerk-Typist II.................. ZN4 $ 1 260
2. Walter W. Demlow, 1272, Senior Laboratory Mechanic.. ZN50 3 382
   (Total Salary).................................. 3 382

Total, U.S. Atomic Energy Commission Project 5........ $ 3 542
### U.S. Atomic Energy Commission 276

Account Number 46-22-15-310
1. Sharon M. Allen, 7426, Clerk-Typist II ...............ZN4 $ 126

### U.S. National Science Foundation G1047

Account Number 46-22-15-355
1. Sharon M. Allen, 7426, Clerk-Typist II ...............ZN4 $ 126

### U.S. National Science Foundation G10164

Account Number 46-22-15-356
1. Sharon M. Allen, 7426, Clerk-Typist II ...............ZN4 $ 126

### College

**Civil Engineering**

Account Number 00-22-20-100
1. Forrest J. McCartney, 1280, Equipment Attendant .... N $ 4,530
2. Richard E. Shipley, 7122, Equipment Attendant .... N $ 4,500
3. Jessie L. Creamer, 1300, Clerk-Stenographer III ...ZN50 2,250
   (Total Salary) ............................................(4,000)
4. Ann V. Perkins, 1285, Clerk-Stenographer III .... N $ 4,410
5. Doris A. Frechill, 1283, Clerk-Typist II ............N $ 2,070
6. Norah M. Conand, 6601, Clerk-Typist II ............N $ 3,180
7. Beverly J. Frederick, 1282, Clerk-Typist III .......N $ 2,000
8. Lila J. Smith, 7870, Clerk-Typist III ...............N $ 3,540
9. Doyne H. Proudfit, 1278, Secretary — Stenographic ...N $ 6,600

**Total, Civil Engineering (College)** ........................................ $36,330

**Station**

Account Number 00-22-20-300
1. Elza E. Rice, 1279, Senior Laboratory Attendant ... N $ 5,370
2. Marie L. Johnson, 1301, Clerk-Stenographer III ...ZN50 2,250
   (Total Salary) ............................................ (4,600)
3. Verna L. Bales, 5124, Clerk-Typist II ...............N50 1,800
4. Hurshel R. Bryant, 1276, Instrument Maker ..........N $ 7,440
5. David F. Lange, 1274, Instrument Maker .............N $ 7,620
7. N. Miles Norton, 1277, Senior Laboratory Mechanic ...N $ 6,540
8. Anna Rita Ferris, 1281, Secretary — Stenographic ...ZN50 2,610
   (Total Salary) ............................................ (5,200)
9. Wayne I. Trowbridge, 7846, Traffic Control and Measure-
   ment Technician .............................................ZN50 2,550
   (Total Salary) ............................................ (5,100)

**Total, Civil Engineering (Station)** ....................................... $43,850

### Cooperative Investigations

**Caterpillar Tractor Company — U-Shaped Members**

Account Number 44-22-20-310
1. Jo Anne Hansen, 7644, Clerk-Typist III ...............ZN50 $ 1,650

**Creole Petroleum Corporation — Casing Study**

Account Number 44-22-20-315
1. Barbara N. Hardy, 8009, Clerk-Typist I ..............N50 $ 1,380
2. Paul F. Douglas, 6105, Senior Laboratory Mechanic ...ZN50 3,270
   (Total Salary) ............................................ (6,250)

**Total, Creole Petroleum Corporation — Casing Study** ....................... $4,650

**Engineering Foundation — Structural Joints**

Account Number 44-22-20-322
1. June M. Anderson, 7845, Clerk I .....................ZN50 $ 1,500
   (Total Salary) ............................................ (3,000)
2. Walter Monical, 1294, Junior Laboratory Mechanic ...ZN50 2,055
   (Total Salary) ............................................ (5,910)
3. Terence F. Jacobs, 7390, Duplicating Machine Operator II N50 1,500

**Total, Engineering Foundation — Structural Joints** ....................... $5,955
### Portland Cement Association — Beam Column Connections

Account Number 44-22-20-367

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<thead>
<tr>
<th>Employee</th>
<th>Position</th>
<th>Account Number</th>
<th>Salary</th>
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<td>Virginia L. Roots, 1288</td>
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<td>Robert D. Metz, 1287</td>
<td>Senior Laboratory Mechanic</td>
<td>44-22-20-367</td>
<td>$3,270</td>
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<tr>
<td>Tommy A. Percival, 7663</td>
<td>Duplicating Machine Operator III</td>
<td>44-22-20-367</td>
<td>$2,355</td>
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<tr>
<td>Wayne E. Jowasky, 5990</td>
<td>Electronics Technician I</td>
<td>44-22-20-367</td>
<td>$2,700</td>
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**Total, Portland Cement Association — Beam Column Connections:** $13,500

### Reinforced Concrete Research Council — Floor Slabs

Account Number 44-22-20-372

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<tr>
<th>Employee</th>
<th>Position</th>
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<th>Salary</th>
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<tr>
<td>Wyck E. McKenzie, 1291</td>
<td>Junior Laboratory Mechanic</td>
<td>44-22-20-372</td>
<td>$2,940</td>
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<tr>
<td>Walter Monical, 1294</td>
<td>Junior Laboratory Mechanic</td>
<td>44-22-20-372</td>
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**Total, Reinforced Concrete Research Council — Floor Slabs:** $5,895

### Welding Research Council — Welding Procedure

Account Number 44-22-20-394

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<tr>
<td>Judith A. Tempel, 7638</td>
<td>Clerk-Typist II</td>
<td>44-22-20-394</td>
<td>$1,710</td>
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<td>Walter F. Wilsky, 1289</td>
<td>Senior Laboratory Mechanic</td>
<td>44-22-20-394</td>
<td>$3,270</td>
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**Total, Welding Research Council — Welding Procedure:** $4,980

### U.S. Air Force 2591

Account Number 46-22-20-305

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<td>Sherman D. Suter, 7206</td>
<td>Clerk-Stenographer II</td>
<td>46-22-20-305</td>
<td>$3,540</td>
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### U.S. Air Force 31319 — Floor Slabs

Account Number 46-22-20-308

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<th>Employee</th>
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<tbody>
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<td>Marie L. Johnson, 1301</td>
<td>Clerk-Stenographer III</td>
<td>46-22-20-308</td>
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### U.S. Bureau of Public Roads, Department of Commerce — Flexural Fatigue

Account Number 46-22-20-314

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<th>Employee</th>
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<tr>
<td>Aurora Z. Bahou, 1284</td>
<td>Clerk-Typist II</td>
<td>46-22-20-314</td>
<td>$1,590</td>
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<td>Everett Crawford, 1290</td>
<td>Junior Laboratory Mechanic</td>
<td>46-22-20-314</td>
<td>$5,760</td>
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**Total, U.S. Bureau of Public Roads, Department of Commerce — Flexural Fatigue:** $7,350

### U.S. Air Force 2151

Account Number 46-22-20-317

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<tr>
<td>Delbert E. McCulley, 1302</td>
<td>Research Program Administrative Assistant</td>
<td>46-22-20-317</td>
<td>$2,250</td>
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<td>Virginia L. Rhoades, 7883</td>
<td>Clerk-Typist III</td>
<td>46-22-20-317</td>
<td>$3,300</td>
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<td>Delbert H. Laws, 5212</td>
<td>Senior Laboratory Mechanic</td>
<td>46-22-20-317</td>
<td>$3,270</td>
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**Total, U.S. Air Force 2151:** $11,700

### U.S. Air Force 2372

Account Number 46-22-20-318

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<tr>
<td>Robert D. Metz, 1287</td>
<td>Senior Laboratory Mechanic</td>
<td>46-22-20-318</td>
<td>$3,270</td>
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<tr>
<td>Tommy A. Percival, 7663</td>
<td>Duplicating Machine Operator III</td>
<td>46-22-20-318</td>
<td>$2,355</td>
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<td>3</td>
<td>Anna Rita Ferris, 1281,</td>
<td>Secretary — Stenographic</td>
<td>ZN50</td>
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<td>$2,910</td>
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<td>Harold H. Dalrymple, 6618,</td>
<td>Electronics Technician I.</td>
<td>N50</td>
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<td><strong>Total, U.S. Air Force</strong></td>
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<td>46-22-20-319</td>
<td>Donna L. Flessner, 7531, Clerk-Stenographer II</td>
<td>N</td>
<td>$3,540</td>
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<td>4</td>
<td>Harold H. Dalrymple, 6618,</td>
<td>Electronics Technician I.</td>
<td>N50</td>
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<td><strong>Total Salary</strong></td>
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<td><strong>$6,240</strong></td>
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<td>46-22-20-326</td>
<td>Nancy J. Phillips, 7643, Clerk-Typist III</td>
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<td><strong>Total, U.S. Army Engineers</strong></td>
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<td>46-22-20-345</td>
<td>Judith A. Tempel, 7638, Clerk-Typist II</td>
<td>ZN50</td>
<td>$1,710</td>
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<tr>
<td>46-22-20-347</td>
<td>Delbert E. McCulley, 1302, Research Program Administrative Assistant</td>
<td>ZN25</td>
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<td>Emmett E. Kirby, 5322, Senior Laboratory Mechanic</td>
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<td><strong>Total, U.S. Defense Atomic Support Agency</strong></td>
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<tr>
<td>46-22-20-352</td>
<td>Aurora Z. Bahou, 1284, Clerk-Typist II</td>
<td>ZN50</td>
<td>$1,590</td>
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<tr>
<td>46-22-20-354</td>
<td>Delbert H. Laws, 5212, Senior Laboratory Mechanic</td>
<td>ZN50</td>
<td>$3,270</td>
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<tr>
<td>46-22-20-360</td>
<td>Jo Anne Hansen, 7644, Clerk-Typist III</td>
<td>ZN50</td>
<td>$1,650</td>
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<td>46-22-20-361</td>
<td>Kenneth T. Rominger, 6928, Stores Clerk</td>
<td>ZN50</td>
<td>$1,980</td>
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<td>46-22-20-369</td>
<td>Jessie L. Creamer, 1300, Clerk-Stenographer III</td>
<td>ZN50</td>
<td>$2,400</td>
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<tr>
<td>46-22-20-372</td>
<td>Wanda M. Olsen, 6167, Clerk-Typist II</td>
<td>N50</td>
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<td>46-22-20-370</td>
<td>Wayne E. Jowasky, 5999, Electronics Technician I</td>
<td>ZN50</td>
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### State of Illinois Division of Highways — Bridge Impact

Account Number 47-22-20-397

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<th>Employee</th>
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<tr>
<td>1. June M. Anderson, 7845</td>
<td>47-22-20-397</td>
<td>$1,500</td>
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### State of Illinois Division of Highways — Highway Medians

Account Number 47-22-20-336

<table>
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<th>Employee</th>
<th>Account Number</th>
<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>1. Dorothy J. Burright, 6796</td>
<td>47-22-20-336</td>
<td>$1,770</td>
</tr>
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</table>

### State of Illinois Division of Highways — Highway Problems

Account Number 47-22-20-338

<table>
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<tbody>
<tr>
<td>1. Joanne W. Jones, 5686</td>
<td>47-22-20-338</td>
<td>$3,600</td>
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</table>

### State of Illinois Division of Highways — Prestressed Bridges

Account Number 47-22-20-367

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<th>Employee</th>
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<tbody>
<tr>
<td>1. Delbert E. McCulley, 1302</td>
<td>47-22-20-367</td>
<td>$2,250</td>
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<td>2. Wyck E. McKenzie, 1291</td>
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**Total, State of Illinois Division of Highways — Prestressed Bridges**

$5,190

### State of Illinois Division of Highways — Riveted Bolted Joints

Account Number 47-22-20-374

<table>
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<th>Employee</th>
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</thead>
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<tr>
<td>1. Louis J. Mesker, 1293</td>
<td>47-22-20-374</td>
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### State of Illinois Division of Highways — Soil Aggregate

Account Number 47-22-20-379

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<td>1. Dorothy J. Burright, 6796</td>
<td>47-22-20-379</td>
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### State of Illinois Division of Highways — Soil Mapping

Account Number 47-22-20-382

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<th>Employee</th>
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<tbody>
<tr>
<td>1. Mary A. Bateman, 1296</td>
<td>47-22-20-382</td>
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### State of Illinois Division of Highways — Vehicular Speed Regulation

Account Number 47-22-20-386

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<tr>
<td>1. Nancy L. Cone, 7320</td>
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**Total, State of Illinois Division of Highways — Vehicular Speed Regulation**

$4,920

### State of Illinois Division of Highways — Welded Highway Structures

Account Number 47-22-20-391

<table>
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<th>Employee</th>
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<tr>
<td>1. Nancy J. Phillips, 7643</td>
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<td>2. Walter F. Wilsky, 1289</td>
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**Total, State of Illinois Division of Highways — Welded Highway Structures**

$4,920

### Coordinated Science Laboratory

**U.S. Army Signal Corps 85122**

Account Number 46-22-22-310

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<th>Employee</th>
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<tr>
<td>1. Nancy L. Klein, 5475</td>
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<td>2. ————, 7046</td>
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<td>3. Earl E. Rumbaugh, 1421</td>
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<td>4. ————, 7045</td>
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<td>5. Lawrence R. Hampel, 8050</td>
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<td>7. Margaret L. Ellsworth, 5501</td>
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<td>8. Clarice A. Jester, 5485</td>
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<td>14. Robert F. MacFarlane, 5392</td>
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<td>15. Carl E. Kling, 7734</td>
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**Total, State of Illinois Division of Highways — Welded Highway Structures**

$8,460
| 17. | Robert L. Zackery, 1440, Instrument Maker | 7380 |
| 18. | John J. Desmond, 5428, Departmental Business Manager | 12000 |
| 19. | William E. Beaulin, 7467, Senior Laboratory Mechanic | 6480 |
| 20. | Neil T. Powers, 5462, Senior Laboratory Mechanic | 6480 |
| 21. | Harley M. Tenbrook, 1439, Senior Laboratory Mechanic | 6540 |
| 22. | Ernest H. Neff, 6646, Control Systems Operator | 7800 |
| 23. | Carlyle W. Morris, 5272, Photographer II | 5880 |
| 24. | Charles E. Drews, 1428, Secretary-Transcribing | 4200 |
| 25. | Clayborn M. Lofton, 5233, Storekeeper | 5250 |
| 26. | Herman Jordan, 6586, Electronics Technician I | 5280 |
| 27. | James E. Bowers, 1433, Electronics Technician II | 6120 |
| 28. | Dale E. Coad, 1436, Electronics Technician II | 6240 |
| 29. | Donald R. Deschene, 5904, Electronics Technician II | 5880 |
| 30. | Fred O. Holy, 6334, Electronics Technician II | 6240 |
| 31. | James H. Knake, 5901, Electronics Technician II | 6660 |
| 32. | William I. Lawrence, 5508, Electronics Technician II | 5520 |
| 33. | Charles H. Odle, 5455, Electronics Technician II | 6360 |
| 34. | Thomas W. Popney, 4866, Electronics Technician II | 5490 |
| 35. | Wayne L. Schmidt, 5900, Electronics Technician II | 5160 |
| 36. | Leo W. Streff, 1432, Electronics Technician II | 6600 |
| 37. | Nicholas Vassos, 1431, Electronics Technician II | 6300 |

**Total, Coordinated Science Laboratory** $225,150

### College

**Electrical Engineering**

Account Number 00-22-25-100

1. John F. Bauerle, 7805, Biophysical Research Laboratory Assistant | N | $6720 |
2. John C. Humphrey, 1320, Junior Laboratory Attendant | N | 4500 |
3. Martin F. Pembroke, 7354, Stores Clerk | N | 4320 |
4. Myron E. Wright, 5470, Stores Clerk | N | 4800 |
5. Linda M. Howe, 1327, Clerk-Stenographer I | N | 2970 |
6. Norma S. Olson, 1325, Clerk-Stenographer II | N | 3540 |
7. Ruth E. Pembroke, 1322, Clerk-Stenographer II | N | 3330 |
8. Hazel M. Crawford, 1323, Clerk-Stenographer III | N | 4800 |
9. Melba E. Bundy, 1326, Clerk-Typist II | N | 3000 |
10. Carol M. Knosher, 1324, Clerk-Typist II | N | 3290 |
11. G. H. Powers, 1307, Instrument Maker | N | 7620 |
12. Richard E. Smith, 1337, Instrument Maker | N | 7380 |
13. Jerold R. Bryant, 1317, Assistant Laboratory Mechanic | N50 | 2190 |
14. Jack R. Currie, 5152, Assistant Laboratory Mechanic | N50 | 1920 |
15. Louie E. Foley, 1316, Senior Laboratory Mechanic | N | 6480 |
16. James Pliam, Jr., 1313, Senior Laboratory Mechanic | N | 6570 |
17. Marcia H. Peterman, 1321, Office Supervisor | N | 7200 |
18. W. E. Kruse, 1315, Electronics Technician II | N | 6750 |
19. Donald J. Mucha, 7189, Electronics Technician II | N75 | 3870 |
20. Charles G. Preston, 1318, Instrument and Measurement Technician I | N | 5400 |

**Total, Electrical Engineering (College)** $96,210

### Station

Account Number 00-22-25-300

1. Mary C. Keith, 1347, Accounting Clerk I | N | $3000 |
2. Richard L. Jackson, 1339, Stores Clerk | ZN50 | 1980 |

(Total Salary) (3960)

3. Theda A. Sullivan, 1343, Clerk-Stenographer II | N | 2910 |
4. Martha A. Glenn, 1348, Clerk-Stenographer III | N | 3540 |
5. Susan R. Kaufman, 7130, Clerk-Typist II | ZN50 | 1470 |

(Total Salary) (2940)
6. Sally Niva, 7131, Clerk-Typist II ........................................ N 2 640
7. Andras Gal, 3145, Engineering Draftsman I ..................... N 4 620
9. Harold B. Lawler, 1305, Laboratory Manager ................. N 10 000
10. Irven R. Franklin, 1310, Senior Laboratory Mechanic ....... N 6 540
11. Thomas A. Newkirk, 1308, Electronics Technician II ...... N 6 180

Total, Electrical Engineering (Station) ........................................ $50 500

Stores — Electrical Engineering Replacement Overhead
Account Number 06-22-25-973

1. Richard L. Jackson, 1339, Stores Clerk ....................... ZN50 $ 1 980
2. Patricia A. Beabout, 1344, Typing Clerk II ................. N 2 760

Total, Stores — Electrical Engineering Replacement Overhead ........................................ $ 4 740

Indirect Costs — Electrical Engineering
Account Number 40-22-25-300

1. Alma T. Aoyagi, 8170, Clerk-Typist II ........................ N50 $ 1 500
2. Susan R. Kaufman, 7130, Clerk-Typist II ................... ZN50 1 470
4. Walter W. Wood, 8081, Technical Services Supervisor ... N 10 000

Total, Indirect Costs — Electrical Engineering .................. $17 170

Cooperative Investigations

STATE UNIVERSITY OF IOWA — PARKINSON HYPERKINETIC DISORDERS
Account Number 44-22-25-342

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant ....................... ZN13 $ 1 030
   (Total Salary) ...................................................... (1 030)
2. Wesley P. Bauerle, 7657, Electronics Engineering Assistant ....................... N 6 700
   (Total Salary) ...................................................... (6 700)

Total, State University of Iowa — Parkinson Hyperkinetic Disorders .................. $ 7 730

U.S. AIR FORCE 62
Account Number 46-22-25-301

1. Patricia L. Shafer, 7350, Clerk-Typist II ........................ ZN10 $ 1 330
   (Total Salary) ...................................................... (1 330)
2. J. F. Lowe, 1336, Instrument Maker .......................... ZN20 1 524
   (Total Salary) ...................................................... (7 620)
3. Kenneth W. Bartlett, 5238, Electronics Technician II .... ZN20 1 068
   (Total Salary) ...................................................... (5 340)

Total, U.S. Air Force 62 ...................................................... $ 2 922

U.S. AIR FORCE 63
Account Number 46-22-25-303

1. Marjorie A. Johnson, 7038, Assistant to Editor ............. ZN25 $ 1 562
   (Total Salary) ...................................................... (6 250)
2. Carol J. Meier, 7713, Clerk-Stenographer II ............... ZN25 7 473
   (Total Salary) ...................................................... (2 970)

Total, U.S. Air Force 63 ...................................................... $ 2 365

U.S. AIR FORCE 417
Account Number 46-22-25-305

1. Pieter Knorr, 7427, Glass Blower II ............................ ZN25 $ 2 099
   (Total Salary) ...................................................... (8 360)
2. Edward D. Boste, 1314, Electronics and Chemical Treatment Technician .................... ZN25 1 620
   (Total Salary) ...................................................... (6 480)
3. Robert M. Work, 5903, Electronics Technician I ........ ZN50 2 085
   (Total Salary) ...................................................... (4 170)

Total, U.S. Air Force 417 ...................................................... $ 5 755
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<td>46-22-25-307</td>
<td>Lloyd C. Schmidt, Stores Clerk</td>
<td>ZN12 $532</td>
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<td>(4260)</td>
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<td>46-22-25-309</td>
<td>A. B. Wilson, Electronics Engineer</td>
<td>ZN33 $2400</td>
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<td>Richard F. Ripper, Chief Clerk</td>
<td>ZN25 $1588</td>
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<td>46-22-25-310</td>
<td>Patricia S. Mukherjee, Typing Clerk</td>
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<td>46-22-25-311</td>
<td>Diane S. Swanson, Clerk-Typist I</td>
<td>ZN25 $795</td>
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<td>46-22-25-312</td>
<td>Leroy L. Dreyer, Engineer</td>
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<td>46-22-25-313</td>
<td>Paul D. Goldan, Electronics Engineer</td>
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<td>46-22-25-314</td>
<td>Robert A. Kawcyn, Electronics Engineer</td>
<td>N $8000</td>
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<td>46-22-25-315</td>
<td>Merrill B. Watson, Glass Blower I</td>
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<td>46-22-25-316</td>
<td>Carl M. Boley, Instrument Maker</td>
<td>ZN57 $5080</td>
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<td>46-22-25-317</td>
<td>J. B. Wilson, Electronics Assistant</td>
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<td>46-22-25-318</td>
<td>Patricia S. Mukherjee, Typing Clerk II</td>
<td>ZN25 $1950</td>
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<td>46-22-25-319</td>
<td>Lewis H. Claybaugh, Laboratory</td>
<td>ZN25 $1095</td>
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<td>46-22-25-320</td>
<td>Kenneth W. Bartlett, Electronics</td>
<td>ZN30 $1602</td>
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<td>Technician</td>
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<td>46-22-25-321</td>
<td>Marjorie A. Johnson, Assistant to</td>
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<td>Editor</td>
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<td>46-22-25-322</td>
<td>Orville L. McClelland, Engineer</td>
<td>ZN75 $4800</td>
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<td>46-22-25-323</td>
<td>Lewis H. Claybaugh, Laboratory</td>
<td>ZN75 $4850</td>
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<td>46-22-25-324</td>
<td>D. D. Pritchard, Storekeeper</td>
<td>ZN50 $2685</td>
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Total, U.S. Air Force 2152: $42,361

Total, U.S. Air Force 5565: $8,820

Total, U.S. Air Force 7043: $6,185

Total, U.S. Air Force 6079: $12,483

Total, U.S. Air Force 3481: $11,047
U.S. Air Force 556
Account Number 46-22-25-316
1. Arthur E. Monson, 1309, Senior Laboratory Mechanic... ZN25 $ 1 620
U.S. Air Force 6428
Account Number 46-22-25-319
1. Marjorie A. Johnson, 7038, Assistant to Editor........ ZN25 $ 1 562
2. , 7719, Draftsman.................................. ZN50 2 040
(Total Salary) ........................................ (4 806)
3. Harvey B. Wright, 8220, Engineering Draftsman I... ZN34 1 700
(Total Salary) ........................................ (5 280)
Total, U.S. Air Force 6428.............................................. $ 5 302

U.S. Army Ordnance 1983
Account Number 46-22-25-322
1. Carol J. Meier, 7713, Clerk-Stenographer II......... ZN25 $ 742

U.S. Army Signal Corps 84525
Account Number 46-22-25-328
1. W. Irene Gault, Clerk III................................ ZN25 $ 982
2. Richard F. Ripper, 1342, Chief Clerk............... ZN25 1 587
(Total Salary) ........................................ (3 912)

Total, U.S. Army Signal Corps 84525................................. $ 9 816

U.S. National Aeronautical and Space Administration
National Science Grant 2459
Account Number 46-22-25-340
1. Lloyd C. Schneidt, 8220, Stores Clerk................ ZN50 $ 2 130
2. Carol J. Meier, 7713, Clerk-Stenographer III....... ZN50 1 485
3. Vernon E. Shepherd, 8127, Draftsman................ ZN50 2 400
(Total Salary) ........................................ (4 015)

Total, U.S. National Aeronautical and Space Administration National Science Grant 2459................................. $13 505

U.S. National Science Foundation G10885
Account Number 46-22-25-347
1. Lloyd C. Schneidt, 8220, Stores Clerk................ ZN13 $ 533
2. Thomas R. Oerman, 8212, Draftsman................... ZN25 930
3. Stuart F. Yoos, Jr., 7023, Electronics Technician I.. ZN30 2 100
(Total Salary) ........................................ (4 200)

Total, U.S. National Science Foundation G10885................................. $ 3 593

U.S. National Science Foundation G7421
Account Number 46-22-25-349
1. W. Irene Gault, Clerk III................................ ZN25 $ 982
2. Lloyd C. Schneidt, 8220, Stores Clerk................ ZN12 532

Total, U.S. National Science Foundation G7421................................. $ 1 514

U.S. N.O.B.S. 64723
Account Number 46-22-25-357
1. Marjorie A. Johnson, 7038, Assistant to Editor...... ZN25 $ 1 563
2. Richard F. Ripper, 1342, Chief Clerk............... ZN23 1 490
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<th>Title/Department</th>
<th>Account Number</th>
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<th>Salary</th>
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<tbody>
<tr>
<td>3.</td>
<td>Sharon E. Frielich</td>
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<td>$2,520</td>
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<td>4.</td>
<td>Ronald Glass</td>
<td>Draftsman</td>
<td>46-22-25-378</td>
<td>ZN50</td>
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<td>5.</td>
<td>Harvey B. Wright</td>
<td>Engineering Draftsman</td>
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<td>6.</td>
<td>Arthur E. Monson</td>
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<td>7.</td>
<td>Theodore O. Gibson</td>
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<td>46-22-25-378</td>
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<td>8.</td>
<td>Frank Lukasander</td>
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U.S. Office of Naval Research 183402

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<th>Account Number</th>
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<tbody>
<tr>
<td>1.</td>
<td>Sandra K. Sullivan</td>
<td>Typing Clerk I</td>
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<td>2.</td>
<td>Thomas R. Oerman</td>
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U.S. Office of Naval Research 183417

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<th>Account Number</th>
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<tbody>
<tr>
<td>1.</td>
<td>Pieter Knorr</td>
<td>Glass Blower II</td>
<td>46-22-25-380</td>
<td>ZN25</td>
<td>$2,090</td>
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<td>2.</td>
<td>Lewis H. Claybaugh</td>
<td>Senior Laboratory Mechanic</td>
<td>46-22-25-380</td>
<td>ZN50</td>
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U.S. Public Health Service B1017

<table>
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<th>Account Number</th>
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<tr>
<td>2.</td>
<td>Vernon E. Shepherd</td>
<td>Draftsman</td>
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U.S. Public Health Service M1370

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<tbody>
<tr>
<td>2.</td>
<td>Stuart F. Yoos, Jr.</td>
<td>Electronics Technician I</td>
<td>46-22-25-389</td>
<td>ZN50</td>
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U.S. Public Health Service B1567

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<td>1.</td>
<td>Dale E. Ward</td>
<td>Senior Laboratory Attendant</td>
<td>46-22-25-390</td>
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<td>Faye J. Keener</td>
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U.S. Public Health Service C4044

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<td>1.</td>
<td>W. Irene Gault</td>
<td>Clerk III</td>
<td>46-22-25-391</td>
<td>ZN25</td>
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<td>2.</td>
<td>Robert A. Monson</td>
<td>Draftsman</td>
<td>46-22-25-391</td>
<td>ZN50</td>
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<td>3.</td>
<td>Harvey B. Wright</td>
<td>Engineering Draftsman</td>
<td>46-22-25-391</td>
<td>ZN33</td>
<td>$1,760</td>
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<td>4.</td>
<td>George W. Zopf, Jr.</td>
<td>Electronics Engineer</td>
<td>46-22-25-391</td>
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U.S. Public Health Service - Iowa B1955

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<th>Salary</th>
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### Ultrasound in Biology

Account Number 00-22-26-300

1. Robert F. Noyes, 7538, Biophysical Research Laboratory Assistant
   
   (Total Salary) \( \text{ZN87} \) \$6,790

   \( \text{(7,820)} \)

   Total, Ultrasound in Biology \$6,790

### College

#### General Engineering

Account Number 00-22-30-100

1. Janet P. Miller, 6794, Clerk-Typist III
   
   \( \text{ZN87} \) \$3,120

2. Maxine A. Mason, 1349, Secretary - Stenographic
   
   \( \text{ZN87} \) \$4,800

   \( \text{ZN87} \) \$7,920

### Measurement Program

Account Number 00-22-35-300

1. Betty L. Hull, 1256, Secretary - Stenographic
   
   \( \text{ZN87} \) \$4,800

   
   \( \text{ZN87} \) \$5,280

3. Edgar A. Blair, 1312, Instrument and Measurement Technician II
   
   \( \text{ZN87} \) \$7,020

4. Francis E. Dilley, 5543, Instrument and Measurement Technician II
   
   \( \text{ZN87} \) \$6,900

5. Glen H. Lafenhagen, 1253, Instrument and Measurement Technician II
   
   \( \text{ZN87} \) \$6,900

6. Chester M. Richman, 1254, Instrument and Measurement Technician II
   
   \( \text{ZN87} \) \$6,900

   Total, Measurement Program \$37,800

### Instrument Service

Account Number 09-22-35-042

1. Glenn R. Keown, 7378, Operations Clerk
   
   \( \text{ZN87} \) \$4,860

2. 7040 Operations Clerk
   
   \( \text{ZN87} \) \$3,900

3. Helen Bradfield, 6362, Typing Clerk II
   
   \( \text{ZN87} \) \$3,000

4. Richard L. Cunningham, 6926, Instrument and Measurement Technician I
   
   \( \text{ZN87} \) \$4,800

5. Oskar F. Richter, 5913, Instrument and Measurement Technician I
   
   \( \text{ZN87} \) \$4,800

   Total, Instrument Service \$21,360

### College

#### Mechanical and Industrial Engineering

Account Number 00-22-40-100

1. Harold F. Schultz, 7362, Equipment Attendant
   
   \( \text{ZN87} \) \$4,320

2. Patricia L. Harney, 1366, Clerk-Typist II
   
   \( \text{ZN87} \) \$2,820

3. Mildred R. Potts, 1355, Clerk-Typist III
   
   \( \text{ZN87} \) \$4,080

4. Burl A. Manuel, 1355, Instrument Maker
   
   \( \text{ZN87} \) \$7,380

5. W. H. Smith, 1350, Instrument Maker
   
   \( \text{ZN87} \) \$7,380

6. Harold A. Lovenguth, 8053, Junior Laboratory Mechanic
   
   \( \text{ZN87} \) \$5,450

7. G. F. Miller, 1360, Junior Laboratory Mechanic
   
   \( \text{ZN87} \) \$5,880

8. Victor H. Strohl, 1361, Junior Laboratory Mechanic
   
   \( \text{ZN87} \) \$5,450

9. Warren R. Gordon, 1359, Senior Laboratory Mechanic
   
   \( \text{ZN87} \) \$6,120

10. Thomas R. Heald, 1356, Senior Laboratory Mechanic
    
    \( \text{ZN87} \) \$6,570

11. M. W. Hoag, 1351, Senior Laboratory Mechanic
    
    \( \text{ZN87} \) \$6,780

12. William D. Morley, 7486, Senior Laboratory Mechanic
    
    \( \text{ZN87} \) \$6,480

13. Norman G. Donze, 1353, Junior Foundry Molder
    
    \( \text{ZN87} \) \$6,090

14. Opal F. Lumsden, 1357, Secretary - Transcribing
    
    \( \text{ZN87} \) \$4,650

15. M. F. Sadorus, 1362, Storekeeper
    
    \( \text{ZN87} \) \$5,250

   Total, Mechanical and Industrial Engineering (College) \$84,690

### Station

Account Number 00-22-40-300

1. Helen McDonnell, 1364, Clerk-Typist III
   
   \( \text{ZN86} \) \$2,286

   (Total Salary) \( \text{ZN87} \) \( \text{3,810} \)
2. Margaret E. Walden, 1363, Clerk-Typist III... N 3 570
3. Lawrence W. Hirschler, 5269, Instrument Maker... N 7 360
4. ———, 6787, Junior Laboratory Mechanic... N50 3 360
5. Allen F. Stephens, 1352, Senior Laboratory Mechanic... N 6 480

Total, Mechanical and Industrial Engineering (Station). $23 076

Cooperative Investigations

Institute of Boiler and Radiator Manufacturers —

Steam and Water Heat

Account Number 44-22-40-342
1. Catherine A. Decker, 1387, Clerk-Stenographer II... ZN50 $ 1 440
   (Total Salary) ........................................ (2 880)
2. William J. Graham, Jr., 7748, Assistant Laboratory Mechanic... N 4 260
   Total, Institute of Boiler and Radiator Manufacturers —
   Steam and Water Heat......................................... $ 5 700

National Warm Air Heating — Furnaces

Account Number 44-22-40-356
1. Catherine A. Decker, 1387, Clerk-Stenographer II... ZN50 $ 1 440
2. Martin Steidner, 1369, Junior Laboratory Mechanic... N 5 880
   Total, National Warm Air Heating — Furnaces........... $ 7 320

College

Mining and Metallurgical Engineering

Account Number 00-22-50-100
1. John O. Jones, 8113, Assistant Laboratory Mechanic... N50 $ 1 980
2. Clifford D. Howell, 1374, Senior Laboratory Mechanic... N 6 480
3. H. W. Kruse, 1372, Senior Laboratory Mechanic... N 6 780
4. Hazel Allen, 1371, Secretary-Stenographic... N 5 700
   Total, Mining and Metallurgical Engineering (College)... $20 940

Station

Account Number 00-22-50-300
1. Sandra L. Easton, 1376, Clerk-Typist III... ZN50 $ 1 650
   (Total Salary) ........................................ (3 300)
2. Dixie Lee Rockhold, 7981, Clerk-Typist III... ZN50 1 650
   (Total Salary) ........................................ (3 300)
3. Robert D. McNely, 1375, Junior Laboratory Mechanic... N 5 910
4. Frank R. O'Connor, 1373, Senior Laboratory Mechanic... N 6 570
   Total, Mining and Metallurgical Engineering (Station)... $15 780

Indirect Costs — Mining and Metallurgical Engineering

Account Number 40-22-50-300
1. Dixie Lee Rockhold, 7981, Clerk-Typist III... ZN25 $ 825.
2. Sandra L. Easton, 1376, Clerk-Typist III... ZN50 1 650
   Total, Indirect Costs — Mining and Metallurgical Engineering... $ 2 475

Cooperative Investigations

U.S. Air Force 6770

Account Number 46-22-50-305
1. Margie L. Keele, 5003, Clerk-Typist III... ZN17 $ 660
   (Total Salary) ........................................ (3 630)

U. S. Air Force 106

Account Number 46-22-50-306
1. ———, 6535, Clerk-Typist II... ZN25 $ 780

U.S. Air Force 212

Account Number 46-22-50-307
1. Dixie Lee Rockhold, 7981, Clerk-Typist III... ZN15 $ 495

U.S. Air Force 420

Account Number 46-22-50-309
1. ———, 6535, Clerk-Typist II... ZN25 $ 780
2. Dixie Lee Rockhold, 7681, Clerk-Typist III .......................... ZN10 330
3. Charles W. DeVore, 6705, Senior Laboratory Mechanic. ZN25 1 620
   (Total Salary) ................................................... (6 480)
   Total, U.S. Air Force 420 ........................................ $
   \text{2 730}

U.S. ARMY ORDNANCE 1175
Account Number 46-22-50-314
1. Margie L. Keele, 5003, Clerk-Typist III ......................... ZN17 $ 660

U.S. ATOMIC ENERGY COMMISSION Project 9
Account Number 46-22-50-320
1. Margie L. Keele, 5003, Clerk-Typist III ......................... ZN16 $ 660

U.S. ATOMIC ENERGY COMMISSION Project 15
Account Number 46-22-50-322
1. Charles W. DeVore, 6705, Senior Laboratory Mechanic.. ZN25 $ 1 620

College

Account Number 00-22-53-100
1. Harry N. Newman, 7701, Junior Laboratory Mechanic... N $ 5 700
2. Gerald Paul Beck, 8158, Reactor Supervisor............. N 9 000
   Total, Nuclear Engineering (College).......................... $14 700

Physics

Account Number 00-22-55-100
1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant .......................... ZN25 $ 1 875
   (Total Salary) ................................................... (7 500)
2. Fred S. Wise, 7936, Physical Research Laboratory Assistant .......................... ZN35 3 010
   (Total Salary) ................................................... (8 600)
3. Robert E. Marlatt, 1385, Senior Laboratory Attendant... N 5 220
4. Delos C. Oliver, 1386, Senior Laboratory Attendant... N 5 250
5. Doris A. Davis, 1391, Clerk III ................................. N 3 600
6. Lolita C. Paden, 1393, Clerk III ................................. N 4 140
7. Harry C. Gersbaugh, 1387, Chief Clerk ........................ N 6 030
8. Patricia A. Lockhart, 7407, Clerk-Stenographer III .... ZN50 1 560
   (Total Salary) ................................................... (3 120)
9. Barbara J. Fiorillo, 7407, Clerk-Typist III ................. ZN50 1 560
   (Total Salary) ................................................... (3 120)
10. Barbara D. Kuyman, 1392, Clerk-Typist III ................. ZN50 1 725
   (Total Salary) ................................................... (3 450)
11. Eva L. Kinstle, 1394, Clerk-Typist III ................. ZN50 1 725
   (Total Salary) ................................................... (3 450)
12. Patricia A. Reps, 1395, Clerk-Typist III ................. N 3 480
13. Creed A. Will, 6665, Engineering draftsman I ......... ZN50 2 505
   (Total Salary) ................................................... (5 010)
14. George P. Clark, 1382, Instrument Maker ................. ZN50 3 690
   (Total Salary) ................................................... (7 380)
15. Ernie T. Ditzler, 1398, Instrument Maker ................ ZN50 3 690
   (Total Salary) ................................................... (7 380)
16. Ralph F. Flora, 1377, Departmental Business Manager ... N 12 000
17. Harold G. Stoner, 1383, Senior Laboratory Mechanic .... ZN50 3 300
   (Total Salary) ................................................... (6 600)
18. Charles Van Holland, 1384, Senior Laboratory Mechanic ... ZN50 3 300
   (Total Salary) ................................................... (6 600)
19. Patrick K. Watson, 1384, Senior Laboratory Mechanic ... ZN50 3 240
   (Total Salary) ................................................... (6 480)
20. Bess G. Matteson, 1388, Secretary—Stenographic ........ N 5 610
21. Dorothy A. Trotter, 7663, Secretary—Stenographic .... N 5 010
22. Edward J. Early, 1389, Storekeeper ......................... N 4 800
23. Roy G. Givens, 7666, Storekeeper ............................. N 4 800
24. Frank E. L. Witt, 8076, Technical Service Supervisor ... N 9 180

Total, Physics (College) ............................................. $102 865
### Stores — Physics Overhead

**Account Number 08-22-55-965**

1. Morris K. Coad, 7212, Stores Clerk .............................................. N $4,200
2. Robert L. Russell, 1389, Storekeeper ............................................. N $5,220

**Total, Stores — Physics Overhead** .................................................. $9,420

### Liquid Helium Service

**Account Number 09-22-55-946**

1. Donald C. Swanson, 1397, Senior Laboratory Mechanic ... N $6,540
2. Orville M. Zorns, 6466, Senior Laboratory Mechanic .... ZN50 $3,180

(Total Salary) ................................................................. $9,720

### Indirect Costs — Physics

**Account Number 40-22-55-300**

1. Fred S. Wise, 7806, Physical Research Laboratory Assistant ................................................................. ZN65 $5,590
2. Walter A. Hromadnik, 7480, Senior Laboratory Attendant N $4,860

**Total, Indirect Costs — Physics** .............................................. $10,450

### Cooperative Investigations

A. P. Sloan Foundation, Inc. — Solid State — Mapother

**Account Number 44-22-55-377**

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant ................................................................. ZN25 $1,875

A. P. Sloan Foundation, Inc. — Magnetic Research — Slichter

**Account Number 44-22-55-378**

1. Carlos A. Perceny, 7451, Physical Research Laboratory Assistant ................................................................. ZN25 $1,875

### U.S. Air Force 49

**Account Number 46-22-55-301**

1. Eva L. Kinstle, 1394, Clerk-Typist III .............................................. ZN25 $862
2. Harold G. Stoner, 1383, Senior Laboratory Mechanic .... ZN50 $3,300

**Total, U.S. Air Force 49** ....................................................... $4,162

### U.S. Air Force 579

**Account Number 46-22-55-306**

1. E. Ann Wells, 1390, Clerk-Stenographer III .............................. ZN25 $915

(Total Salary) ................................................................. (3,660)
2. Wayne L. Craig, 7814, Senior Laboratory Mechanic .... ZN50 $3,180

(Total Salary) ................................................................. (6,360)

**Total, U.S. Air Force 579** ....................................................... $4,095

### U.S. Air Force 594

**Account Number 46-22-55-307**

1. Eugene R. Cordes, 1399, Senior Laboratory Mechanic ... N $6,600

### U.S. Army Ordnance 1001

**Account Number 46-22-55-312**

1. E. Ann Wells, 1390, Clerk-Stenographer III .............................. ZN25 $915

### U.S. Army Ordnance 3134

**Account Number 46-22-55-318**

1. Orville M. Zorns, 6466, Senior Laboratory Mechanic .... ZN50 $3,180

### U.S. Atomic Energy Commission Project 3

**Account Number 46-22-55-320**

1. Creed A. Wills, 6665, Engineering Draftsman I ........................ ZN50 $2,505

### U.S. Atomic Energy Commission Project 22

**Account Number 46-22-55-321**

1. Patricia A. Lockhart, 7984, Clerk-Stenographer III .............................. ZN25 $780
2. Wayne L. Craig, 7814, Senior Laboratory Mechanic .... ZN50 $3,180

**Total, U.S. Atomic Energy Commission Project 22** .................. $3,960
U.S. Atomic Energy Commission 182
Account Number 46-22-55-322

1. E. Ann Wells, 1390, Clerk-Stenographer III .................. ZN50 $ 1 830
2. Eli J. Treasure, Jr., 5674, Accelerator Engineer I .......... N 6 300
3. Ervie T. Ditzler, 1398, Instrument Maker ...................... ZN50 3 600
4. Franklin Kibler, 1400, Instrument Maker ....................... ZN50 3 600
   (Total Salary) ................................................................ (7 880)
5. Charles W. DeVore, 6705, Senior Laboratory Mechanic .. ZN50 3 240
   (Total Salary) ................................................................ (6 480)
6. Charles Van Holland, 1378, Senior Laboratory Mechanic. ZN50 3 390
   (Total Salary) ................................................................ (10 300)

Total, U.S. Atomic Energy Commission 182 .......................... $22 140

U.S. Atomic Energy Commission 833
Account Number 46-22-55-323

1. Herman L. Stalker, 1381, Junior Laboratory Mechanic .... N $ 5 400

U.S. National Science Foundation G5970
Account Number 46-22-55-354

1. Patrecia A. Lockhart, 7984, Clerk-Stenographer III ...... ZN25 $ 780

U.S. Office of Naval Research 183405
Account Number 46-22-55-361

1. Carlos A. Perceny, 7451, Physical Research Laboratory  Assistant ......................... ZN25 $ 1 875
2. Margaret L. Drane, 6103, Assistant Laboratory Attendant N 50 1 620
3. Frances Priest, 8049, Assistant Laboratory Attendant .... N 50 1 620
4. ———— , 1409, Assistant Laboratory Attendant ............... N 3 220
5. Philip R. Francis, 1453, Chief Clerk ........................... N 6 030
6. Barbara J. Fiorillo, 7407, Clerk-Typist III ................... ZN50 1 560
7. Eva L. Kinstle, 1394, Clerk-Typist III ....................... ZN25 863
8. Doris A. Miller, 7753, Clerk-Typist III ....................... N 3 150
9. ———— , 1412, Technical Computer ............................ N 3 600
10. Emmy Redey, 1406, Draftsman ............................... N 4 200
11. Arthur W. Peters, 1417, Driver .............................. P 5 610
12. Fielder G. Dowding, 5604, Accelerator Engineer I ...... N $ 6 300
13. Roger Lilly, 1418, Accelerator Engineer I ................. N 75 4 725
14. Wallace E. Lloyd, 6426, Accelerator Engineer I .......... N 6 000
15. Richard J. Wallstrom, 1414, Accelerator Engineer I .... N 6 300
16. ———— , 5674, Accelerator Engineer I ....................... N 50 2 820
17. ———— , 1420, Accelerator Engineer I ........................ N 50 2 460
18. Frederick A. Roberts, 6504, Accelerator Engineer II .... N 8 400
19. ———— , 1443, Accelerator Engineer II ....................... N 7 100
20. ———— , 6521, Accelerator Engineer II ....................... N 8 160
21. Loren E. Ernest, 1413, Chief Accelerator Engineer ...... N 7 900
22. Clarence L. Rogers, 1446, Chief Accelerator Engineer .. ZN20 1 940
   (Total Salary) ................................................................ (9 700)
23. James R. Starr, Glass Blower I .............................. ZN45 2 970
   (Total Salary) ................................................................ (6 600)
24. George P. Clark, 1382, Instrument Maker .................... ZN50 3 690
25. Franklin Kibler, 1400, Instrument Maker ................. ZN50 3 690
26. ———— , 7934, Instrument Maker ............................ N 7 200
27. ———— , 1396, Junior Laboratory Mechanic ................ N 5 280
28. Thomas S. Brooks, 1415, Senior Laboratory Mechanic .. N 6 530
29. Leo E. Cole, 1402, Senior Laboratory Mechanic ........ N 6 450
30. Robert W. Fiscus, 1421, Senior Laboratory Mechanic .. N 6 480
31. George I. Pike, 5676, Senior Laboratory Mechanic .... N 6 600
32. Patrick K. Watson, 1384, Senior Laboratory Mechanic .. ZN50 3 240
33. ———— , 1399, Senior Laboratory Mechanic ................ N 6 240
34. Margaret Runkel, 7476, Secretary — Transcribing ....... N 5 520
35. Edward L. Garrison, 8083, Accelerator Technician .... N 5 670
36. Curtis A. Kliprice, 7779, Accelerator Technician .... N 5 220
37. Martin G. Stough, 8140, Accelerator Technician .... N 5 040
38. Donald Vermillion, 5365, Accelerator Technician .... N 6 420
39. William E. Fears, 7532, Electronics Technician I. .................. N $ 4 800
40. Glenn Russell Mann, 1422, Electronics Technician II . ....... N $ 6 000
41. Edward E. Wascher, 1405, Electronics Technician II . ....... N $ 6 600
42. __________, 1419, Electronics Technician II . ............... N $ 5 820
43. David C. Garrison, 8107, Nuclear Plate Technician .......... N $ 2 200

Total, U.S. Office of Naval Research 183405 ...................... $208 993

Physics Betatron

Account Number 00-22-56-300
1. George J. Schwab, 5942, Physical Research Laboratory Assistant ........................................... N $ 7 860
2. Clarence L. Rogers, 1446, Chief Accelerator Engineer ....... ZN80 $ 7 260
   (Total Salary) ........................................... (6 700)
3. James R. Harlan, 1448, Electronics Engineer ..................... N $ 9 060
4. James R. Starr, Glass Blower I . ................................ N $ 3 630
   (Total Salary) ........................................... (6 000)
5. Carl E. Kling, 1445, Glass Blower II . .......................... ZN50 $ 4 200
   (Total Salary) ........................................... (8 400)
6. George A. Johnson, 1449, Instrument Maker ...................... N $ 7 380
7. James J. Cochrane, 7048, Laboratory Manager ................. N $ 8 900
8. Marion A. Carrington, 1450, Senior Laboratory Mechanic .. N $ 6 540
9. Shirley J. Runyon, 1454, Secretary—Stenographic .......... N $ 4 350
10. Ralph D. Kenworthy, 1451, Storekeeper ......................... N $ 5 220

Total, Physics Betatron ........................................ $64 900

College

Theoretical and Applied Mechanics

Account Number 00-22-60-100
1. Janet M. Huddleston, 6978, Clerk-Typist III ..................... N $ 3 120
2. Bonnie J. Malcor, 5398, Clerk-Typist III ........................ N $ 3 120
3. __________, Clerk-Typist III .................................. N50 $ 1 500
5. Earl E. Shipley, 1459, Senior Laboratory Mechanic .......... N $ 6 540
6. E. R. Yates, 1477, Senior Laboratory Mechanic ............... N $ 6 540
7. Marilyn A. Wright, 1460, Secretary—Stenographic .......... N $ 5 280
8. Walter Carlson, 7136, Electronics Technician I ................ N $ 5 400

Total, Theoretical and Applied Mechanics (College) ........... $38 970

Station

Account Number 00-22-60-300
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .................................. ZN35 $ 2 520
   (Total Salary) ........................................... (7 200)
2. Joan J. Hoppough, 1461, Clerk-Stenographer III ............ N $ 3 360
3. Ernest J. Bryant, 1458, Senior Laboratory Mechanic .......... N $ 6 540
4. George E. Mercer, 1457, Senior Laboratory Mechanic ........ N $ 6 720
5. Larry L. Motsinger, 7491, Duplicating Machine Operator .... N $ 2 300
   (Total Salary) ........................................... (4 600)

Total, Theoretical and Applied Mechanics (Station) ............ $21 440

Cooperative Investigations

AMERICAN IRON AND STEEL—CONTINUOUS CONCRETE BEAMS

Account Number 44-22-60-301
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .................................. ZN5 $ 1 160
   (Total Salary) ........................................... (8 210)
2. Donna R. Kieso, 7950, Clerk-Stenographer III ................ ZN25 $ 1 240
   (Total Salary) ........................................... (5 880)
3. Merle R. Penny, 5273, Junior Laboratory Mechanic .......... ZN34 $ 1 060
   (Total Salary) ........................................... (5 880)

Total, American Iron and Steel—Continuous Concrete Beams ... $ 3 130
AMERICAN IRON AND STEEL — WELDED WIRE FABRIC
Account Number 44-22-60-302
1. Donna R. Kieso, 7950, Clerk-Stenographer III........... ZN25 $ 810

AMERICAN IRON AND STEEL — FAILURES IN RAILROAD RAILS
Account Number 44-22-60-305
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .......... ZN5 $ 360
2. Marion C. Moore, 1473, Senior Laboratory Mechanic... N $ 6 540
Total, American Iron and Steel — Failures in Railroad Rails: .................. $ 6 900

GRIFFIN WHEEL COMPANY — RAILWAY WHEELS
Account Number 44-22-60-332
1. Gleason D. Thomas, 1465, Senior Laboratory Mechanic... N $ 6 540

U.S. AIR FORCE 5658
Account Number 46-22-60-301
1. Dean Bailey, 5128, Senior Laboratory Mechanic .......... ZN50 $ 3 270
(Total Salary) ........................................................................ (6 540)
2. Larry L. Motsinger, 7491, Duplicating Machine Operator III........ ZN25 1 150
Total, U.S. Air Force 5658 ................................................. $ 4 420

U.S. ARMY ORDNANCE 503
Account Number 46-22-60-304
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .......... ZN10 $ 720

U.S. AIR FORCE 5153
Account Number 46-22-60-305
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .......... ZN10 $ 720
2. Nancy E. Dahl, 5363, Clerk-Typist III.................... ZN33 1 160
(Total Salary) ........................................................................ (3 880)
3. Elmer Hunt, 1469, Senior Laboratory Mechanic............... N $ 6 540
4. James M. Robertson, 1463, Senior Laboratory Mechanic......... N $ 6 540
Total, U.S. Air Force 5153 ................................................. $14 960

U.S. AIR FORCE 6643
Account Number 46-22-60-306
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .......... ZN5 $ 360
2. Larry L. Motsinger, 7491, Duplicating Machine Operator III........ ZN25 1 150
Total, U.S. Air Force 6643 ................................................. $ 4 510

U.S. ATOMIC ENERGY COMMISSION PROJECT 20
Account Number 46-22-60-309
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .......... ZN10 $ 720
2. Nancy E. Dahl, 5363, Clerk-Typist III .................... ZN33 1 160
Total, U.S. Atomic Energy Commission Project 20 ...... $ 1 880

U.S. N.O.B.S. 72069
Account Number 46-22-60-354
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .......... ZN10 $ 720
2. Dean Bailey, 5158, Senior Laboratory Mechanic .......... ZN50 3 270
3. James W. Bryant, 1475, Senior Laboratory Mechanic .......... N $ 6 540
Total, U.S. N.O.B.S. 72069 ................................................. $10 530

U.S. OFFICE OF NAVAL RESEARCH 2947-01X
Account Number 46-22-60-370
1. Isabelle S. Purnell, 6298, Research Program Administrative Assistant .......... ZN10 $ 720
2. Nancy E. Dahl, 5363, Clerk-Typist III.................... ZN34 1 160
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<td>Ralph T. McNeely, 1587</td>
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<td>G. H. Steward, 5730</td>
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University of Illinois Bands
Account Number 00-24-35-100
1. John E. Cranford, 7742, Equipment Attendant........... N $ 5 400
2. Rosemary A. Volkstadt, 1592, Clerk-Typist III........... N 3 390
Total, University of Illinois Bands........................ $ 8 790

Small Homes Council — Building Research Council
Account Number 00-24-50-300
1. Helen Y. Lybarger, 1868, Clerk-Deographier II........... N $ 3 900
2. Gwyneth B. Shaffer, 1866, Clerk-Deographier III...... N 3 810
3. Lila L. Shedehelm, 1865, Clerk-Typist II.............. N 3 240
4. Mary A. Tan, 1867, Clerk-Typist II.................. N 3 180
5. Dorothy E. Wilkins, 1864, Secretary — Deographier.... N 6 450
Total, Small Homes Council — Building Research Council. $19 660

Small Homes Council Publications Revolving
Account Number 12-24-50-466
1. Beverly J. Bruner, 1873, Clerk II...................... N $ 2 820
Total, Small Homes Council Publications Revolving........ $ 2 820

Krahnert Art Museum
Account Number 00-24-80-100
1. Jimmie O. Sowers, 8063, Equipment Attendant........... N $ 4 500
2. Berdine E. Soenksen, 8214, Clerk-Deographier II...... N 3 180
Total, Krahnert Art Museum................................ $ 7 680

GRADUATE COLLEGE
Administration
Account Number 00-26-01-100
1. Edith L. Williams, 7634, Clerk III..................... N $ 3 300
2. Mary E. Hott, 1479, Administrative Clerk............. N 7 800
3. Antoinette La Voie, 1480, Administrative Clerk.... N 7 800
4. Marcia Nock, 7151, Typing Clerk II.................. N 2 820
5. Carolyn M. Wheeler, 6897, Clerk-Deographier II...... N 3 045
6. Judith R. Clark, 1481, Clerk-Deographier III........ N 3 660
7. Mary Ellen Guffey, 1482, Clerk-Deographier III..... N 3 045
8. Steffani A. Hickey, 1486, Clerk-Typist I............. N 3 045
9. Elizabeth J. Mitchell, 7959, Clerk-Typist I......... N 3 000
10. Edna M. Jenkins, 1484, Clerk-Typist II............... N 3 120
11. E. Virginia Medrow, 1485, Clerk-Typist II.......... N 3 120
12. Sandra E. Sokolow, 5607, Clerk-Typist II........... N 3 150
13. Dorothy B. Rickert, 7425, Secretary — Deographier... N 6 400
Total, Administration ..................................... $53 020

Glass Blowing Service
Account Number 00-26-01-932
1. Arthur F. Robbins, 5584, Glass Blower II ............. ZN62 $ 5 175
(Total Salary) ........................................... (8 400)
Total, Glass Blowing Service .............................. $ 5 175

Cooperative Investigations
U.S. NATIONAL SCIENCE FOUNDATION — GRADUATE RESEARCH — ELECTRON MICROSCOPE LABORATORY
Account Number 46-26-01-356
1. Olive L. Stayton, 7851, Assistant Laboratory Attendant... N 86 $ 2 889

U.S. NATIONAL SCIENCE FOUNDATION — GRADUATE RESEARCH — GLASS BLOWING LABORATORY
Account Number 46-26-01-357
1. Arthur F. Robbins, 5584, Glass Blower II ............. ZN38 $ 3 225
Special Fund

Account Number 00-26-05-300

1. Mary M. Gaddy, 7955, Clerk II ........................................... N  $2 940
2. Deborah H. Skehen, 1489, Clerk-Typist III ............................. N  3 720

Total, Special Fund .......................................................... $6 660

Digital Computer Laboratory

Account Number 00-26-15-300

1. G. W. Michael, 1494, Laboratory Program Administrative Assistant ........................................... N  $7 650
2. Victor B. Apke, 8195, Stores Clerk ........................................... ZN50 1 980
   (Total Salary) ........................................................................... (3 900)
3. Pauline W. Trinka, 6700, Clerk-Stenographer II .......................... N  3 360
4. Marilyn J. Briley, 8036, Clerk-Typist II .................................... N  3 660
5. John W. Oare, 1497, Draftsman ................................................ ZN50 2 340
   (Total Salary) ........................................................................... (4 680)
6. Thomas E. Kerckering, Model Maker ......................................... ZN50 3 660
   (Total Salary) ........................................................................... (7 380)
7. James E. Bahls, 1499, Junior Laboratory Mechanic ....................... ZN50 2 880
   (Total Salary) ........................................................................... (5 760)
8. Lynn Kimbrough, 8031, Card Punch Operator I ............................. N  2 880
9. Norma I. Saathoff, 1501, Computer Teletype Operator .................. N  2 880
12. Helen B. Clark, 1500, Secretary — Stenographic ......................... N  5 430
13. Ronald A. Gustafson, 1496, Electronics Technician I .................... N  3 990
14. Joseph V. Wenta, 6074, Electronics Technician II ......................... N  6 360

Total, Digital Computer Laboratory ........................................... $56 130

Illiac Service

Account Number 09-26-15-042

1. Jean E. Ellsworth, 7750, Clerk-Stenographer III .......................... N  3 600
5. Robert L. Miller, 7300, Electronics Technician I ........................... N  4 380
6. Robert F. Coady, 8032, Electronics Technician II ........................ N  5 100
7. Shirlie P. Krahe, 6241, Electronics Technician II ........................... N  5 340
8. Edmund Pelg, 7897, Electronics Technician II ............................. N  5 400
9. Warren V. Richardson, 7961, Tape Equipment Technician ................ N  4 380

Total, Illiac Service ..................................................................... $44 856

Cooperative Investigations

U.S. Atomic Energy Commission 415

Account Number 46-26-15-303

1. Victor B. Apke, 8195, Stores Clerk ........................................... ZN50  $1 980
2. John W. Oare, 1497, Draftsman ................................................ ZN50  2 340
3. James A. Rittis, 7945, Draftsman ............................................. N  4 440
4. Clifford E. Carter, 5959, Electronic Engineer ............................... N  7 770
5. Harold E. Lopeman, 1495, Electronic Engineer ............................ N  8 030
6. Thomas E. Kerckering, Model Maker ......................................... ZN50  3 660
7. James E. Bahls, 1499, Junior Laboratory Mechanic ....................... N  2 880
8. Ralph M. Rivera, 1498, Junior Laboratory Mechanic .................... N  5 700
10. Arlyle F. Irwin, 6205, Electronics Technician I ............................ N  4 860
11. Richard F. Kingsley, 7381, Electronics Technician I ..................... N  4 200
12. Artie L. Reeves, 6553, Electronics Technician I ........................... N  4 380
13. Frank P. Serio, 7902, Electronics Technician II ........................... N  5 400
14. John D. Sullivan, 7895, Electronics Technician II ......................... N  5 400

Total, U.S. Atomic Energy Commission 415 ................................ $65 400
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<td>00-26-33-300</td>
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<td>46-26-82-368</td>
<td>Keith P. Dauphin</td>
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<td>45-26-84-312</td>
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### Cooperative Investigations

**SOCIAL HUMAN ECOLOGY MEANING SYSTEMS**

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<td>3. Richard L. Benson, 1675, Broadcasting Program Assistant</td>
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<td>4. Robert P. Crawford, 1667, Broadcasting Program Assistant</td>
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<td>5. Bernice I. Cross, 1666, Broadcasting Program Assistant</td>
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<td>6. R. Eleanor Grogg, 1668, Broadcasting Program Assistant</td>
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<td>13. Shirley A. Gamble, 1691, Clerk-Stenographer I</td>
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<td>14. Eva M. Benton, 1684, Broadcasting Engineer</td>
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<td>15. Jean W. Burkhead, 7182, Broadcasting Engineer</td>
<td>H</td>
<td>$(4,429)</td>
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<tr>
<td>16. Lloyd L. Massingill, 1682, Broadcasting Engineer</td>
<td>P</td>
<td>5,430</td>
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<tr>
<td>17. Gerald D. Wood, 1695, Broadcasting Engineer</td>
<td>P</td>
<td>5,110</td>
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<tr>
<td>18. Rob R. Beldon, 1663, Chief Broadcasting Engineer</td>
<td>ZN50</td>
<td>4,890</td>
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<tr>
<td><em>(Total Salary)</em></td>
<td></td>
<td>$(9,780)*</td>
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<tr>
<td>19. Clarence H. Berbaum, 5487, Assistant Chief Broadcasting Engineer</td>
<td>N</td>
<td>7,680</td>
</tr>
<tr>
<td>20. Roland P. Mascal, 6932, Radio Operator</td>
<td>P</td>
<td>4,176</td>
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<tr>
<td>21. W. David Smith, 1688, Radio Operator</td>
<td>P50</td>
<td>2,349</td>
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<tr>
<td>22. ————, 1685, Radio Operator</td>
<td>P</td>
<td>4,176</td>
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<td>23. Faye Bachert, 1690, Secretary — Stenographic</td>
<td>ZN50</td>
<td>2,250</td>
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<tr>
<td><em>(Total Salary)</em></td>
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<tr>
<td>24. Kevin E. Wheeler, 1665, Production Supervisor</td>
<td>N</td>
<td>6,180</td>
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<tr>
<td>25. John A. Regnell, 1661, Supervisor of Educational Programs</td>
<td>N75</td>
<td>6,580</td>
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<tr>
<td><em>(Total Salary)</em></td>
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<td>$(8,290)*</td>
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<tr>
<td><em>(Also academic)</em></td>
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<tr>
<td>26. Kenneth L. Cutler, 1662, Supervisor of Music</td>
<td>N</td>
<td>7,770</td>
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<tr>
<td>27. Jimmie G. Turpin, 6417, Supervisor of Sports Broadcasts</td>
<td>N</td>
<td>6,000</td>
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<tr>
<td><strong>Total, Radio Station</strong></td>
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<td>$102,967</td>
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### RECORDING SERVICE

Account Number 09-28-25-973

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<tr>
<td>Broadcasting Engineer</td>
<td>Edna Haney, 1681</td>
<td>$5,430</td>
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<tr>
<td><strong>Total, Recording Service</strong></td>
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### NATIONAL ASSOCIATION OF EDUCATIONAL BROADCASTERS TAPE NETWORK

Account Number 44-28-25-456

<table>
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<th>Position</th>
<th>Name</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Tape Network Manager</td>
<td>Robert E. Underwood, Jr., 1659</td>
<td>$6,600</td>
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<tr>
<td>Network Production Manager</td>
<td>Jesse L. Trump, Jr., 6732</td>
<td>$5,700</td>
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<tr>
<td>Assistant Network Traffic Manager</td>
<td>Doreen E. Parsons, 1660</td>
<td>$3,600</td>
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<tr>
<td>Audio-Visual Aids Technician I</td>
<td>Gabor I. Belso, 7218</td>
<td>$3,420</td>
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<tr>
<td>Audio-Visual Aids Technician II</td>
<td>Zoltan Ujhelyi, 6930</td>
<td>$3,900</td>
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<td><strong>Total, National Association of Educational Broadcasters Tape Network</strong></td>
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<td>$23,230</td>
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### TELEVISION-MOTION PICTURES

Account Number 00-28-25-100

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<th>Position</th>
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<tr>
<td>Broadcasting Program Assistant N50</td>
<td>Richard Lee Adams, 7974</td>
<td>$1,920</td>
</tr>
<tr>
<td>Broadcasting Program Assistant N50</td>
<td>Olive B. Curril, 1678</td>
<td>$2,220</td>
</tr>
<tr>
<td>Broadcasting Program Assistant N50</td>
<td>Ursula Maksic, 1676</td>
<td>$2,250</td>
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<tr>
<td>Television Cameraman N</td>
<td>Harold D. Blue, 1697</td>
<td>$5,840</td>
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<tr>
<td>Clerk-Typist II</td>
<td>Claire M. Teramoto, 7175</td>
<td>$3,510</td>
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<tr>
<td>Television Production Coordinator N85</td>
<td>David L. Lange, 6107</td>
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<td><strong>Total Salary</strong> (Paid from item 7)</td>
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<tr>
<td><strong>Total Salary</strong> (Also academic)</td>
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<td>$9,780</td>
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<tr>
<td>Assistant Director-Producer N</td>
<td>Jack M. Cannell, 7157</td>
<td>$8,220</td>
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<tr>
<td>Television Director-Producer N80</td>
<td>Alvin Piering, 1696</td>
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<td><strong>Total, Television-Motion Pictures</strong></td>
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### COLLEGE OF LAW

Account Number 00-30-110-100

<table>
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<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Chief Clerk</td>
<td>C. Margaret Wäscher, 1642</td>
<td>$5,220</td>
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<tr>
<td>Clerk-Stenographer II</td>
<td>Jacqueline C. Berkman, 1646</td>
<td>$3,120</td>
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<tr>
<td>Clerk-Stenographer II</td>
<td>Barbara A. Ferlicka, 1643</td>
<td>$2,850</td>
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<tr>
<td>Clerk-Stenographer III</td>
<td>Marian H. Martin, 1641</td>
<td>$7,800</td>
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<td><strong>Total, College of Law</strong></td>
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### COLLEGE OF LIBERAL ARTS AND SCIENCES

#### Administration

Account Number 00-32-01-100

<table>
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<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>Clerk III</td>
<td>Helen J. Esworthy, 1642</td>
<td>$3,900</td>
</tr>
<tr>
<td>Chief Clerk</td>
<td>Betty Brooks Smith, 5175</td>
<td>$6,000</td>
</tr>
<tr>
<td>Clerk-Stenographer II</td>
<td>Rosanne Kolinski, 0501</td>
<td>$3,000</td>
</tr>
<tr>
<td>Clerk-Stenographer III</td>
<td>Jean M. Glass, 9497</td>
<td>$3,600</td>
</tr>
<tr>
<td>Clerk-Stenographer III</td>
<td>Jillian L. Hansen, 0499</td>
<td>$4,530</td>
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</tbody>
</table>
6. Mary E. Fleming, 8084, Clerk-Typist I. ZH25 (Total Salary) (Nine months) (450) (900)

7. ———, 9500, Clerk-Typist II. N50 1,320
8. Claudine A. Hayes, 8057, Clerk-Typist III. N 3,300
9. Lucille N. Ellis, 0496, Administrative Secretary — Stenographic. N 7,800
Total, Administration $33,540

**Anthropology**

Account Number 00-32-07-100
1. Betty W. Starr, 8028, Secretary — Stenographic. N $5,310
Total, Anthropology $5,310

**Astronomy**

**Cooperative Investigations**

U.S. OFFICE OF NAVAL RESEARCH 183422
Account Number 46-32-10-364
1. Richard F. Ripper, 1342, Chief Clerk. ZN27 $1,715 (Total Salary) (6,350)
2. Lyle L. Hawkey, 7522, Electronics Technician I. N 4,440
Total, U.S. Office of Naval Research 183422 $6,155

**Botany**

Account Number 00-32-16-100
1. Natalie H. Davis, 0516, Scientific Artist. N $4,830
2. Helen E. Sterrett, 0519, Assistant to Curator of Herbarium N 4,260
3. Henry W. Harris, 7112, Equipment Attendant. N 4,770
4. Evelyn V. Menges, 0515, Chief Clerk. N 5,370
5. M. Joann Mahannah, 0518, Clerk-Typist II. N 2,940
6. Janet K. Sweda, 0517, Clerk-Typist II. N 2,910
7. Walter R. Cook, 0513, Senior Laboratory Mechanic. N 6,570
Total, Botany $37,290

**Graduate Research in Botany — Rabinowitch**

Account Number 01-32-16-371
1. Lucie W. Clark, 1505, Typing Clerk II. N50 $1,650
Total, Graduate Research in Botany — Rabinowitch $1,650

**Cooperative Investigations**

U.S. NATIONAL SCIENCE FOUNDATION G9117
Account Number 46-32-16-364
1. Peter E. Bloom, 7363, Nurseryman. ZN50 $2,700 (Total Salary) (5,400)

U.S. PUBLIC HEALTH SERVICE E3013
Account Number 46-32-16-369
1. Peter E. Bloom, 7363, Nurseryman. ZN50 $2,700

**Chemistry and Chemical Engineering**

Account Number 00-32-19-100
1. F. Thomas Gothard, Jr., 7311, Laboratory Program Administrative Assistant. N $6,210
2. Robert E. Duvall, 0540, Senior Laboratory Attendant. N 5,274
3. Ruth Mock, 0554, Animal Caretaker. N 5,100
4. Elsie M. Wilson, 0523, Administrative Clerk. N 7,800
5. Robert J. Edwards, 0546, Stores Clerk. N 4,200
6. Sharon M. Allen, 8006, Clerk-Stenographer II. ZN50 1,590 (Total Salary) (3,180)
7. Betty L. Frederick, 7380, Clerk-Stenographer II. N 3,780
8. Charlotte B. Proemmel, 0528, Clerk-Stenographer II. N 4,200

**Graduate Research in Chemistry — Rabinowitch**

Account Number 01-32-19-371
1. Lucie W. Clark, 1522, Typing Clerk II. N50 $1,650
Total, Graduate Research in Chemistry — Rabinowitch $1,650
9. Mary K. Roth, 7244, Clerk-Stenographer II.............. ZN50 1 740
   (Total Salary) ............................................ $3 480
10. Nancy J. Tutwiler, 0530, Clerk-Stenographer II..... N 3 330
11. Peggy J. Walrich, 0529, Clerk-Stenographer II..... N 3 450
12. Roberta M. Humphrey, 0533, Clerk-Stenographer III.. N 3 600
13. Joanne E. Scanlan, 0532, Clerk-Stenographer III.... ZN90 3 600
   (Total Salary) ............................................. (4 020)
14. Julia Zvilius, 0525, Clerk-Stenographer III........ N 3 990
15. Catherine Davis, 7201, Clerk-Typist II.............. ZN50 1 500
   (Total Salary) ............................................. (3 600)
16. Wandalou M. Ziegler, 0526, Clerk-Typist III....... N 4 200
17. ----------------, Clerk-Typist III...................... N 3 400
18. ----------------, 7493, Electronic Engineer.......... G 7 000
   (Ten months)
19. Leon F. Goodyear, 0521, Glass Blower II............ N95 7 900
   (Total Salary) ............................................. (8 300)
   (Also academic)
20. Clifford R. Dammers, 7334, Departmental Business Man-
   ager .......................................................... N 11 150
21. Lee Whyte, 5732, Laboratory Manager.................. N 10 500
22. Virgil F. Clements, 0542, Senior Laboratory Mechanic N 6 480
23. Claude B. Dunn, 0543, Senior Laboratory Mechanic... N 6 570
24. S. A. Phillips, 0544, Senior Laboratory Mechanic... N 6 540
25. A. E. Wood, 0541, Senior Laboratory Mechanic....... N 6 750
26. Margaret N. Durham, 7688, Placement Officer........ N 5 400
27. Hazel H. T. Inada, 0524, Secretary—Stenographic... N 4 200
28. Doris W. Niccum, 0539, Secretary—Stenographic..... N 4 590
29. Elanor P. Greeson, 0527, Secretary—Transcribing... N 4 380
30. Leonard L. Applegate, 0549, Storekeeper............ N 5 220
31. R. E. Brown, 0548, Storekeeper....................... N 5 220
32. Gladson Burton, 0539, Storekeeper.................... N 5 190
33. Carl S. Coad, 0538, Storekeeper....................... N 5 190
34. Edward J. Gray, 0551, Storekeeper.................... N 5 250
35. John T. Kink, 0553, Storekeeper...................... N 5 130
36. Louis L. Lafenhagen, 0550, Storekeeper.............. N 5 220
37. John A. Mullen, Jr., 0535, Storekeeper.............. N 5 040
38. M. T. Murrell, 0534, Storekeeper...................... N 5 370
39. Glenn L. Percival, 0532, Storekeeper................. N 5 220
40. G. A. Pittman, 0537, Storekeeper..................... N 5 256
41. Charles W. Schlatter, 0547, Storekeeper............. N 4 920
42. C. M. Scott, 0536, Storekeeper....................... N 5 370
43. Raymond E. Wilson, 0614, Storekeeper................. N 4 920
44. Ernst R. Froemmel, 8067, Electronics Technician II ZN50 3 600
   (Total Salary) ............................................. (6 000)
45. Verle Walters, 7431, Instrument and Measurement Tech-
    nician II .................................................. N 7 200
46. ---------------- ............................................. N 4 140

Total, Chemistry and Chemical Engineering ................ $$235 280$

Indirect Costs — Chemistry and Chemical Engineering
Account Number 40-32-19-300
  1. Walter W. Demlow, 1272, Senior Laboratory Mechanic... ZN50 $3 383
     (Total Salary) ............................................ (6 765)

Cooperative Investigations
A. P. SLOAN FOUNDATION, INC. — ORGANIC CHEMISTRY — ADAMS
Account Number 44-32-19-380
  1. Mary K. Roth, 7244, Clerk-Stenographer II.............. ZN50 $1 740

U.S. Air Force 5486
Account Number 46-32-19-306
  1. Catherine Davis, 7201, Clerk-Typist II.............. ZN50 $1 500
     2. Patricia R. Rieger, 0832, Clerk-Typist III........ N 3 600

Total, U.S. Air Force 5486 ................................ $$5 100
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<th>Account Number</th>
<th>Name</th>
<th>Title</th>
<th>Salary</th>
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<td>U.S. Army Quartermaster 1262</td>
<td>46-32-19-318</td>
<td>Mary C. Hanson</td>
<td>Secretary — Stenographic</td>
<td>$1,100</td>
<td>(5,790)</td>
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<tr>
<td>U.S. National Science Foundation G8735</td>
<td>46-32-19-348</td>
<td>Robert E. Buffington</td>
<td>Scientific Analyst</td>
<td>$5,400</td>
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<td>U.S. Office of Naval Research 183413</td>
<td>46-32-19-353</td>
<td>Mary C. Hanson</td>
<td>Secretary — Stenographic</td>
<td>$4,690</td>
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<td>U.S. Public Health Service A562</td>
<td>46-32-19-377</td>
<td>Jo Ann K. Boyer</td>
<td>Junior Laboratory Attendant</td>
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<td>U.S. Public Health Service E1683</td>
<td>46-32-19-384</td>
<td>Marion Lanyon</td>
<td>Clerk-Stenographer III</td>
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<td>Classics</td>
<td>00-32-22-100</td>
<td>Lorraine B. Gray</td>
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<td>English</td>
<td>00-32-25-100</td>
<td>Mary K. Peer</td>
<td>Administrative Clerk</td>
<td>$7,800</td>
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<td>Entomology</td>
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<td>Lorraine Robe</td>
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<td>French</td>
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<td>Martha M. Fisher</td>
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<td>$4,500</td>
<td>(450)</td>
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<td>Geography</td>
<td>00-32-37-100</td>
<td>Elizabeth W. Schultz</td>
<td>Secretary — Stenographic</td>
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<td>Division of General Studies</td>
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<td>Geography</td>
<td>00-32-43-100</td>
<td>Dorothy D. Coslet</td>
<td>Clerk-Stenographer I</td>
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<td>Total, French</td>
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<td>Total, Geography</td>
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Cooperative Investigations

STATE DEPARTMENT OF REGISTRATION AND EDUCATION —
ILLINOIS RESOURCES ATLAS
Account Number 47-32-43-372

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<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. James A. Bier, Cartographic Draftsman</td>
<td>7194</td>
<td>ZN13</td>
<td>$ 840</td>
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**Geology**

Account Number 00-32-46-100

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<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. Mary A. Babcock, Clerk-Typist II</td>
<td>0846</td>
<td>N</td>
<td>$3 150</td>
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<tr>
<td>2. Ruby D. Hart, Clerk-Typist III</td>
<td>0847</td>
<td>N</td>
<td>$3 900</td>
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<tr>
<td>3. Rosa M. Nickell, Secretary — Stenographic</td>
<td>0845</td>
<td>N</td>
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Total, Geology "$13 650"

**German**

Account Number 00-32-49-100

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<th>Name</th>
<th>Account Number</th>
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<tbody>
<tr>
<td>1. Herta V. Murrell, Clerk-Stenographer III</td>
<td>0848</td>
<td>N</td>
<td>$3 630</td>
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Total, German "$3 630"

**History**

Account Number 00-32-52-100

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<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>1. Ruth H. Lewis, Secretary — Stenographic</td>
<td>0849</td>
<td>N</td>
<td>$5 460</td>
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Total, History "$5 460"

**School of Life Sciences**

Account Number 00-32-53-100

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. Dorothy M. Smith, Assistant to Museum Curator</td>
<td>6511</td>
<td>N60</td>
<td>$2 790</td>
</tr>
<tr>
<td>2. Florence A. Tromater, Clerk-Stenographer II</td>
<td>0900</td>
<td>N50</td>
<td>$1 500</td>
</tr>
<tr>
<td>3. Roy J. Charles, Senior Laboratory Mechanic</td>
<td>0503</td>
<td>N</td>
<td>$6 480</td>
</tr>
<tr>
<td>4. Alexander S. Wilson, Senior Laboratory Mechanic</td>
<td>0502</td>
<td>N</td>
<td>$6 600</td>
</tr>
<tr>
<td>5. Harry C. Henriksen, Museum Preparator</td>
<td>0792</td>
<td>N</td>
<td>$5 830</td>
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<tr>
<td>6. E. Kathleen Seeds, Secretary — Stenographic</td>
<td>0507</td>
<td>N</td>
<td>$4 410</td>
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Total, School of Life Sciences "$27 720"

**Drafting Service**

Account Number 00-32-53-017

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<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. Charles H. Beiger, Jr., Technical Draftsman-Illustrator I</td>
<td>7330</td>
<td>N</td>
<td>$4 590</td>
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Total, Drafting Service "$4 590"

**Mathematics**

Account Number 00-32-54-100

<table>
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<th>Position</th>
<th>Name</th>
<th>Account Number</th>
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<tbody>
<tr>
<td>1. Lucretia M. Levy, Assistant to Editor</td>
<td>6642</td>
<td>N50</td>
<td>$3 600</td>
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<tr>
<td>2. Patricia C. Melka, Clerk-Stenographer I</td>
<td>7346</td>
<td>N</td>
<td>$3 210</td>
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<tr>
<td>3. Carolyn J. Bloemker, Clerk-Typist II</td>
<td>0851</td>
<td>N</td>
<td>$3 420</td>
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<tr>
<td>4. Dorothea F. Will, Secretary — Stenographic</td>
<td>0850</td>
<td>N</td>
<td>$4 500</td>
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Total, Mathematics "$14 730"

**Cooperative Investigations**

U.S. NATIONAL SCIENCE FOUNDATION G6512
Account Number 46-32-54-160

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. Marjorie M. Beasley, Clerk-Stenographer III</td>
<td>8141</td>
<td>N</td>
<td>$4 200</td>
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**Microbiology**

Account Number 00-32-55-100

<table>
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<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>1. William H. Morse, Assistant Laboratory Attendant</td>
<td>5000</td>
<td>N</td>
<td>$3 240</td>
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<tr>
<td>2. Leonora C. Updike, Assistant Laboratory Attendant</td>
<td>5000</td>
<td>N</td>
<td>$3 600</td>
</tr>
<tr>
<td>3. Lela B. McElwee, Junior Laboratory Attendant</td>
<td>0510</td>
<td>N</td>
<td>$4 260</td>
</tr>
<tr>
<td>4. Norman L. Miller, Junior Laboratory Attendant</td>
<td>0505</td>
<td>N</td>
<td>$4 260</td>
</tr>
<tr>
<td>5. John L. Buckner, Senior Laboratory Attendant</td>
<td>0506</td>
<td>N</td>
<td>$5 400</td>
</tr>
<tr>
<td>6. Rose A. Neumann, Clerk-Stenographer III</td>
<td>0511</td>
<td>ZN75</td>
<td>$3 180</td>
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(Total Salary) "$4 260"

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<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>7. Astrid H. Hall, Clerk-Typist III</td>
<td>0509</td>
<td>N</td>
<td>$3 250</td>
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<tr>
<td>8. Camilla L. Krueger, Clerk-Typist III</td>
<td>0508</td>
<td>N</td>
<td>$3 180</td>
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### Cooperative Investigations

**American Cancer Society E9B**

Account Number 44-32-55-395

1. Hazel I. Ragle, 6524, Assistant Laboratory Attendant 	N 	$3,420
2. Effie G. Bailey, 0512, Junior Laboratory Attendant 	N 	$4,080

*Total, American Cancer Society E9B* 	$7,500

**U.S. Office of Naval Research 183424**

Account Number 46-32-55-308

1. Robert L. Jones, 6557, Assistant Laboratory Attendant 	N 	$3,420

**U.S. Office of Naval Research 183430**

Account Number 46-32-55-325

1. Frances E. Engle, 7723, Senior Laboratory Attendant 	N 	$4,800

**U.S. Public Health Service C1004**

Account Number 46-32-55-308

1. Rose A. Neumann, 0511, Clerk-Stenographer III 	ZN25 	$1,080

**Philosophy**

Account Number 00-32-37-100

1. Betty M. Moore, 0852, Clerk-Stenographer III 	N 	$3,720
2. Jean A. Albrecht, 7983, Clerk-Typist II 	H50 	(1,305)

*Total, Philosophy* 	$3,370

**Physiology**

Account Number 00-32-60-100

1. Frances D. Robbins, 8087, Scientific Analyst 	N 	$4,860
2. Stella Montgomery, 5514, Foods Laboratory Assistant 	N 	$3,600
3. Olen Mackey, 0855, Animal Caretaker 	N 	$5,230
4. Mary J. Arndt, 7840, Clerk-Stenographer I 	N 	$3,390
5. Edythe Davis, 0856, Clerk-Typist III 	N 	$3,870
6. Olen Mackey, 0854, Secretary—Stenographic 	N 	$4,380
7. Russell J. Gligoly, 0853, Storekeeper 	N 	$5,290

*Total, Physiology* 	$27,230

**Political Science**

Account Number 00-32-63-100

1. Carolyn J. Higgs, 0857, Clerk-Stenographer III 	N 	$3,900

*Total, Political Science* 	$3,900

**Psychology**

Account Number 00-32-66-100

1. Judith C. Pirtle, 7050, Personnel Assistant II 	N 	$3,060
2. Ulysses G. Mullen, 0864, Assistant Laboratory Attendant 	N50 	$1,815
3. Dorlis J. Kirchner, 7098, Chief Clerk 	N 	$4,860
4. Joan G. Fensternaker, 0860, Clerk-Stenographer III 	N 	$3,780
5. Elaine M. Johnson, 0862, Clerk-Typist II 	N 	$3,000
7. Mary P. Innes, 7527, Clerk-Typist III 	N 	$3,540
8. Olen Mackey, 0863, Clerk-Typist III 	N 	$1,500

*Total, Psychology* 	$33,735

**Indirect Costs—Psychology**

Account Number 40-32-66-300

1. Roberta K. Garner, 7453, Clerk-Typist III 	ZN25 	$3,300
2. Roberta K. Garner, 7453, Clerk-Typist III 	ZN25 	$870

*(Total Salary)* 	(3,480)

*Total, indirect Costs—Psychology* 	$4,170
Cooperative Investigations
U.S. Air Force 5705
Account Number 46-32-66-306
1. Albert H. Bowman, 5953, Model Maker ..................... ZN50 $ 4 160
   (Total Salary) ...................................... (8 320)
2. Genevieve C. Baker, 0873, Secretary — Transcribing .. ZN50 2 190
   (Total Salary) ...................................... (4 380)
   Total, U.S. Air Force 5705 .......................... $ 6 350

U.S. Air Force 5965
Account Number 46-32-66-309
1. Anna M. Gissing, 0868, Clerk-Stenographer III ....... N50 $ 2 010
2. Margie L. Keele, 7637, Clerk-Typist II .................. ZN50 1 650
   (Total Salary) ...................................... (3 660)
   Total, U.S. Air Force 5965 .......................... $ 3 660

U.S. Naval Training Center N61339297
Account Number 46-32-66-358
1. Albert H. Bowman, 5953, Model Maker ..................... ZN50 $ 4 160
2. Genevieve C. Baker, 0873, Secretary — Transcribing .. ZN50 2 190
   Total, U.S. Naval Training Center N61339297 ....... $ 8 180

U.S. Office of Education SAE 8383
Account Number 46-32-66-361
1. Anne M. Grossman, 8007, Clerk II ......................... N  $ 2 640

U.S. Public Health Service M1206
Account Number 46-32-66-365
1. Phyllis L. Stewart, 5682, Clerk-Typist II ................. N  $ 3 300

U.S. Public Health Service M1041R2
Account Number 46-32-66-366
1. Kathryn L. Hansen, 7652, Clerk II ......................... N  $ 3 180
2. Roberta K. Garner, 7453, Clerk-Typist III ............. ZN50 2 610
   Total, U.S. Public Health Service M1041R2 ........... $ 5 790

U.S. Public Health Service M1774
Account Number 46-32-66-367
1. Carol A. Watts, 7736, Clerk-Stenographer III .......... N  $ 3 690

U.S. Public Health Service M1733
Account Number 46-32-66-371
1. Richard L. Miller, 7474, Statistical Clerk ............ N50 $ 1 800
2. ————, 6495, Clerk-Typist I .......................... N50 1 200
   Total, U.S. Public Health Service M1733 ............. $ 3 000

U.S. Public Health Service M3002
Account Number 46-32-66-377
1. Margo Tuite, 6452, Clerk-Typist II ..................... N  $ 3 300

State Department of Public Welfare — Motivation Conflict
Account Number 47-32-66-311
1. Marilyn L. Smith, 8183, Typing Clerk ................... N  $ 2 400

Russian
Account Number 00-32-68-100
1. Pauline M. Apperson, 8013, Clerk-Typist III ......... N  $ 3 750
   Total, Russian ...................................... $ 3 750

Sociology
Account Number 00-32-69-100
1. Carol A. Wiggins, 0883, Clerk-Typist II .............. G  $ 2 325
   (Nine months)
2. Elma L. Castor, 0882, Secretary — Stenographic .. N  $ 6 600
   Total, Sociology .................................... $ 8 925
## Cooperative Investigations

**Ford Foundation — Recidivism**

Account Number 44-32-59-329
1. Janice K. Darnell, 7475, Clerk-Typist III ........... N $ 3,930

**State of Illinois Division of Highways — Social Factors in Traffic**

Account Number 47-32-59-378
1. Betty L. McGregor, 8144, Clerk-Typist II .......... N $ 1,620

### Spanish and Italian

Account Number 00-32-72-100
1. Mary E. Valdes, 0885, Clerk-Stenographer III ....... N $ 3,960
2. ————, Clerk-Stenographer III .................. G $ 1,125
   *(Nine months)*

**Total, Spanish and Italian** ................................ .................. $ 5,085

### Speech

Account Number 00-32-75-100
1. Ella R. Newcomb, 0889, Clerk-Stenographer II ....... N $ 2,940
2. Robin H. Sheely, 5205, Clerk-Stenographer II ....... N $ 3,000
3. Shirley J. Davidson, 0888, Clerk-Stenographer III .... N $ 3,420
4. B. June Tinsley, 0887, Clerk-Stenographer III ....... N $ 3,300
5. Carolyn O. Welch, 0890, Clerk-Stenographer III ....... N $ 3,480
6. Marion D. Gilbert, 0891, Clerk-Typist II ........... N $ 2,940
7. Katherine A. Mullen, 0886, Secretary — Stenographic .... N $ 6,600
8. Jack L. Bradbery, 4904, Electronics Technician I .... H $ 3,900
9. Frank D'Ascenzo, 1491, Electronics Technician I .... N $ 3,600
10. David O. Lord, 1491, Electronics Technician I ....... H $ 2,600

**Total, Speech** .......................................................... $ 31,280

### Speech Revolving

Account Number 12-32-75-170
1. ————, 5205, Clerk-Stenographer II .................. N $ 3,060

**Total, Speech Revolving** .................................................. $ 3,060

### Zoology

Account Number 00-32-79-100
1. Alice A. Boatright, 0890, Scientific Artist ........ G $ 4,500
   *(Ten months)*
2. F. B. Norton, 0895, Assistant Laboratory Attendant .... N $ 2,267
3. Mary A. Mergelkamp, 0898, Clerk-Stenographer II ........ N $ 3,210
4. Ruth W. Bruckner, 0894, Clerk-Stenographer III .......... N $ 4,530
5. Carmella T. Cannon, 0896, Clerk-Typist II ............ N $ 2,700
6. August Kosowski, 0897, Senior Laboratory Mechanic .... N $ 6,540
7. Janice M. Bristow, 0893, Secretary — Stenographic ... N $ 4,860
8. Robert W. Hinton, 0892, Storekeeper ................. N $ 5,250

**Total, Zoology** .......................................................... $ 33,857

## Cooperative Investigations

**U.S. National Science Foundation G8878**

Account Number 46-32-79-364
1. Barbara C. Lindquist, 8052, Scientific Analyst .......... N $ 4,800

**U.S. Public Health Service H2775**

Account Number 46-32-79-367

## College of Physical Education

### Administration

Account Number 00-36-01-100
1. Marcia A. Crosby, 8008, Clerk-Stenographer I .......... G $ 1,200
   *(Nine months)*
2. Leona Alexander, 1595, Administrative Secretary — Steno-
   graphic .................................................. N $ 6,180

**Total, Administration** .................................................. $ 7,380
### Health and Safety Education

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<th>Account Number 00-36-05-100</th>
<th>Clerk-Stenographer I</th>
<th>(Nine months)</th>
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<th>$900</th>
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<tbody>
<tr>
<td>1. Nancy M. Logan, 1604</td>
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**Total, Health and Safety Education** 

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<tr>
<th>Account Number 00-36-10-100</th>
<th>Clerk-Stenographer</th>
<th>(Nine months)</th>
<th>G50</th>
<th>$900</th>
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<tbody>
<tr>
<td>2. Nancy Logan, 1604</td>
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### Physical Education for Men

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<th>Men’s Locker Room Attendant</th>
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<tr>
<td>1. Woodrow W. Brookey, 1600</td>
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**Total, Physical Education for Men** 

<table>
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<tr>
<th>Account Number 00-36-20-100</th>
<th>Women’s Locker Room Attendant</th>
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<tr>
<td>1. Mary A. Iles, 1614</td>
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**Total, Physical Education for Women** 

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<th>Account Number 00-36-25-100</th>
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<tr>
<td>1. Gail M. Orlopp, 8142</td>
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**Total, Recreation** 

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<tr>
<th>Account Number 00-36-30-100</th>
<th>Architectural Draftsman</th>
<th>N</th>
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<tr>
<td>1. Marietta J. Kirkwood, 1609</td>
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**Total, Student Rehabilitation Center** 

### Cooperative Investigations

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<tr>
<th>Account Number 44-36-30-355</th>
<th>Architectural Draftsman</th>
<th>N</th>
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<tr>
<td>1. Ronald A. Stein, 8157</td>
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**Total, National Society for Crippled Children and Adults — Building Specifications** 

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<th>Account Number 00-36-05-100</th>
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<tbody>
<tr>
<td>1. Gail M. Orlopp, 8142</td>
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**Total, National Society for Crippled Children and Adults — Building Specifications** 

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<td>2. Ronald A. Stein, 8157</td>
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### Administration

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Employee Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>00-40-01-400</td>
<td>C. D. McMurry</td>
<td>Chief Clerk</td>
<td>N</td>
<td>$5,910</td>
</tr>
<tr>
<td></td>
<td>Kathryn J. Collins</td>
<td>Typing Clerk</td>
<td>N</td>
<td>$2,820</td>
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<td></td>
<td>Phyllis I. Edwards</td>
<td>Clerk-Stenographer</td>
<td>N</td>
<td>$4,000</td>
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<td></td>
<td>John N. Headlee</td>
<td>Duplicating Machine Operator</td>
<td>N</td>
<td>$2,550</td>
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<td></td>
<td>Robert J. Silver</td>
<td>Duplicating Machine Operator</td>
<td>N</td>
<td>$4,800</td>
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<td></td>
<td>Marjorie F. Lewis</td>
<td>Secretary — Stenographic</td>
<td>N</td>
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<td><strong>Total, Administration</strong></td>
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### Correspondence Courses

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<th>Employee Name</th>
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<th>Account</th>
<th>Salary</th>
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<tbody>
<tr>
<td>00-40-10-100</td>
<td>Sharon L. Johnson</td>
<td>Clerk-Stenographer</td>
<td>N</td>
<td>$3,810</td>
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<tr>
<td></td>
<td>Jean L. Melvin</td>
<td>Clerk-Typist</td>
<td>N</td>
<td>$2,430</td>
</tr>
<tr>
<td></td>
<td>Sharon E. Wirth</td>
<td>Clerk-Typist</td>
<td>N</td>
<td>$2,520</td>
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<tr>
<td></td>
<td>Nada C. McCartney</td>
<td>Clerk-Typist</td>
<td>N</td>
<td>$2,670</td>
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<td></td>
<td>Elsie M. Campbell</td>
<td>Clerk-Typist</td>
<td>N</td>
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<td></td>
<td>Carlene R. May</td>
<td>Clerk-Typist</td>
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<td><strong>$17,910</strong></td>
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### Cooperative Investigations

**STATE OF ILLINOIS — PUBLIC SAFETY AND FIRE PREVENTION**

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<th>Employee Name</th>
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<th>Salary</th>
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<tbody>
<tr>
<td>47-40-15-426</td>
<td>Carolyn L. Cole</td>
<td>Clerk-Typist</td>
<td>N</td>
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### Conference Programs

<table>
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<th>Employee Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
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<tbody>
<tr>
<td>00-40-20-400</td>
<td>Louise W. Munson</td>
<td>Chief Clerk</td>
<td>ZN80</td>
<td>$3,510</td>
</tr>
<tr>
<td></td>
<td>Eugene H. Schroth</td>
<td>Assistant Director of Allerton House</td>
<td>N</td>
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### Short Courses and Conferences Revolving

<table>
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<th>Employee Name</th>
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<th>Account</th>
<th>Salary</th>
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<tr>
<td>12-40-20-470</td>
<td>Max M. Paris</td>
<td>Commercial Artist</td>
<td>N</td>
<td>$6,630</td>
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<td>Jo Anne Erickson</td>
<td>Clerk-Stenographer</td>
<td>N</td>
<td>$3,390</td>
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### Auxiliary — Allerton House Operation

<table>
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<th>Employee Name</th>
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<tbody>
<tr>
<td>18-40-20-784</td>
<td>Louise W. Munson</td>
<td>Chief Clerk</td>
<td>ZN20</td>
<td>$870</td>
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<td>John L. Cruse</td>
<td>Clerk-Typist</td>
<td>H</td>
<td>$3,600</td>
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<td></td>
<td>Edith Allison</td>
<td>First Cook</td>
<td>H</td>
<td>$3,750</td>
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<td>————</td>
<td>Head Cook</td>
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<td>Louise Gadbury</td>
<td>Second Cook</td>
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<tr>
<td></td>
<td>Avis Bennett</td>
<td>Kitchen Helper</td>
<td>H</td>
<td>$2,730</td>
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<td>L. Faye Hayes</td>
<td>Kitchen Helper</td>
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<td>$3,116</td>
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<td></td>
<td>Hildred F. Pirtle</td>
<td>Kitchen Helper</td>
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<td></td>
<td>Mary H. Brooks</td>
<td>Housekeeper</td>
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<td>$3,646</td>
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<td>Jessie Lyons</td>
<td>Housekeeper</td>
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<td></td>
<td>Leland Gale</td>
<td>Houseman</td>
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<td>Melvin L. Imel</td>
<td>Kitchen Laborer</td>
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<td></td>
<td>Dean J. Berry</td>
<td>Building Mechanic</td>
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<td></td>
<td>Monroe L. Robinson</td>
<td>Building Mechanic</td>
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<td><strong>Total, Auxiliary — Allerton House Operation</strong></td>
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### Police Training Institute

Account Number 00-40-22-400

<table>
<thead>
<tr>
<th>Employee</th>
<th>Position</th>
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<tbody>
<tr>
<td>Betty D. Holzinger, 7128</td>
<td>Clerk-Stenographer II</td>
<td>$2,880</td>
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*Total, Police Training Institute: $2,880

### Extramural Classes

Account Number 00-40-30-400

<table>
<thead>
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<th>Employee</th>
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<th>Base Pay</th>
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</thead>
<tbody>
<tr>
<td>Eleanor M. Sovereign, 1786</td>
<td>Chief Clerk</td>
<td>$1,900</td>
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<tr>
<td>Vivian E. Sprau, 1787</td>
<td>Clerk-Stenographer II</td>
<td>$3,600</td>
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<tr>
<td>Dorothy J. Dewhirst, 3119</td>
<td>Clerk-Stenographer III</td>
<td>$3,600</td>
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<tr>
<td>Betty A. Sereno, 1788</td>
<td>Clerk-Stenographer III</td>
<td>$3,420</td>
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<tr>
<td>Kathleen A. Stillwell, 1785</td>
<td>Clerk-Stenographer III</td>
<td>$3,570</td>
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*Total, Extramural Classes: $18,150

### Field Staff

Account Number 00-40-40-400

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<tbody>
<tr>
<td>Marilyn J. Veselak, 8145</td>
<td>Clerk-Stenographer II</td>
<td>$1,800</td>
</tr>
<tr>
<td>Lillian D. Asselmeier, 7129</td>
<td>Clerk-Typist II</td>
<td>$1,710</td>
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<tr>
<td>Wilma B. Leefers, 7127</td>
<td>Clerk-Typist II</td>
<td>$1,800</td>
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*Total, Field Staff: $5,310

### Music Extension

Account Number 00-40-50-400

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<tr>
<td>Robert L. Schaefer, 5578</td>
<td>Music Extension Autographer</td>
<td>$7,200</td>
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<tr>
<td>Marilyn L. Spitze, 1790</td>
<td>Clerk-Stenographer III</td>
<td>$3,750</td>
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<tr>
<td>Suzanne A. Benson, 7275</td>
<td>Clerk-Typist I</td>
<td>$2,610</td>
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*Total, Music Extension: $13,560

### Audio-Visual Aids

Account Number 00-40-60-400

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<td>Merle B. Mooney, 1792</td>
<td>Clerk-Stenographer III</td>
<td>$3,960</td>
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*Total, Audio-Visual Aids: $3,960

### Graphic Arts Revolving

Account Number 12-40-60-470

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<td>Mary M. Lee, 1796</td>
<td>Clerk III</td>
<td>$3,660</td>
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<td>Robert F. Adams, 7495</td>
<td>Chief Clerk</td>
<td>$4,680</td>
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<td>Florence Nesler, 6258</td>
<td>Typing Clerk II</td>
<td>$3,390</td>
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<tr>
<td>Mercedes Swisher, 1798</td>
<td>Typing Clerk II</td>
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<td>Nina B. Martin, 5521</td>
<td>Clerk-Typist I</td>
<td>$2,520</td>
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<td>Susan M. Tabor, 5520</td>
<td>Clerk-Typist I</td>
<td>$2,730</td>
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<td>Dorothy J. Willifong, 7483</td>
<td>Clerk-Typist II</td>
<td>$2,580</td>
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<td>Mary F. Hoppestrad, 1797</td>
<td>Clerk-Typist II</td>
<td>$3,030</td>
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<tr>
<td>Hilkreth K. Johnson, 6171</td>
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<td>Charles V. Craft, 6622</td>
<td>Audio-Visual Aids Technician I</td>
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<tr>
<td>Virgil R. Martin, 5602</td>
<td>Audio-Visual Aids Technician I</td>
<td>$3,240</td>
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<tr>
<td>Charles D. Plotner, 6621</td>
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<tr>
<td>Paul V. Trinkle, 6623</td>
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*Total, Graphic Arts Revolving: $62,160

### College of Veterinary Medicine

#### Administration

Account Number 00-44-01-100

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<td>Raymond T. Hamilton, 1626</td>
<td>Scientific Laboratory Technical Assistant</td>
<td>$6,600</td>
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<tr>
<td>Jack V. Washburn, 1627</td>
<td>Scientific Laboratory Technical Assistant</td>
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<tr>
<td>Kathryn B. Humphrey, 1624</td>
<td>Assistant Laboratory Attend-ant</td>
<td>$3,600</td>
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Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2084
Account Number 46-44-01-366
1. Doris M. Richards, 1622, Typing Clerk Iii........... ZN12 $ 550

Veterinary Clinic Revolving

Account Number 12-44-20-270
1. Sue A. Sadler, 6733, Clerk-Stenographer Ii........... N $3 540
2. Rosaleen M, Knapp, 1620, Clerk-Typist Ii........... N $3 600
3. Dorothy R. Severson, 1624, Clerk-Typist Ii........... N $3 000

Total, Veterinary Clinic Revolving..................................... $10 140

Veterinary Pathology and Hygiene

Cooperative Investigations

U.S. PUBLIC HEALTH SERVICE E2141
Account Number 46-44-30-365
1. R. W. Anderson, 0921, Senior Laboratory Attendant... ZN25 $1 200
   (Total Salary) ........................................................... (4 800)

U.S. PUBLIC HEALTH SERVICE 2G239
Account Number 46-44-30-367
1. Carolyn S. Seets, 7993, Clerk-Stenographer Ii......... ZN50 $1 710
2. Helen V. Olson, 6640, Junior Illustrator............... ZN25 $1 050

Total, U.S. Public Health Service 2G239.............................. $2 760

U.S. PUBLIC HEALTH SERVICE E3315
Account Number 46-44-30-359
1. John H. Nix, 8115, Assistant Laboratory Attendant.... N $3 330

ARmed FORCES

Air Force Science

Account Number 00-50-10-100
1. M. Loraine Royce, 5052, Clerk-Stenographer Ii........... N $3 660
2. Gloria E. Roberts, 7208, Clerk-Typist I ..................... N 3 000
3. Betty L. Kuykendall, 1818, Clerk-Typist II .................. N 2 910

Total, Air Force Science ........................................... $ 9 910

Military Science and Tactics

Account Number 00-50-30-100
1. Linda D. Burruss, 1812, Clerk-Stenographer II .............. N $ 2 830
2. Barbara J. Powell, 1811, Clerk-Stenographer II .............. N 3 120
3. Marilyn A. Dyer, 1808, Clerk-Typist II ....................... N 3 180

Total, Military Science and Tactics ............................... $ 9 130

Naval Science

Account Number 00-50-40-100
1. Joan I. Haynes, 1816, Clerk-Stenographer III ............... N $ 3 780

Total, Naval Science ................................................ $ 3 780

INSTITUTE OF AVIATION

Account Number 00-52-10-100
1. Vern H. Pittman, 1821, Head Airport Caretaker .......... N $ 7 000
   (Perquisites University — house)
2. Glenna Griffith, 1841, Clerk III ......................... N 4 020
3. Joan E. Reynolds, 7414, Clerk III ......................... ZN 1 770
   (Total Salary) ...................................................... (5 590)
4. Linda J. Johnson, 1844, Clerk-Stenographer II .......... N 3 210
5. Mary O. Jordan, 1842, Clerk-Stenographer III .......... N 4 410
6. Ruth L. Fiscus, 1843, Clerk-Typist II ..................... N 3 480

7. ........................................ 7457, Clerk-Typist II .. N $ 1 500
8. Forrest L. Lancaster, 1819, Aircraft Maintenance Engineer N 11 650
9. F. B. Schaber, 1820, Aircraft Shop Foreman .......... N 3 970
10. Anderson B. Clark, 3125, Laborer ..................... P 5 638
11. Paul J. Eckstein, 3126, Laborer ..................... P 5 325
12. Elmer J. Kleiss, 3124, Laborer ..................... P 5 638
13. Orville C. Pittman, 3127, Laborer ..................... P 5 325
15. Chester C. Summers, 3130, Laborer ..................... P 5 325
16. Marion F. Thomas, 3131, Laborer ..................... P 5 325
17. Russell J. Yeazel, 3132, Laborer ..................... P 5 325
18. Joe L. Collins, 1838, Lineman ......................... N 5 100
19. Donald E. Ditzler, 1835, Lineman ......................... N 4 320
20. Robert E. Fryer, 1836, Lineman ......................... N 5 100
21. Joseph L. Miller, 1832, Lineman ......................... N 5 400
22. Harry T. Demeris, 1833, Chief Lineman .................. N 5 080
23. Floyd W. Bowerman, 1825, Master Aircraft and Aircraft N 7 080
   Engine Mechanic ...........................................
24. John T. Pringle, 1826, Master Aircraft and Aircraft N 7 080
   Engine Mechanic ...........................................
25. Robert L. Deshazo, 1831, Junior Aircraft Maintenance N 6 000
   Mechanic ....................................................
26. Raymond E. Anderson, 1828, Senior Aircraft Maintenance N 6 630
   Mechanic ....................................................
28. Wayne Mandrell, 1823, Master Airport Mechanic .......... N 7 170
29. Leonard R. Rexroad, 1824, Master Airport Mechanic .... N 6 900
30. William W. Brooks, 1827, Master Aircraft Instrument N 7 020
   Repairman ....................................................
31. Gertrude C. Becker, 1839, Administrative Secretary — N 7 800
   Stenographic ..............................................
32. C. E. Horn, 1840, Storekeeper ......................... N 5 520

Total, Institute of Aviation .................................... $140 460

Airport Revolving

Account Number 12-52-10-270
1. Joan E. Reynolds, 7414, Clerk III ....................... ZN 1 770

[June 14]
<table>
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<th>Account Number</th>
<th>Department</th>
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<tbody>
<tr>
<td>2. Walter Schroeder, Driver</td>
<td>P, 3120</td>
<td>P</td>
<td>University of Illinois</td>
<td>(5 610)</td>
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<td>3. Glen W. Shipley, Driver</td>
<td>P, 3121</td>
<td>P</td>
<td>University of Illinois</td>
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<tr>
<td>4. John M. Shott, Driver</td>
<td>P, 3122</td>
<td>P</td>
<td>University of Illinois</td>
<td>(5 610)</td>
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<tr>
<td>5. Dickie D. Schwabe, Aircraft Maintenance Mechanic Helper</td>
<td>N, 1830</td>
<td>N</td>
<td>Institute of Government and Public Affairs</td>
<td>3 180</td>
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**INSTITUTE OF GOVERNMENT AND PUBLIC AFFAIRS**

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<th>Department</th>
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<tbody>
<tr>
<td>1. Edna M. Bosco, Clerk-Typist II</td>
<td>N, 3133</td>
<td>N</td>
<td>Institute of Government and Public Affairs</td>
<td>3 000</td>
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<tr>
<td>2. Jean A. May, Clerk-Typist II</td>
<td>N, 5115</td>
<td>N</td>
<td>Institute of Government and Public Affairs</td>
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<tr>
<td>3. Doris E. Falk, Secretary-Stenographic</td>
<td>N, 1847</td>
<td>N</td>
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**INSTITUTE OF LABOR AND INDUSTRIAL RELATIONS**

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<th>Position</th>
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<tbody>
<tr>
<td>1. Barbara G. Burman, Editorial Assistant</td>
<td>N, 1850</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
<td>1 860</td>
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<tr>
<td>2. Maxine Haworth, Administrative Clerk</td>
<td>N, 1852</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
<td>7 260</td>
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<tr>
<td>3. Sandra L. Rockhold, Clerk-Stenographer II</td>
<td>N, 1861</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
<td>3 360</td>
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<tr>
<td>4. Sandra Suchomel, Clerk-Stenographer II</td>
<td>N, 1857</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
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<tr>
<td>5. Judith F. Miller, Clerk-Stenographer III</td>
<td>N, 1856</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
<td>3 420</td>
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<td>6. Beverly Jean Creek, Clerk-Typist I</td>
<td>N, 1863</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
<td>2 490</td>
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<tr>
<td>7. Mary J. Duitsman, Clerk-Typist I</td>
<td>N, 1862</td>
<td>N</td>
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<tr>
<td>8. Jo Ann Block, Clerk-Typist I</td>
<td>N, 1859</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
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<td>9. Beverly L. Brockway, Clerk-Typist III</td>
<td>N, 1860</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
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<td>10. Anice J. Duncan, Clerk-Typist III</td>
<td>N, 1855</td>
<td>N</td>
<td>Institute of Labor and Industrial Relations</td>
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<td>11. Mary L. Murray, Secretary-Stenographic</td>
<td>N, 1853</td>
<td>N</td>
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**SCHOOL OF SOCIAL WORK**

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<tbody>
<tr>
<td>1. Annette F. Merson, Clerk-Stenographer III</td>
<td>N, 5268</td>
<td>N</td>
<td>School of Social Work</td>
<td>3 600</td>
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<tr>
<td>2. Linda L. Swanik, Clerk-Stenographer III</td>
<td>N, 1878</td>
<td>N</td>
<td>School of Social Work</td>
<td>3 720</td>
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<tr>
<td>3. Jo Schmalhausen, Administrative Secretary — Stenographic</td>
<td>ZN50, 7617</td>
<td>N</td>
<td>School of Social Work</td>
<td>1 800</td>
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<td>(Total Salary)</td>
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<td></td>
<td>(3 600)</td>
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<tr>
<td>4. Julia B. Maszota, Secretary — Stenographic</td>
<td>N, 5371</td>
<td>N</td>
<td>School of Social Work</td>
<td>4 620</td>
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<tr>
<td>5. Jo Schmalhausen, Administrative Secretary — Stenographic</td>
<td>N, 1877</td>
<td>N</td>
<td>School of Social Work</td>
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**Cooperative Investigations**

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<td>1. ————————————————————, 7617, Clerk-Stenographer III</td>
<td>ZN50, 7617</td>
<td>N</td>
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**U.S. PUBLIC HEALTH SERVICE 2M6344**

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<tr>
<td>1. ————————————————————, 7617, Clerk-Stenographer III</td>
<td>ZN50, 7617</td>
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<td>U.S. Public Health Service</td>
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**U.S. PUBLIC HEALTH SERVICE 2M6552**

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<tr>
<td>1. ————————————————————, 7617, Clerk-Stenographer III</td>
<td>ZN50, 7617</td>
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<td>U.S. Public Health Service</td>
<td>1 800</td>
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**DIVISION OF SPECIAL SERVICES FOR WAR VETERANS**

<table>
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<tbody>
<tr>
<td>1. Beverly A. Bailey, Clerk-Stenographer II</td>
<td>N, 1882</td>
<td>N</td>
<td>Division of Special Services for War Veterans</td>
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SUMMER SESSION

Administration

Account Number 00-72-01-100
1. Harriet B. Teeple, 1777, Secretary — Stenographic...... ZN50 $ 3 300
   (Total Salary) ...........................................(6 600)
   Total, Administration ................................ $ 3 300

UNIVERSITY PRESS

Account Number 00-78-10-400
1. Janet A. Binkley, 5540, Editorial Assistant........ N $ 4 560
2. Jane C. Papageorgis, 1702, Editorial Assistant ...... N $ 4 080
3. Elizabeth G. Dulaney, 7298, Assistant to Editor .... N 5 100
4. Rachel E. Edwards, 1704, Clerk III ................. N 3 870
5. Ida Klorfine, 1706, Typing Clerk II ................ N 2 880
6. Elsie C. Anderson, 1705, Clerk-Typist II ........ ZN50 1 440
   (Total Salary) ............................................(2 880)
7. Vivian M. Sadewater, 5091, Clerk-Typist III .... N 3 930
8. Lois I. Buescher, 1703, Secretary — Stenographic .. N 4 500
   Total, University Press ................................ $30 360

Art Service

Account Number 00-78-10-902
1. Charles T. Flora, 6499, Commercial Artist I ........ N75 $ 3 900
2. Osmond S. Guay, 7379, Commercial Artist I ....... N $ 4 060
3. Sara Jo Tideman, 3099, Commercial Artist I (Trainee) N $ 3 300
4. ———, 1728, Commercial Artist I .................. N 5 400
5. Raymond L. Slanker, 1730, Commercial Artist II .... N 5 900
6. Judith C. Gossett, 1732, Assistant to Art Editor .. N 3 390
7. F. Wade Harris, 5788, Assistant to Art Editor ..... N 7 000
   Total, Art Service ....................................... $32 940

Mailing Service

Account Number 00-78-10-952
1. Ross E. Anderson, 7747, Distribution Clerk ......... N $ 3 840
2. Russell D. Burdette, 6898, Distribution Clerk ...... N 3 240
3. G. Bernice Griffet, 1726, Typing Clerk II ........ N 2 520
4. Marjorie R. McKinney, 5255, Typing Clerk II .... N 2 820
5. R. K. Lumaden, 1718, Mailing Service Foreman .... N 6 270
6. Barbara S. Earl, 1722, Office Appliance Operator I .. N 2 280
7. Madge E. Roberts, 1723, Office Appliance Operator I .. N 2 363
8. Mary F. Smith, 1725, Office Appliance Operator I ... N 2 340
10. ———, 1724, Office Appliance Operator I ........ N 2 230
11. Norman E. Lasater, 3732, Storekeeper ............. N 4 800
   Total, Mailing Service .......................... $35 033

Print Shop

Account Number 00-78-10-968
1. Henderikus Noorman, 3064, Accountant I ........... H $ 6 200
2. Myrtle Dorsett, 7014, Bookbindery Assistant .. P 3 038
3. Dale Green, 3076, Bookbindery Assistant ...... P 4 844
4. Richard A. Mattlin, 3073, Bookbindery Assistant P 3 549
5. ———, 5301, Bookbindery Assistant ................. P 2 267
6. Leona E. Eckersley, 1709, Senior Printing Assistant P 6 275
7. Lillian A. Slavens, 1715, Clerk III ................. H 4 200
8. Malcolm G. Davis, 3078, Compositor ............... P 6 275
9. John A. Fiscus, 3082, Compositor (Apprentice) .. P 5 220
10. Carl G. Kibler, 5097, Compositor (Apprentice) . P 3 234
11. Wayne Phelps, 5491, Compositor ................. P 6 275
12. James L. Ragle, 4906, Compositor ............... P 6 275
13. Robert W. Thomas, 3079, Compositor .......... P 6 275
14. ———, 3081, Compositor .......................... P 4 668
<table>
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<th>Title</th>
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<tbody>
<tr>
<td>15</td>
<td>Stephanie Sadagursky</td>
<td>Compositor</td>
<td>3089</td>
<td>P 5 752</td>
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<tr>
<td>16</td>
<td>Ralph R. Franklin</td>
<td>Copyholder</td>
<td>3066</td>
<td>P 2 923</td>
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<td>17</td>
<td>James S. Wendell</td>
<td>Bookbindery Foreman</td>
<td>3067</td>
<td>P 7 004</td>
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<td>18</td>
<td>Seaward H. Dalton</td>
<td>Job Pressroom Foreman</td>
<td>3086</td>
<td>P 7 475</td>
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<td>19</td>
<td>John C. Opolka</td>
<td>Photo Offset Foreman</td>
<td>3095</td>
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<tr>
<td>20</td>
<td>Robert A. Black</td>
<td>Linotype Operator</td>
<td>3092</td>
<td>P 6 890</td>
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<td>21</td>
<td>George Cloyd</td>
<td>Linotype Operator</td>
<td>3090</td>
<td>P 6 618</td>
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<td>22</td>
<td>C. R. Mallory</td>
<td>Linotype Operator</td>
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<td>P 8 900</td>
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<td>23</td>
<td>Carl G. Muesing</td>
<td>Linotype Operator</td>
<td>3061</td>
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<td>24</td>
<td>Glenn W. Schmidt</td>
<td>Monotype Combination Operator</td>
<td>3094</td>
<td>P 6 890</td>
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<td>25</td>
<td>Armand D. Boucher</td>
<td>Cylinder Pressman</td>
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<td>26</td>
<td>John D. Dorset</td>
<td>Cylinder Pressman (Apprentice)</td>
<td>3140</td>
<td>P 5 011</td>
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<td>27</td>
<td>William W. Hire</td>
<td>Cylinder Pressman</td>
<td>3085</td>
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<td>28</td>
<td>Chester Hunt</td>
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<td>29</td>
<td>Charles D. Ellis</td>
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<td>Fred H. Marshiky</td>
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<td>31</td>
<td>Elsie C. Anderson</td>
<td>Clerk-Typist</td>
<td>1705</td>
<td>P 3 092</td>
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<td>32</td>
<td>Barbara Richards</td>
<td>Junior Proofreader</td>
<td>1712</td>
<td>P 3 967</td>
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<td>33</td>
<td>Alice Stowe</td>
<td>Junior Proofreader</td>
<td>5339</td>
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<td>34</td>
<td>Lorolive S. Delk</td>
<td>Senior Proofreader</td>
<td>1710</td>
<td>P 3 675</td>
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<td>35</td>
<td>K. C. Dalbey</td>
<td>Assistant Superintendent of Print Shop</td>
<td>1709</td>
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<td>36</td>
<td>Billie C. Gilfillan</td>
<td>Bookbindery Worker</td>
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<td>Dean W. Graves</td>
<td>Bookbindery Worker</td>
<td>3070</td>
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<td>38</td>
<td>Kathryn Graves</td>
<td>Bookbindery Worker</td>
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<td>39</td>
<td>Helen Rock</td>
<td>Bookbindery Worker</td>
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<td>40</td>
<td>Mary M. Miller</td>
<td>Clerk-Stenographer</td>
<td>6779</td>
<td>P 2 850</td>
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Total, Print Shop: $232 836

University Press Revolving

Account Number 12-78-10-470
1. Elsie C. Anderson, 1705, Clerk-Typist II ................................... ZN50 $ 1 440

Total, University Press Revolving ........................................... $ 1 440

INTERNATIONAL COOPERATION PROGRAMS

Account Number 45-79-10-440

U.S. International Cooperation Administration C1220

Account Number 46-79-10-434
1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III ........................ ZN33 $ 1 400
(Total Salary) .................................................................................. (4 200)
2. Helen E. Mathis, Clerk-Typist I ............................................... ZN33 760
(Total Salary) .................................................................................. (2 280)

Total, U.S. International Cooperation Administration C1220 ........................................... $ 2 160

U.S. International Cooperation Administration C1258

Account Number 46-79-10-435
1. Shirley R. Lovenguth, 6332, Clerk-Stenographer III ........................ ZN33 $ 1 400
2. Helen E. Mathis, Clerk-Typist I ............................................... ZN33 760

Total, U.S. International Cooperation Administration C1258 ........................................... $ 2 160

U.S. - India North Central Region

Account Number 46-79-10-444
1. Mary M. Miller, 6779, Clerk-Stenographer II ................................... N88 $ 2 862
2. Shirley R. Lovenguth, 6332, Clerk-Stenographer III ....................... ZN34 $ 1 400
3. Helen E. Mathis, Clerk-Typist I ........................................... ZN34 760
4. Martha L. Jones, 7957, Clerk-Typist III .............................. ZN50 1 740
(Total Salary) ........................................................................ (3 480)
Total, U.S. — India North Central Region ................................ $ 6 762

LIBRARY AND GRADUATE SCHOOL OF LIBRARY SCIENCE
Graduate School of Library Science
Account Number 00-80-05-100
1. Betty L. Black, 1657, Clerk-Stenographer III ......................... N $ 3 600
2. Dorothy A. McLendon, 1954, Clerk-Typist II ......................... N 2 760
3. Bernice B. Montgomery, 1656, Clerk-Typist II ......................... N 2 850
4. Helen I. Knights, 1653, Secretary — Stenographic ..................... N 6 600
Total, Graduate School of Library Science ................................ $15 750

Library Trends Revolving
Account Number 12-80-05-146
1. Janet C. Phillips, 5127, Editorial Assistant ............................ N $ 4 800
Total, Library Trends Revolving ............................................. $ 4 800

Library
Administration
Account Number 00-80-10-500
1. Winfred J. Rasmussen, 1801, Clerk I ................................. N $ 2 910
2. Allen Rivers, Jr., 6671, Distribution Clerk ............................. N 4 200
3. Rita A. Becker, 1889, Clerk-Typist III ................................. N 3 300
4. Margaret E. Vreuls, 1888, Clerk-Typist III ............................. N 3 300
5. Clarabelle Gunning, 1887, Secretary — Stenographic ............. N 6 600
6. Charles K. Gifford, 1886, Storekeeper ................................. N 5 370
Total, Administration ........................................................ $25 680

Microfilm Revolving
Account Number 12-80-10-552
1. Mardelle J. Austin, 1938, Photographic Technician I .............. N $ 3 060
Total, Microfilm Revolving ................................................... $ 3 060

Acquisition Department
Account Number 00-80-20-500
1. E. Ruth Lashley, 1902, Clerk II ........................................ N $ 3 210
2. Laverne M. Dillon, 8075, Accounting Clerk I ....................... N 3 330
3. Pauline McDaniel, 6405, Accounting Clerk II ....................... N 4 050
4. Merle B. Ferris, 6130, Library Clerk II ............................... N 2 820
5. Betty A. Gard, 1898, Library Clerk II ................................. N 5 920
6. Tinsie E. Ponder, 1906, Library Clerk II ............................. N 3 110
7. Evelyn A. Smith, 1895, Library Clerk II ............................. N 3 030
8. Mary J. Camp, 6423, Library Clerk III ............................... N 3 420
10. Ellen Smith, 1894, Library Clerk III ................................. N 3 900
11. Tiiu Pessa, 1903, Chief Library Clerk ................................. N 4 170
12. Violet L. Wilkey, 1892, Chief Library Clerk ...................... N 4 800
13. Martha Pechous, 1901, Clerk-Typist II .............................. N 3 240
14. Frankie G. Roland, 7868, Clerk-Typist II ............................. N 2 700
15. Bernice K. Skinner, 5374, Clerk-Typist II ......................... N 2 700
16. Leslie W. Dunning, 1937, Photographer I ........................... N 4 800
Total, Acquisition Department ............................................. $54 075

Catalog Department
Account Number 00-80-30-500
1. Eugenia D. Boone, 1026, Library Clerk II ............................ N $ 2 730
2. Bernice L. Brightwell, 5403, Library Clerk II ..................... N 1 635
3. Patricia K. Dunn, 7125, Library Clerk II ............................ N 2 700
4. Sonia J. Greer, 1911, Library Clerk II ............................... N 2 700
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**Account Number 00-80-40-500**

| Jamie A. Blaze, 1943, Library Clerk II | N | $2,820 |
| Aime C. T. Bray, 1946, Library Clerk II | N | $2,700 |
| Kathleen L. Doubleday, 1942, Library Clerk II | N50 | $1,500 |
| Janet E. Gant, 1949, Library Clerk II | N50 | $1,350 |
| Emily F. Hays, 1950, Library Clerk II | N | $2,820 |
| John J. McCauley, 1945, Library Clerk II | N50 | $1,350 |
| Betty A. Pierce, 1932, Library Clerk II | N75 | $2,025 |
| Ann S. Scoggins, 1944, Library Clerk II | N75 | $2,025 |
| Walter H. Slack, 1944, Library Clerk II | N75 | $2,025 |
| Joyce E. Tompkins, 1947, Library Clerk II | N | $3,150 |
| Patricia M. Hougas, 1943, Library Clerk III | N | $3,570 |
| Harriet C. Ryan, 1948, Chief Library Clerk | N | $5,280 |
| Ruth T. Hamada, 1929, Clerk-Typist II | N | $3,090 |
| Patricia J. Saylor, 1958, Clerk-Typist III | N | $2,940 |

**Account Number 00-80-50-500**

| Barbara A. Arlof, 1952, Library Clerk II | N | $2,700 |
| Elizabeth K. Baker, 1970, Library Clerk II | N | $2,700 |
| Nancy B. Bier, 1974, Library Clerk II | N50 | $1,680 |
| Mara M. Blakeney, 1959, Library Clerk II | N | $2,820 |
| Judith H. Boles, 1973, Library Clerk II | N | $2,700 |
| Mary H. Brown, 1957, Library Clerk II | N | $2,730 |
| Ellen K. Bryant, 1979, Library Clerk II | N | $3,000 |
| Betty C. Colquhoun, 1929, Library Clerk II | N | $2,700 |
| Helen C. Dybvig, 1922, Library Clerk II | N | $3,000 |
| Iris M. Frillman, 1964, Library Clerk II | N | $2,700 |
| Sharon S. Gear, 1954, Library Clerk II | N50 | $1,380 |
| Barbara A. Gibson, 1963, Library Clerk II | N | $2,700 |
| Margaret H. Heiser, 1953, Library Clerk II | N | $2,700 |
| Elaine R. Hill, 1952, Library Clerk II | N50 | $1,650 |
| Efrosini John, 1961, Library Clerk II | N | $2,880 |
| Bonnie F. Johns, 1945, Library Clerk II | N | $2,850 |
| Ruth G. Lindahl, 1983, Library Clerk II | N | $2,850 |
| Edith L. McMillan, 1966, Library Clerk II | N | $2,700 |
| Dorothy N. Peters, 1990, Library Clerk II | N | $3,240 |
### Reference Department

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<td>Eva B. Folkestad, 1997, Typing Clerk II</td>
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### Serials Department

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<td>Betty J. Albert, 1899, Library Clerk II</td>
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<td>Ilse E. Barnes, 1906, Library Clerk II</td>
<td>N</td>
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<td>Evelyn M. Coleman, 1928, Library Clerk II</td>
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<td>Doris H. Freeman, 6254, Library Clerk II</td>
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<td>Naomi R. Friedlander, 1914, Library Clerk II</td>
<td>N</td>
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<td>Hanako L. Kuniyoshi, 1896, Library Clerk II</td>
<td>N</td>
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<td>Lee M. Langlois, 1925, Library Clerk II</td>
<td>N</td>
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<td>Janet L. Shaver, 1913, Library Clerk II</td>
<td>N</td>
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<td>Dora C. Y. Shen, 1916, Library Clerk II</td>
<td>N</td>
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<td>Barbara A. Bergan, 1905, Library Clerk II</td>
<td>N</td>
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<td>Thelma Berry, 1922, Library Clerk III</td>
<td>N</td>
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<td>Mae E. Beshers, 1910, Library Clerk III</td>
<td>N</td>
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<td>Carolyn Jane Gammon, 5857, Library Clerk III</td>
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<td>Marcia L. Jetton, 8054, Library Clerk III</td>
<td>N</td>
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<td>Nina F. Mansfield, 1920, Library Clerk III</td>
<td>N</td>
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<td>Winifred L. Meece, 1897, Library Clerk III</td>
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<td>Margaret E. Lyons, 5644, Chief Library Clerk</td>
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### PHYSICAL PLANT

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<td>Clyde B. Roberts, 1981, Accountant III</td>
<td>N</td>
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<td>E. S. Sefcik, 7097, Assistant to Director of Physical Plant</td>
<td>N</td>
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<td>L. G. Hernecheck, 1980, Assistant to Superintendent of Buildings and Grounds</td>
<td>N</td>
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<td>S. Alice Deck, 1978, Clerk II</td>
<td>N</td>
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<td>Edna S. McBride, 1901, Clerk II</td>
<td>N</td>
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<td>__________, 1990, Clerk II</td>
<td>N</td>
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<td>Agnes Burke, 1986, Clerk III</td>
<td>N</td>
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<td>Thelma Graf, 1976, Clerk III</td>
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<td>Beverly J. Brownfield, 1987, Chief Clerk</td>
<td>N</td>
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<td>Kathryn G. Phister, 1990, Payroll Clerk I</td>
<td>N</td>
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<td>Mabel M. Cordes, 6591, Payroll Clerk II</td>
<td>N</td>
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<td>Edith J. McBride, 1985, Payroll Clerk III</td>
<td>N</td>
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<td>Nancy K. Gordon, 1995, Clerk-Stenographer II</td>
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<td>Patricia Ann Walsh, 1979, Clerk-Stenographer II</td>
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<td>__________, 2081, Clerk-Stenographer II</td>
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17. Carol S. Bailey, 5519, Clerk-Stenographer III .......... N $ 3 900
18. Viola K. Williams, 1903, Clerk-Typist II .......... N $ 3 420
21. Mary A. Mason, 1988, Secretary — Stenographic .......... N $ 5 580
22. Eileen Wilske, 1974, Secretary — Stenographic .......... N $ 6 300

Total, Administration ........................................ $107 620

Stores — Physical Plant Overhead

Account Number 08-82-01-967
1. Catherine L. Bensyl, 1908, Clerk II .......... N $ 2 880
5. Martha R. Lansky, 5131, Clerk-Typist II .......... N $ 3 480
6. Frederick C. Foltz, 2000, Material Expeditor .......... N $ 6 660
8. W. Erwin Hanson, 2004, Storekeeper .......... N $ 5 400
12. Don Lee Wolf, 5141, Storekeeper .......... N $ 5 250

Total, Stores — Physical Plant Overhead ........................................ $63 600

Architectural Overhead

Account Number 09-82-01-902
1. Stanley J. Rankin, 6952, Accountant I .......... H $ 5 600
2. A. S. Davis, 2057, Associate Architect .......... H $ 11 820
5. Ben W. Maxwell, 6951, Associate Architect .......... H $ 12 310
6. L. Hardy, 6425, Associate Architect .......... H $ 12 310
7. W. H. Stermer, 2066, Associate Architect .......... H $ 13 530
8. Raymond G. Johnson, 6949, Senior Architect .......... H $ 8 600
10. Joyce E. Clark, 2085, Typing Clerk II .......... H $ 2 880
11. Beverly J. Walter, 7692, Typing Clerk II .......... H $ 3 300
12. Joan A. Luttrell, 6822, Clerk-Stenographer II .......... H $ 2 880
13. Carolyn J. Troyer, 2060, Clerk-Stenographer II .......... H $ 3 060
14. LaVerne M. Wrisk, 7501, Clerk-Stenographer II .......... H $ 3 060
15. ______________, 1975, Clerk-Stenographer III .......... H $ 3 720
16. Norman W. Reinbold, 2072, Draftsman .......... H $ 1 965
17. Jerome D. Sager, 2067, Draftsman .......... H $ 4 420
18. George J. Trautmann, 3157, Draftsman .......... H $ 4 110
20. Raymond E. Lindahl, 2079, Architectural Draftsman I .......... H $ 6 000
22. ______________, 2078, Architectural Draftsman I .......... H $ 4 680
23. ______________, 2074, Architectural Draftsman I .......... H $ 4 554
24. S. A. Dahlstrom, 2063, Architectural Draftsman II .......... H $ 9 600
25. Charles Farina, 2069, Architectural Draftsman II .......... H $ 8 610
27. ______________, 2064, Architectural Draftsman II .......... H $ 7 650
28. ______________, 2065, Architectural Draftsman II .......... H $ 7 860
29. J. A. Curtis, 2061, Chief Architectural Draftsman .......... H $ 11 100
30. Ralph Hennenman, Jr., 7767, Architectural Electrical Engineer .......... H $ 10 440
32. ______________, 2066, Architectural Mechanical Engineer .......... H $ 11 040
34. Robert M. Buchanan, 2068, Architectural Superintendent .......... H $ 9 630
### Board of Trustees

**[June 14]**

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<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<td>Architectural Superintendent</td>
<td>Richard R. Gifford</td>
<td>09-82-01-910</td>
<td>$7,200</td>
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<td>Architectural Superintendent</td>
<td>Elbert L. McDaniel</td>
<td>6559</td>
<td>$8,550</td>
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<td>J. G. Schelter</td>
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### Campus Planning and Development Revolving

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<td>Landscape Architect</td>
<td>Richard M. Selleg</td>
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<tr>
<td>Clerk-Stenographer III</td>
<td>Barbara Hartnack</td>
<td>8007</td>
<td>$3,900</td>
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<td>Site Planner</td>
<td>Edwin E. Atwood</td>
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<td><strong>Total, Campus Planning and Development Revolving</strong></td>
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### Physical Plant Labor

<table>
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<tr>
<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Accountant II</td>
<td>John C. Ambrose</td>
<td>5510</td>
<td>$6,660</td>
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<tr>
<td>Space Analyst I</td>
<td>Gilbert D. Schleef</td>
<td>6390</td>
<td>$4,500</td>
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<tr>
<td>Space Analyst II</td>
<td>Don B. Winterbottom</td>
<td>6391</td>
<td>$6,600</td>
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<tr>
<td>Clerk III</td>
<td>Dwight E. Slavens</td>
<td>1996</td>
<td>$4,200</td>
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<tr>
<td>Accounting Clerk I</td>
<td>Richard D. Mahannah</td>
<td>1999</td>
<td>$3,600</td>
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<td>Accounting Clerk I</td>
<td>Charles F. Leffler</td>
<td>8225</td>
<td>$3,600</td>
</tr>
<tr>
<td>Clerk-Stenographer III</td>
<td>Janette H. Durr</td>
<td>8219</td>
<td>$3,420</td>
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<td><strong>Total, Physical Plant Labor</strong></td>
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### Building Operation

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<th>Position</th>
<th>Name</th>
<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Assistant to Superintendent of Operations</td>
<td>Paul W. Cruikshank</td>
<td>2012</td>
<td>$9,600</td>
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<tr>
<td>Assistant to Superintendent of Operations</td>
<td>Jack T. Harroun</td>
<td>6813</td>
<td>$8,730</td>
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<tr>
<td>Public Functions Supervisor</td>
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<td>$6,600</td>
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<td><strong>Total, Building Operation</strong></td>
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### Fire Prevention and Safety

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<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>Superintendent of Sanitation and Safety</td>
<td>Herbert L. White</td>
<td>2014</td>
<td>$8,400</td>
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<td><strong>Total, Fire Prevention and Safety</strong></td>
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<td>$8,400</td>
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### Police and Watchmen

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<tr>
<td>Security and Traffic Supervisor</td>
<td>Joseph E. Blaze</td>
<td>0484</td>
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<td><strong>Total, Police and Watchmen</strong></td>
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<td>$13,265</td>
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### Building Maintenance

<table>
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<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>Structural Engineer</td>
<td>Ramon F. Vogel</td>
<td>2018</td>
<td>$12,600</td>
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<tr>
<td>Building Inspector</td>
<td>Edward A. Cousins</td>
<td>5806</td>
<td>$8,310</td>
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<td>Building Inspector</td>
<td>George L. Purcell</td>
<td>2019</td>
<td>$8,400</td>
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<tr>
<td>Superintendent of Building Maintenance</td>
<td>E. L. Kemp</td>
<td>2017</td>
<td>$14,370</td>
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### General Maintenance

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<th>Position</th>
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<th>Account Number</th>
<th>Salary</th>
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<tbody>
<tr>
<td>Routing Dispatcher II</td>
<td>Helen M. Eisenhour</td>
<td>2033</td>
<td>$3,450</td>
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<tr>
<td>Routing Dispatcher II</td>
<td>Joyce E. Gower</td>
<td>2032</td>
<td>$2,880</td>
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<td>Routing Dispatcher III</td>
<td>Cora L. James</td>
<td>2030</td>
<td>$3,340</td>
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<tr>
<td>Routing Supervisor</td>
<td>H. I. Haugaard</td>
<td>2027</td>
<td>$6,120</td>
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<td><strong>Total, General Maintenance</strong></td>
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<td>$17,790</td>
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Labor — General Maintenance

Account Number 09-82-25-945
1. Donald S. Parry, 2045, Electrical Engineer .................. H $ 9 900
2. K. W. Smith, 2044, Mechanical Engineer .................. H $ 11 460
3. L. E. Douglass, 2021, Project Engineer .................. H $ 10 890
4. Frank A. Parks, 2022, Project Engineer .................. H $ 10 200

Total, Labor — General Maintenance .............................. $42 450

Grounds

Account Number 00-82-30-600

Total, Grounds ................................................. $ 4 490

Labor — Grounds

Account Number 09-82-30-945
1. —, 2036, Operations Engineer .................. ZH50 (Total Salary) .................. (9 000)
2. Dorothea Williamson, 2089, Landscape Gardener .................. H $ 5 880
3. Ervin C. Bundy, 8126, Horticulturist .................. H $ 6 660

Total, Labor — Grounds ............................................. $17 040

Transportation

Account Number 00-82-35-600

Total, Transportation .............................................. $ 4 490

Labor — Transportation

Account Number 09-82-35-945
1. —, 2036, Operations Engineer .................. ZH50 (Total Salary) .................. (9 000)

Total, Labor — Transportation ...................................... $ 4 490

Car Pool Service

Account Number 00-82-35-912
1. O. L. Fairchild, 6240, Fleet Dispatcher .................. N $ 8 400

Total, Car Pool Service ............................................. $12 890

Heat, Light, and Power

Account Number 00-82-40-600
1. Harley E. Lowery, 2048, Operations Clerk .................. N $ 5 250
2. Karen L. Bradley, 2031, Clerk-Stenographer II .................. N $ 3 120
3. Clifford H. Dixon, 5087, Assistant Instrument and Efficiency Engineer .................. N $ 7 020
4. James E. Van Reenen, 2044, Assistant Instrument and Efficiency Engineer .................. N $ 5 700
5. Theodore A. Bradbury, 2042, Power Plant Mechanical Engineer .................. N $ 11 460

Total, Heat, Light, and Power ..................................... $46 920

Labor — Heat, Light, and Power

Account Number 09-82-40-945
1. C. C. Andrew, 2023, Architectural Draftsman II .................. H $ 9 120
2. C. W. Denman, 2020, Engineering Draftsman I .................. H $ 5 830
3. Louis G. Lariviere, 7042, Engineering Draftsman II .................. H $ 7 680
4. N. W. Nester, 2020, Civil Engineer .................. H $ 9 840
5. W. W. Hinshaw, 2030, Electrical Engineer .................. H $ 12 600
6. B. W. Anderson, 2043, Assistant Electrical Engineer .................. H $ 9 960
7. John D. Maguire, 7864, Assistant Electrical Engineer .................. H $ 9 270
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<tr>
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<td>Water Station</td>
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<tr>
<td>09-82-66-600</td>
<td>Reservations and Information</td>
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<td>09-82-69-983</td>
<td>Telephone Service</td>
<td>2 790</td>
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<td>06-82-70-005</td>
<td>Architectural Studies for Future Buildings</td>
<td>2 550</td>
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<td>18-82-80-700</td>
<td>Auxiliary Enterprises</td>
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<td>28-82-68-600</td>
<td>Residence Halls Administration</td>
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**Total, Labor — Heat, Light, and Power**: $92,100
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Erna S. Wright</td>
<td>Typing Clerk II</td>
<td>7776</td>
<td>$2,700</td>
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<tr>
<td>Mary K. Johnson</td>
<td>Clerk-Typist II</td>
<td>7990</td>
<td>$3,600</td>
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<tr>
<td>Mildred E. Gones</td>
<td>Typing Clerk II</td>
<td>6750</td>
<td>$3,180</td>
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<tr>
<td>M. Leona Hopper</td>
<td>Clerk-Typist II</td>
<td>2869</td>
<td>$2,880</td>
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<td>Barbara N. Sokolowski</td>
<td>Clerk-Typist II</td>
<td>6750</td>
<td>$2,850</td>
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<td>Van C. Norman</td>
<td>Assistant Director of Housing Maintenance and Construction</td>
<td>2826</td>
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<td>Otto E. Unger</td>
<td>Assistant Director of Housing Food Service</td>
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<td>L. L. James</td>
<td>Housing Maintenance Inspector</td>
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<td>Warren D. Moore</td>
<td>Housing Maintenance Inspector</td>
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<td>D. N. Reynolds</td>
<td>Housing Maintenance Inspector</td>
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<td>David B. Stayton</td>
<td>Housing Maintenance Inspector</td>
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<td>William P. Myers</td>
<td>Assistant Food Service Manager</td>
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<td>$9,400</td>
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<td>Karen K. Duncan</td>
<td>Clerk II</td>
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<td>Rene I. Robertson</td>
<td>Typing Clerk II</td>
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<td>Joan C. Waters</td>
<td>Clerk-Typist II</td>
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<td>Amos Motsinger</td>
<td>Fire Inspector</td>
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<td>Edward E. Durbin</td>
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<td>Robert E. Fortney</td>
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<td>Lawrence A. Phillips</td>
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<td>Cal W. Shuai</td>
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<td>Sammy J. Rebecca</td>
<td>Assistant Manager of Temporary Family Housing</td>
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<td>Francis W. Good</td>
<td>Housing Maintenance Supervisor</td>
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<td>R. F. Hott</td>
<td>Purchasing Assistant III</td>
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<td>Richard A. Jolley</td>
<td>Housing Maintenance Inspector</td>
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<td>$4,720</td>
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<td>Robert E. Selvey</td>
<td>Manager of Central Food Stores</td>
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<td>$9,800</td>
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<td>Floyd E. Davis</td>
<td>Produce Supervisor</td>
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<td>Trust — Central Food Stores Operation</td>
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<td>Trust — Graduate Residence Halls Operation</td>
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<tr>
<td>Trust — Gregory Drive Residence Halls Operation</td>
<td>48-82-80-733</td>
<td>I. Leah M. Revell</td>
<td>Residence Halls Clerk</td>
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<td>2. Robert E. Beyers</td>
<td>Housing Maintenance Inspector</td>
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<td>3. Evelyn Whitson</td>
<td>Food Production Manager</td>
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<td>(Perquisites University — two meals)</td>
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<tr>
<td></td>
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<td>4. Frances L. Potter</td>
<td>Assistant Food Production Manager</td>
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<td>(Perquisites University — two meals)</td>
</tr>
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<td></td>
<td>5. Berneta Scheib</td>
<td>Assistant Food Production Manager</td>
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<tr>
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<td>(Perquisites University — two meals)</td>
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<td>6. Joan Gwynn</td>
<td>Food Service Supervisor</td>
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<td>Total, Trust — Gregory Drive Residence Halls Operation</td>
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<tr>
<td>Trust — Busey-Evans Halls Operation</td>
<td>48-82-80-735</td>
<td>I. Carrie Coffman</td>
<td>Residence Halls Clerk</td>
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<td>2. Claude M. Harrell</td>
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<td>3. Margaret A. Knight</td>
<td>Food Production Manager</td>
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<td>(Perquisites University — two meals)</td>
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<td>4. Ruby Waldron</td>
<td>Assistant Food Production Manager</td>
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<td>(Perquisites University — two meals)</td>
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<td>Total, Trust — Busey-Evans Halls Operation</td>
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<tr>
<td>Trust — Allen Halls Operation</td>
<td>48-82-80-736</td>
<td>I. Nadine M. Cook</td>
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<td></td>
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<td>(Nine months)</td>
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<td>2. Marliss J. Byard</td>
<td>Residence Halls Clerk</td>
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<td>Total, Trust — Allen Halls Operation</td>
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<tr>
<td>Trust — Lincoln Avenue Residence Operation</td>
<td>48-82-80-737</td>
<td>I. Emma Marshky</td>
<td>Residence Halls Clerk</td>
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<td></td>
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<td>2. Ladyne K. Dendy</td>
<td>Food Production Manager</td>
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<td>(Perquisites University — two meals)</td>
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<td>3. Patricia F. Bernauer</td>
<td>Assistant Food Production Manager</td>
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<td></td>
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<td>(Perquisites University — two meals)</td>
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<td>4. Patsy E. Kniff, 7704, Assistant Food Production Manager</td>
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<td>5. Patricia I. MacLeod</td>
<td>Assistant Food Production Manager</td>
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<td>6. Patricia I. MacLeod</td>
<td>Food Service Supervisor</td>
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<tr>
<td>Trust — Men’s Residence Halls Operation</td>
<td>48-82-80-739</td>
<td>I. Adele E. Downer</td>
<td>Residence Halls Clerk</td>
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<td>2. Elizabeth D. Lambert</td>
<td>Food Production Manager</td>
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<td></td>
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<td>(Perquisites University — two meals)</td>
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<td>3. Lenora E. Morgan</td>
<td>Assistant Food Production Manager</td>
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<tr>
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<td>(Perquisites University — two meals)</td>
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<td>4. Jean M. Paul, 5679, Assistant Food Production Manager</td>
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<td>Total, Trust — Men’s Residence Halls Operation</td>
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<tr>
<td>Trust — Peabody Drive Residence Halls Operation</td>
<td>48-82-80-755</td>
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<td>Total, Trust — Peabody Drive Residence Halls Operation</td>
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1960]

UNIVERSITY OF ILLINOIS

Trust — Snack Bar and Service Building Operation
Account Number 48-82-80-777
1. Wayne H. Shroyer, 7980, Concessions Manager $7,700

Total Trust — Snack Bar and Service Building Operation

Illini Union — General Building
Account Number 18-82-00-710
1. Kermit M. Clark, 2694, Accountant II $7,920
2. Clarence C. Leverenz, 7342, Assistant to Director of Illini Union $750
3. C. E. Wertz, 2683, Assistant to Director of Illini Union $5,715

Illini Union — Food Service
Account Number 18-82-90-720
1. R. F. Hott, 0278, Purchasing Assistant II $2,520
2. Helen M. England, 2725, Clerk II $3,300
3. Annette K. Nielsen, 2724, Clerk III $4,200
4. Luella Rennier, 6007, Clerk III $3,150
5. Evelyn M. Long, 2719, Food Production Manager $6,960
6. Catherine E. Richards, 5807, Food Production Manager $6,870
7. Naomi J. Bowen, 2722, Assistant Food Production Manager $6,000
8. Florence A. Forsyth, 2722, Assistant Food Production Manager $4,950
9. Laura C. Gould, 6831, Assistant Food Production Manager $4,650
10. Violet K. Pang, 7588, Assistant Food Production Manager $4,770
11. Mary E. Slack, 5310, Assistant Food Production Manager $4,800
13. 7975, Assistant Food Production Manager. N 4 200
14. Marjorie S. Arkwright, 2714, Food Service Manager. N 11 100
(Perquisites University—two meals)
15. Marilyn J. Benjamin, 5664, Catering Supervisor. N 5 200
(Perquisites University—two meals)
16. 5622, Colonial Room Supervisor. N 5 220
Total, Illini Union—Food Service $80 410

Illini Union—Billiards
Account Number 18-82-90-730
1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager. ZN25 $1 500
(Total Salary) (6 000)
Total, Illini Union—Billiards $1 500

Illini Union—Bowling Alleys
Account Number 18-82-90-740
1. Bert N. Lippincott, 2735, Bowling Alley and Billiard Room Manager. ZN75 $4 500
Total, Illini Union—Bowling Alleys $4 500

Illini Union—Bookstore
Account Number 18-82-90-770
1. Carole L. Wood, 8127, Clerk II. N $2 820
2. William J. Welsh, 2729, Bookstore Manager. N 10 600
3. John A. Balagna, Jr., 5303, Assistant Bookstore Manager N 6 600
Total, Illini Union—Bookstore $20 020

Chicago Professional Colleges
Administration and General
Vice-President's Office
Account Number 05-06-10
1. Sophia M. Hyland, 3230, Clerk-Stenographer III. N $5 100
2. Margaret C. Clancy, 3229, Administrative Secretary—Stenographic. N 7 800
Total, Vice-President's Office $12 900

Health Service
Account Number 05-06-15
1. Rosa M. Sowell, 6640, Typing Clerk II. N $3 780
2. Rosina A. Durzo, 3233, Clerk-Stenographer III. N 4 500
3. Irma H. Collins, 3234, Clerk-Typist II. N 3 660
4. Joyce H. Baller, 7909, Staff Nurse. N 4 830
5. Peggy A. Curnyn, 3232, Staff Nurse. N 4 620
Total, Health Service $21 060

Animal Hospital
Account Number 05-06-17
1. G. O. Dodd, Head Animal Caretaker. N $3 750
(On leave without pay)
2. Herschel W. Jones, 3238, Head Animal Caretaker. N $5 600
3. Beverly R. Starbuck, 3237, Clerk-Typist III. N 3 900
4. Joyce H. Baller, 7909, Staff Nurse. N 4 830
5. A. L. Hesse, 3236, Supervisor of Animal Hospital. N 7 800
6. Reva M. Kemp, 3239, Histology Technologist. N 5 232
Total, Animal Hospital $27 362

Animal Hospital Service
Account Number 15-10-09
1. Murphy R. Cooper, 7648, Accountant I. N $4 950
### Illustration Studios

Account Number 05-06-39

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dagmar Bankowski, Clerk-Typist  III</td>
<td>$4,950</td>
<td></td>
</tr>
<tr>
<td>Robert C. Kostro, Photographer I</td>
<td>$4,950</td>
<td></td>
</tr>
<tr>
<td>Evelyn M. Robbins, Photographer I</td>
<td>$4,800</td>
<td></td>
</tr>
<tr>
<td>Frank J. Marek, Clinical Photographer</td>
<td>$6,270</td>
<td></td>
</tr>
<tr>
<td>Frederick Sharp, Clinical Photographer</td>
<td>$8,500</td>
<td></td>
</tr>
<tr>
<td>Lawrence Toriello, Clinical Photographer</td>
<td>$8,500</td>
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</tr>
</tbody>
</table>

**Total, Illustration Studios** $36,370

### Business Manager's Office

Account Number 05-06-18

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joan Hruby, Clerk-Stenographer III</td>
<td>$4,980</td>
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</tr>
<tr>
<td>Elaine M. Syracuse, Clerk-Typist II</td>
<td>$3,660</td>
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</tr>
<tr>
<td>W. E. Cowart, Assistant Business Manager</td>
<td>$12,720</td>
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</tr>
<tr>
<td>Joyce E. Olson, Secretary — Stenographic</td>
<td>$5,700</td>
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</tr>
</tbody>
</table>

**Total, Business Manager's Office** $27,060

### Accounting Division

Account Number 05-06-19

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Juhasz, Accountant I</td>
<td>$5,400</td>
<td></td>
</tr>
<tr>
<td>Arlene Nienhuis, Accountant I</td>
<td>$5,700</td>
<td></td>
</tr>
<tr>
<td>C. J. Nowakowski, Accountant II</td>
<td>$5,655</td>
<td></td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>($8,100)</td>
<td></td>
</tr>
<tr>
<td>Arthur Catrambone, Accountant III</td>
<td>$9,600</td>
<td></td>
</tr>
<tr>
<td>Harold Q. Albers, Division Chief Accountant</td>
<td>$12,450</td>
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</tr>
<tr>
<td>Julia D. Lockwood, Clerk-Stenographer III</td>
<td>$5,940</td>
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</tr>
</tbody>
</table>

**Total, Accounting Division** $43,845

### Collections Division

Account Number 05-06-20

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lois A. Buskey, Cashier II</td>
<td>$3,960</td>
<td></td>
</tr>
<tr>
<td>Lucille Weiler, Cashier II</td>
<td>$4,140</td>
<td></td>
</tr>
<tr>
<td>Dolores F. Keating, Cashier III</td>
<td>$6,600</td>
<td></td>
</tr>
<tr>
<td>Monya A. Marlow, Clerk-Typist I</td>
<td>$3,420</td>
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</table>

**Total, Collections Division** $18,120

### Payroll Division

Account Number 05-06-21

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ernestine Lathrop, Payroll Clerk II</td>
<td>$4,080</td>
<td></td>
</tr>
<tr>
<td>Mary T. Sheehan, Payroll Clerk II</td>
<td>$4,140</td>
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<tr>
<td>Beverly T. Lehmann, Payroll Clerk III</td>
<td>$5,220</td>
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<tr>
<td>Genevieve Cameron, Payroll Supervisor</td>
<td>$7,500</td>
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</tbody>
</table>

**Total, Payroll Division** $20,940

### Purchasing Division

Account Number 05-06-22

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. F. Knight, Purchasing Agent</td>
<td>$13,710</td>
<td></td>
</tr>
<tr>
<td>Ward L. Walhay, Assistant Purchasing Agent</td>
<td>$5,070</td>
<td></td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>($18,600)</td>
<td></td>
</tr>
<tr>
<td>Mary C. Horne, Purchasing Assistant II</td>
<td>$7,470</td>
<td></td>
</tr>
<tr>
<td>Joseph P. Ramsay, Purchasing Assistant II</td>
<td>$4,680</td>
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</tr>
<tr>
<td>(Total Salary)</td>
<td>($12,750)</td>
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</tr>
<tr>
<td>Stafford Kariotis, Purchasing Assistant III</td>
<td>$4,700</td>
<td></td>
</tr>
<tr>
<td>(Total Salary)</td>
<td>($9,600)</td>
<td></td>
</tr>
<tr>
<td>Andrew C. Collins, Receiving Clerk</td>
<td>$3,810</td>
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</tr>
<tr>
<td>James Jackson, Receiving Clerk</td>
<td>$3,840</td>
<td></td>
</tr>
</tbody>
</table>
8. Evelyn B. Kortum, 3295, Clerk-Stenographer III ........ N 4 560
9. Agnes Maly, 3291, Secretary—Stenographic ............ N 5 580
10. Joseph Arnold, 3288, Supervisor of Central Receiving Station .......... N 5 700

Total, Purchasing Division ........................................ 59 180

General Clerical
Account Number 05-06-24

1. Arthur Catrambone, 3265, Office Manager ............ ZN
2. Anne S. Firszt, 3274, Clerk III ..................... N 4 260
3. Frances L. Nelson, 6576, Clerk III .................. N 3 900
4. Tessie Twietmeyer, 5734, Clerk III .................. N 3 840
5. Mari A. Bartucci, 3296, Chief Clerk ................ N 5 460
6. J. C. Dolciamore, 3292, Chief Clerk ............... N 5 340
7. Loretta M. Gianvito, Typing Clerk I .............. ZN 2 700

(Total Salary) .......................................................... (3 540)
8. Irene Dembicki, 3297, Typing Clerk II .......... N 3 540
9. Marlene M. Ruffolo, 3269, Typing Clerk II .... N 4 030
10. Alice L. Steger, 3301, Typing Clerk II ........ N 4 080
11. Dorothy Diederich, 3275, Clerk-Typist II .... N 3 780
12. Mary Lichtenwalter, 3300, Clerk-Typist II .... N 3 900
13. Arlene P. Longo, 3273, Clerk-Typist II ....... N 4 020
14. Anna Sells, 3302, Clerk-Typist II ............... N 3 780
15. Lorraine A. Thesen, 3209, Clerk-Typist II .... N 3 540
16. Margaret Ventrella, 3296, Clerk-Typist II .... N 3 840
17. Mary C. Kreidler, 3322, Clerk-Typist III .... N 4 320
18. Linda E. Miller, Clerk-Typist III ............... ZN 1 080

(Total Salary) .......................................................... (3 600)
19. Elizabeth O. Yore, 3271, Clerk-Typist III .... N 4 250
20. Harriet B. Lynch, 3304, Inventory Supervisor .. N 4 800
21. Dominic Trombetta, 3289, Inventory Supervisor .. N 5 460

Total, General Clerical ............................................ 80 100

General Stores
Account Number 15-05-15

1. Ward L. Walhay, Assistant Purchasing Agent .......... ZN 2 050

(Total Salary) .......................................................... (10 600)
2. Betty Babiar, 3313, Stores Clerk ................... N 4 320
3. Fred A. Howe, 7927, Stores Clerk .................. N 4 800
4. Elvise McClinton, 7926, Stores Clerk ............. N 4 800
5. Curtis Walton, 7925, Stores Clerk ............... N 4 020
6. Loretta M. Gianvito, Typing Clerk I ............ ZN 840

(Total Salary) .......................................................... (3 540)
7. Harry W. Phillipp, 3309, Stores Supervisor .... N 6 800

Total, General Stores .................................................. 27 630

Student Supply Storeroom
Account Number 15-05-35

1. Ward L. Walhay, Assistant Purchasing Agent .......... ZN 3 480

(Total Salary) .......................................................... (10 600)
2. Joseph P. Ramsay, Purchasing Assistant II .... ZN 2 790

(Total Salary) .......................................................... (7 470)
3. Stafford Kariotis, Purchasing Assistant III .... ZN 2 700

(Total Salary) .......................................................... (9 600)
4. Katia J. Vasseur, 3308, Clerk III ................. N 3 780
5. Estelle Mulatero, 3307, Stores Clerk ............ N 4 230
6. B. F. Dungan, 3305, Manager of Student Supply Store ... N 8 640
7. William C. Godin, 7924, Stores Supervisor ...... N 5 340

Total, Student Supply Storeroom ........................................ 30 960

Tabulating Service
Account Number 15-10-43

1. Mary A. Morrison, 3319, Card Punch Operator I ........ N 4 080

(Total Salary) .......................................................... 4 080
2. Eileen E. Mulhall, 5160, Card Punch Operator II .......... N 4 500
3. Katheryn Flynn, 3318, Card Punch Operator III .......... N 5 450
(On leave without pay)
4. Lawrence W. Wilborn, 7348, Tabulating Machine Operator I .... N 3 600
5. __________________, Tabulating Machine Operator I .......... N 4 200
7. Ottie P. Carter, 3316, Tabulating Machine Supervisor ...... N 10 650
8. Steve E. Adamczyk, 3317, Assistant Tabulating Machine Supervisor .......... N 7 020
\textbf{Total, Tabulating Service} ............................................. $43 770

\textbf{Trust — Indirect Costs — Business Office}

Account Number 56-06-03
\begin{itemize}
\item 1. C. J. Nowakowski, Accountant II ................. ZN35 $ 2 445
\item 2. Marie Herman, 8077, Chief Clerk ................. N 5 280
\item 3. Adeline Kocolowski, 3370, Chief Clerk .......... N 5 120
\item 4. Karen A. Earp, 7966, Clerk-Stenographer III ...... N 4 200
\item 5. Linda E. Miller, Clerk-Typist III ............. ZN70 2 520
\end{itemize}
\textbf{(Total Salary)} ......................................................... (3 600)
\textbf{Total, Trust — Indirect Costs — Business Office} ........... $19 545

\textbf{Auditing}

Account Number 05-06-23
\begin{itemize}
\item 1. Wilbert Gordon, 3326, Accountant II .............. ZN84 $ 7 020
\item 2. Frederick J. Ray, 3325, Accountant II .......... N 6 400
\item 3. __________________, Accountant II ............... N 6 500
\item 4. Carlton Merrifield, 3324, Assistant Auditor ...... N 10 000
\item 5. Mary Jo Stovall, 3327, Clerk-Typist III ....... N 4 350
\end{itemize}
\textbf{Total, Auditing} ......................................................... $34 270

\textbf{Trust — Indirect Costs — Auditing}

Account Number 56-06-04
\begin{itemize}
\item 1. Wilbert Gordon, 3326, Accountant II .............. ZN16 $ 1 380
\end{itemize}
\textbf{Total, Trust — Indirect Costs — Auditing} ...................... $ 1 380

\textbf{Admissions and Records}

Account Number 05-06-25
\begin{itemize}
\item 1. Timothy J. Loftus, Men's Locker Room Attendant .... ZN50 $ 2 320
\item 2. Lyles E. Dravus, 3332, Typing Clerk III ......... N 3 990
\item 3. Ann Feryanchik, 3331, Typing Clerk III ........ N 3 900
\item 4. Genevieve R. Mutka, 3329, Clerk-Stenographer III ...... N 4 740
\item 5. Helen E. Wyle, 3330, Clerk-Stenographer III .... N 5 400
\item 6. Velma M. Davis, 3328, Examiner and Recorder .... N 8 220
\end{itemize}
\textbf{Total, Admissions and Records} ..................................... $28 570

\textbf{Nonacademic Personnel}

Account Number 05-06-30
\begin{itemize}
\item 1. Mae Slappey, 6311, Personnel Assistant II ......... N $ 4 800
\item 2. Viola Watson, 3337, Typing Clerk II ............. N 3 660
\item 3. Mary F. Pacer, 3342, Typing Clerk III ........ N 4 440
\item 4. Marion E. Erickson, 3339, Clerk-Typist III ...... N 4 920
\item 5. __________________, 3340, Clerk-Typist III .......... N 4 320
\item 6. Rose Mary Strueck, Visiting Nurse ............. ZN60 3 240
\end{itemize}
\textbf{(Total Salary)} ............................................................... (5 400)
\begin{itemize}
\item 7. George H. Adams, 7368, Labor Relations Officer .... N 9 600
\item 8. Noreen A. Loan, 7960, Personnel Officer I ......... N 6 660
\item 9. Gertrude Meiers, 3335, Personnel Officer II .... N 8 700
\end{itemize}
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maurice S. Cohen, Placement Officer</td>
<td>5488</td>
<td>$6,180</td>
</tr>
<tr>
<td>Harry R. Murphy, Placement Officer</td>
<td>3336</td>
<td>$6,360</td>
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<tr>
<td><strong>Total, Nonacademic Personnel</strong></td>
<td></td>
<td><strong>$62,880</strong></td>
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</tbody>
</table>

**Stenographic Service**

Account Number 15-10-39

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emma Taylor, Duplicating Machine Operator I</td>
<td>7229</td>
<td>$3,420</td>
</tr>
<tr>
<td>Dolores C. Frank, Duplicating Machine Operator III</td>
<td>3343</td>
<td>$4,440</td>
</tr>
<tr>
<td><strong>Total, Stenographic Service</strong></td>
<td></td>
<td><strong>$7,860</strong></td>
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</table>

**Indirect Costs — Nonacademic Personnel**

Account Number 56-06-02

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marian V. Allen, Clerk-Stenographer III</td>
<td>7681</td>
<td>$4,800</td>
</tr>
<tr>
<td>Jeanette M. Damon, Clerk-Typist III</td>
<td>5735</td>
<td>$3,840</td>
</tr>
<tr>
<td><strong>Total, Indirect Costs — Nonacademic Personnel</strong></td>
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<td><strong>$8,640</strong></td>
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</table>

**Student Affairs**

Account Number 05-06-32

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lavon Elliott, Clerk-Stenographer III</td>
<td>3344</td>
<td>$4,860</td>
</tr>
<tr>
<td>Demaris Pinkstaff, Clerk-Stenographer III</td>
<td>6899</td>
<td>$4,449</td>
</tr>
<tr>
<td>Carolyn H. Gerdes, Clerk-Typist II</td>
<td>3345</td>
<td>$3,720</td>
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<tr>
<td><strong>Total, Student Affairs</strong></td>
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<td><strong>$18,120</strong></td>
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**Public Information**

Account Number 05-06-35

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janice M. Kampe, Clerk-Stenographer III</td>
<td>7100</td>
<td>$4,800</td>
</tr>
<tr>
<td>Gerald Glaub, Assistant Manager of Public Information</td>
<td>6007</td>
<td>$5,700</td>
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<tr>
<td><strong>Total, Public Information</strong></td>
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**COLLEGE OF MEDICINE Administration**

Account Number 05-12-03

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy J. Loftus, Men's Locker Room Attendant</td>
<td>7N50</td>
<td>$2,320</td>
</tr>
<tr>
<td>Yvonne L. Baker, Clerk-Stenographer III</td>
<td>3353</td>
<td>$5,100</td>
</tr>
<tr>
<td>Mary A. Finnegan, Clerk-Stenographer III</td>
<td>3352</td>
<td>$4,500</td>
</tr>
<tr>
<td>Violet Gabriel, Clerk-Typist III</td>
<td>3349</td>
<td>$4,350</td>
</tr>
<tr>
<td>Catharine E. Dulan, Administrative Secretary — Stenographic</td>
<td>3348</td>
<td>$7,800</td>
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<tr>
<td><strong>Total, Administration</strong></td>
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<td><strong>$24,070</strong></td>
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**Cooperative Investigations**

**TRUST — MEDICAL EDUCATION RESEARCH COMMONWEALTH FUND**

Account Number 50-05-10

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patricia D. Husmann, Clerk-Typist III</td>
<td>8005</td>
<td>$4,080</td>
</tr>
</tbody>
</table>

**Anatomy**

Account Number 05-12-18

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grace S. Winfrey, Laboratory Assistant III</td>
<td>6446</td>
<td>$4,296</td>
</tr>
<tr>
<td>Margaret R. Haslett, Clerk-Typist III</td>
<td>6040</td>
<td>$3,900</td>
</tr>
<tr>
<td>Frank Gariffo, Anatomy Curator</td>
<td>7498</td>
<td>$4,400</td>
</tr>
<tr>
<td>George H. Miller, Pathotechnologist</td>
<td>3356</td>
<td>$6,060</td>
</tr>
<tr>
<td>Dorothy I. Duncan, Secretary — Transcribing</td>
<td>3359</td>
<td>$6,300</td>
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<tr>
<td>Rose L. Walsh, Secretary — Transcribing</td>
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<td>$5,490</td>
</tr>
<tr>
<td>Lucille M. Shepherd, Histology Technologist</td>
<td></td>
<td>$5,100</td>
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<tr>
<td><strong>Total, Anatomy</strong></td>
<td></td>
<td><strong>$30,056</strong></td>
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### Cooperative Investigations

**TRUST — U.S. ARMY MD 794**

Account Number 55-16-95

<table>
<thead>
<tr>
<th>Employee Name</th>
<th>Position</th>
<th>Account Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Billy Carroll</td>
<td>Animal Caretaker I</td>
<td>7684</td>
<td>$3,624</td>
</tr>
<tr>
<td>James E. Richmond</td>
<td>Animal Caretaker I</td>
<td>7067</td>
<td>$4,296</td>
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</tbody>
</table>

*Total, Trust — U.S. Army MD 794*: $7,920

### Biological Chemistry

Account Number 05-12-27

<table>
<thead>
<tr>
<th>Employee Name</th>
<th>Position</th>
<th>Account Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marcella Sayers</td>
<td>Laboratory Assistant I</td>
<td>3372</td>
<td>$3,216</td>
</tr>
<tr>
<td>Wyndolyn H. Jenkins</td>
<td>Laboratory Assistant II</td>
<td>3373</td>
<td>$3,624</td>
</tr>
<tr>
<td>Anne L. Megley</td>
<td>Clerk-Stenographer II</td>
<td>5185</td>
<td>$4,350</td>
</tr>
<tr>
<td>Wendell P. Peete</td>
<td>Storekeeper</td>
<td>7661</td>
<td>$4,512</td>
</tr>
<tr>
<td>Harold Trahan</td>
<td>Biochemistry Technologist</td>
<td>8122</td>
<td>$5,364</td>
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</table>

*Total, Biological Chemistry*: $26,566

### Cooperative Investigations

**TRUST — C. PFIZER AND COMPANY**

Account Number 50-12-10

<table>
<thead>
<tr>
<th>Employee Name</th>
<th>Position</th>
<th>Account Number</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Rita C. Hoffman</td>
<td>Medical Technologist I</td>
<td>7337</td>
<td>$4,512</td>
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</table>

**TRUST — AMERICAN CANCER SOCIETY**

Account Number 50-12-50

<table>
<thead>
<tr>
<th>Employee Name</th>
<th>Position</th>
<th>Account Number</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bobby H. Biggers</td>
<td>Medical Technologist I</td>
<td>6564</td>
<td>$4,860</td>
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**TRUST — U.S. PUBLIC HEALTH SERVICE A2624C1**

Account Number 55-21-03

<table>
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<tr>
<th>Employee Name</th>
<th>Position</th>
<th>Account Number</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Harold E. Charles</td>
<td>Biochemistry Technologist</td>
<td>7660</td>
<td>$4,620</td>
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**TRUST — U.S. PUBLIC HEALTH SERVICE A1543C2**

Account Number 55-21-13

<table>
<thead>
<tr>
<th>Employee Name</th>
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<td>Jose C. Gan</td>
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**TRUST — U.S. PUBLIC HEALTH SERVICE A425C6**

Account Number 55-21-26

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<td>Elizabeth D. Dawes</td>
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**TRUST — U.S. NATIONAL SCIENCE FOUNDATION 6454**

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**TRUST — U.S. ARMY MD 562**

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**TRUST — U.S. PUBLIC HEALTH SERVICE 2347C5**

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<td>Z. Buinevicius</td>
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*Total, Trust — U.S. Public Health Service 2347C5*: $8,616
Clinical Science
Account Number 05-12-30
1. Elizabeth L. Faler, 3377, Chief Clerk ............... N $ 6,000

Total, Clinical Science ................................ N $ 6,000

Cooperative Investigations
TRUST — LAKELAND FOUNDATION
Account Number 50-15-41
1. Eve R. Feivish, 6485, Laboratory Assistant I ........ N $3,288

TRUST — U.S. PUBLIC HEALTH SERVICE H3411C2
Account Number 55-25-17
1. Michael Batina, 8072, Animal Caretaker I ............ N $3,540

Dermatology
Account Number 05-12-36
1. Sadie B. Stringer, 6635, Laboratory Assistant III ... N $3,996
2. Marie P. Ehrlicher, 3054, Clerk-Stenographer III ...... N60 2,820
3. Vanda Zolynas, 3392, Histology Technologist ........ N 4,860

Total, Dermatology ........................................... N $17,016

Medical Social Work
Account Number 05-12-41
1. Josephine Hickey, 3677, Clerk-Stenographer III ...... N $4,320
2. Myrtle H. Parkman, 3675, Clerk-Stenographer III ...... N 4,200
3. Lauretta Willborn, 3545, Clerk-Stenographer III ...... N 4,620
4. Lillie A. Brewton, 4501, Clerk-Typist II ............. N 4,050
5. Lavaughn E. Truitt, 3676, Clerk-Typist III .......... N 3,930
6. Helen Strano, 3674, Secretary — Stenographic ....... N 5,160

Total, Medical Social Work ................................... N $26,370

Medicine
Account Number 05-12-42
1. Bertha Mae Heady, 3411, Laboratory Assistant I ...... N $3,132
2. Edward L. Eckert, 6474, Equipment Attendant .......... N 4,740
3. Joyce A. Green, 7322, Clerk-Stenographer II .......... N 3,870
4. Euah D. Nathan, 3415, Clerk-Stenographer II .......... N 3,600
5. Nancy J. Rockwood, Clerk-Stenographer II ............. N 2,250
   (Total Salary) ................................................... N (4,500)
6. Mary L. Lockett, 3413, Clerk-Stenographer III ...... N 4,300
7. Roberta D. Nelson, Clerk-Stenographer III ............ N 2,265
   (Total Salary) ................................................... N (4,530)
8. Beatrice Parker, 3414, Clerk-Stenographer III ...... N 4,500
9. ————, 3412, Clerk-Typist II .................. N 3,750
10. Sandra S. Swengel, 5298, Clerk-Typist III ......... N 4,800
11. Bennie F. Booker, Pathotechnologist ................. N 4,076
    (Total Salary) ................................................... N (4,980)
12. Peggy A. Spieth, 7525, Pathotechnologist ............ N 4,620
13. Doris Nielsen, 3406, Secretary — Stenographic ...... N 6,600
14. ————, 5316, Biochemistry Technologist .............. N 5,100
15. Frances D. Engram, 7010, Medical Technologist I .... N 4,092

Total, Medicine ............................................... N $61,595

Cooperative Investigations
TRUST — PULMONARY FUNCTION
Account Number 50-24-35
1. Loretta Bates, 7574, Laboratory Assistant I .......... N $3,060

TRUST — G. D. SEARLE AND COMPANY
Account Number 50-24-68
1. Jane H. Synek, Medical Technologist I ................. N67 $3,350
   (Total Salary) .................................................. N (4,860)
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8. H. C. Montorsi, 3432, Secretary — Stenographic ........ N 6 300
9. Jean C. Duff, 3436, Secretary — Stenographic ........ N 4 500
10. Marie C. Hammer, 3438, Electroencephalographic Technician N 4 590
11. Ann T. Greboski, 6995, Supervising Electroencephalo-
     graphic Technician ........................................ N 4 650
12. Roxy L. Pickering, 3428, Chief Medical X-ray Technician N 7 800

Total, Neurology and Neurological Surgery ........... $62 268

Epilepsy Clinic Revolving
Account Number 07-12-10
1. Donna T. Daisy, 3443, Clerk-Stenographer III ........ N $ 4 020

Total, Epilepsy Clinic Revolving .................. $ 4 020

Cooperative Investigations
TRUST — CRIPPLED CHILDREN'S BUREAU — CONSULTATION
CLINIC — EPILEPSY
Account Number 53-12-10
1. Patricia Rollin, 6688, Electroencephalographic Technician N $ 4 200

Obstetrics and Gynecology
Account Number 05-12-48
1. Blanche M. Mayberry, 3446, Clerk-Typist III ........ N $ 3 996
2. Esther H. Fiessel, 3445, Secretary — Stenographic N 6 600

Total, Obstetrics and Gynecology .................. $14 916

Cooperative Investigations
TRUST — AMERICAN CANCER SOCIETY
Account Number 50-27-12
1. Ethel E. Raglin, 8016, Laboratory Assistant II ........ N $ 3 720

TRUST — U.S. PUBLIC HEALTH SERVICE RG6015C1
Account Number 55-42-26
1. Joseph M. James, 6767, Medical Technician I ........ N $ 4 620

Occupational Therapy
Account Number 05-12-49
1. Aubert J. Lemrise, 3459, Occupational Therapy Aide .... N $ 4 800
2. Juanita Wales, 3448, Clerk-Typist II ................. N 3 790
3. Elizabeth C. Edelen, 3449, Musician ................... N 4 800
4. Rita J. Toohey, 3447, Secretary — Transcribing ...... N 5 210

Total, Occupational Therapy ............... $18 600

Ophthalmology
Account Number 05-12-51
1. Joan C. Anderson, 3453, Clerk-Stenographer III ..... N $ 4 320
2. Huldah E. Johnson, 3451, Pathotechnologist ........ N 6 060
3. Muriel C. Allardice, 3452, Secretary — Transcribing N 5 730
4. Joan R. Dering, 3456, Secretary — Transcribing ...... N 5 590
5. Leonora P. Bueno, 3454, Histology Technologist .... N 4 880
6. Lydia K. Heinen, 3455, Medical Technologist I ...... N 4 980

Total, Ophthalmology ...................... $31 540

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE 2B5195C1
Account Number 55-46-21
1. Dorothy Wheeles, 7141, Pathotechnologist .......... N $ 4 980

Orthopaedic Surgery
Account Number 05-12-54
1. Arleana S. Walton, 3465, Laboratory Assistant I .... N $ 3 060
2. Alice C. Bartlett, 3462, Laboratory Assistant III ... N 4 620
3. Nell E. White, 5683, Clerk II ..................... N 3 900
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<td>Dolores J. Shevlin</td>
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Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE CS9665
Account Number 55-48-05
1. Maryann Bugaiiski, 7827, Visiting Nurse. $4,620

TRUST — U.S. PUBLIC HEALTH SERVICE D1064
Account Number 55-48-10
1. Karen S. Price, 7999, Clerk-Typist II $4,080

Pharmacology

Account Number 05-12-66
1. Nathaniel Jackson, 3509, Laboratory Assistant III $4,296
2. Dolores J. Shevlin, 3498, Clerk-Stenographer III $4,200
3. Bert M. Gustafson, 3499, Instrument Maker N 7 000
4. Polly F. Cline, 3497, Secretary — Stenographic N 5 610
5. Anita Tatone, 3501, Secretary — Stenographic N 5 160
Total, Pharmacology $26 266

Cooperative Investigations
TRUST — JANE COFFIN CHILDS MEMORIAL
Account Number 50-45-45
1. Dolores C. Anderson, 6916, Biochemistry Technologist N $ 4 620

TRUST — U.S. PUBLIC HEALTH SERVICE H2354C3
Account Number 55-50-08
1. Estella Mason, 3504, Laboratory Assistant I N $ 3 372

TRUST — U.S. PUBLIC HEALTH SERVICE 2G81C1
Account Number 55-50-12
1. Mary A. Fink, 7998, Clerk-Typist I N $ 3 360

TRUST — U.S. PUBLIC HEALTH SERVICE B983C3
Account Number 55-50-48
1. Peggy J. Davis, 7888, Medical Technologist I N $ 3 960

TRUST — PUBLIC HEALTH SERVICE H4472
Account Number 55-50-65
1. Charles Richardson, 7877, Laboratory Assistant II N $ 3 450

Physical Medicine and Rehabilitation
Account Number 05-12-72
1. Naomi McCutcheon, 3506, Secretary — Stenographic N $ 4 490
2. Willie L. Campbell, 6755, Medical Technologist I N 4 512
Total, Physical Medicine and Rehabilitation $10 002

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE H2568C3
Account Number 55-52-08
1. Roscoe E. Mitchell, 6912, Medical Technologist I N $ 4 404

Physiology
Account Number 05-12-75
1. John Firek, 3512, Laboratory Assistant II N $ 4 188
2. ————, 3511, Clerk-Typist II N 4 200
3. Ruth E. James, 3514, Clerk-Typist III N 4 260
4. George H. Luhr, 3508, Instrument Maker N 7 080
5. Edwin R. Herskind, 5060, Senior Laboratory Mechanic N 4 980
6. Virginia J. Maier, 3513, Secretary — Stenographic N 5 700
7. Julius J. Gyorke, 8121, Storekeeper N 4 188
8. ————, 3516, Biochemistry Technologist N 4 512
Total, Physiology $39 108

Cooperative Investigations
TRUST — U.S. PUBLIC HEALTH SERVICE H4155
Account Number 55-55-07
1. Helen J. Moore, 8093, Medical Technologist I N $ 4 188

TRUST — U.S. PUBLIC HEALTH SERVICE H1353C6
Account Number 55-55-11
1. Ryo Kubota, 8119, Medical Technologist I N 2 277

TRUST — U.S. PUBLIC HEALTH SERVICE RG5305C1
Account Number 55-55-56
1. Clifford V. Johnson, 7501, Medical Technologist I N 4 092

TRUST — U.S. PUBLIC HEALTH SERVICE 2345C3
Account Number 55-55-63
1. Adeline M. Kuzara, 8085, Laboratory Assistant II N $ 3 540
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<tbody>
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<td>Account Number 55-55-57</td>
</tr>
<tr>
<td>1. Natsu Ota, 7105, Biochemistry Technologist N $ 4,740</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Trust: U.S. Public Health Service 4740</th>
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<tbody>
<tr>
<td>Account Number 55-55-95</td>
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<tr>
<td>1. Arlene Schmolinske, 8015, Medical Technologist I N $ 4,404</td>
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**Preventive Medicine**

<table>
<thead>
<tr>
<th>Account Number 05-12-78</th>
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<tbody>
<tr>
<td>1. Ophelia J. Berry, 3525, Secretary—Stenographic N $ 5,100</td>
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**Total, Preventive Medicine**

$ 5,100

**Respiratory Center Revolving**

<table>
<thead>
<tr>
<th>Account Number 07-27-25</th>
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<tbody>
<tr>
<td>1. Garland Johnson, 6806, Instrument and Measurement Technician II N $ 6,000</td>
</tr>
<tr>
<td>2. Emilie C. Bishop, 6884, Recreational Worker N $ 4,700</td>
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</table>

**Total, Respiratory Center Revolving**

$10,700

**Cooperative Investigations**

**Trust: National Foundation for Infantile Paralysis—Respiratory Polio**

<table>
<thead>
<tr>
<th>Account Number 50-52-55</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Marian Borders, 8020, Clerk-Typist II N $ 3,500</td>
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<tr>
<td>2. Anne R. Silverman, 5777, Secretary—Stenographic N $ 5,350</td>
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**Total, Trust—National Foundation for Infantile Paralysis—Respiratory Polio**

$ 8,850

**Trust: U.S. Public Health Service E2613C1**

<table>
<thead>
<tr>
<th>Account Number 55-57-16</th>
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<tbody>
<tr>
<td>1. Cardella Price, 3526, Laboratory Assistant I N $ 3,132</td>
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<tr>
<td>2. Erika A. Paustian, 6754, Laboratory Assistant II N $ 3,720</td>
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**Total, Trust—U.S. Public Health Service E2613C1**

$ 6,852

**Psychiatry**

<table>
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<tr>
<th>Account Number 05-12-81</th>
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<tbody>
<tr>
<td>1. Lucille Elliott, 3536, Laboratory Assistant I N $ 3,540</td>
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<tr>
<td>2. Betty J. Dobbs, 3532, Laboratory Assistant III N $ 4,044</td>
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<tr>
<td>3. Genevieve M. Lowden, 3534, Laboratory Assistant III N $ 4,044</td>
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<tr>
<td>4. Robert C. Helm, 3555, Animal Caretaker I N $ 3,996</td>
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<tr>
<td>5. Rachel M. Maschio, 3547, Clerk-Stenographer II N $ 3,900</td>
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<tr>
<td>6. Lorraine F. McNell, 3540, Clerk-Stenographer III N $ 5,400</td>
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<tr>
<td>7. Dorothy M. Ohliger, 3543, Clerk-Stenographer III N $ 2,640</td>
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<td>8. Margaret O. Baigen, 3546, Clerk-Typist III N $ 4,650</td>
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<td>9. Doris Paulkner, 3541, Clerk-Typist III N $ 4,230</td>
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<td>10. Luella Head, 7281, Clerk-Typist III N $ 4,080</td>
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<td>11. ———, 7406, Instrument Maker N $ 6,800</td>
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<tr>
<td>12. Elaine R. Engstrom, 3538, Secretary—Stenographic N $ 6,600</td>
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<td>13. Charlotte S. Hart, 3542, Secretary—Stenographic N $ 5,820</td>
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<td>14. Luberta Shirley, 3539, Secretary—Stenographic N $ 5,520</td>
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<td>15. Virginia Eagleton, 8103, Medical Technologist I N $ 3,906</td>
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**Total, Psychiatry**

$69,980

**Cooperative Investigations**

**Trust: State Department of Public Welfare—Neuron Study**

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<th>Account Number 55-60-01</th>
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<tbody>
<tr>
<td>1. Annie Walker, 6021, Laboratory Assistant I N $ 3,540</td>
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<td>2. Norman A. Bartley, 7364, Clinical Photographer N $ 6,700</td>
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<td>3. Jackson E. Lucas, 7796, Histology Technologist N $ 4,860</td>
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**Total, Trust—State Department of Public Welfare—Neuron Study**

$15,100
TRUST — STATE DEPARTMENT OF PUBLIC WELFARE —

Psychosomatic Differentiation in Infants

Account Number 55-60-05
1. C. MacCandlish, 5582, Laboratory Assistant III .......... N $ 3 996
2. Johnnie L. Williams, 7164, Clerk-Typist II ............. N $ 3 990
Total, Trust — State Department of Public Welfare — Psychosomatic Differentiation in Infants .......... $ 7 986

TRUST — STATE DEPARTMENT OF PUBLIC WELFARE —

Phenylketonuria

Account Number 55-60-10
1. James A. Edwards, 5825, Laboratory Assistant I ........ N75 $ 2 412
2. Earl M. Boulton, 7683, Laboratory Assistant III ....... N $ 4 296
3. Johnnie H. Baker, 6294, Clerk-Typist III ............. N $ 4 290
4. Aline I. Portner, 7727, Electroencephalographic Technician N $ 4 000
Total, Trust — State Department of Public Welfare — Phenylketonuria ........................................ $14 998

TRUST — U.S. PUBLIC HEALTH SERVICE 38413C6

Account Number 55-60-16
1. Jack T. Beuttas, 6563, Histology Technologist .......... N $ 4 860

TRUST — U.S. PUBLIC HEALTH SERVICE B1650C1

Account Number 55-60-21
1. Yoko Kimura, 6415, Clerk-Typist III ................. N $ 4 100

TRUST — U.S. PUBLIC HEALTH SERVICE M637C3

Account Number 55-60-58
1. L. Elaine Dodd, 6880, Clerk-Stenographer III ........ N $ 4 650

TRUST — U.S. PUBLIC HEALTH SERVICE 2M6009

Account Number 55-60-85
1. Faye H. Weinstein, 6577, Clerk-Stenographer III ...... N40 $ 1 980

Radiology

Account Number 05-12-84
1. Lura P. Walton, Clerk-Typist II ..................... ZN50 $ 1 770
(Total Salary) ........................................ (3 540)
2. Fingal Spongberg, 3561, Instrument Maker ............. N $ 7 300
3. Margaret W. Ritter, 3559, Secretary — Stenographic .......... $ 6 360
Total, Radiology ........................................ $15 430

Cooperative Investigations

TRUST — U.S. PUBLIC HEALTH SERVICE C13426C2

Account Number 55-62-07
1. Andrew M. Pickett, 7576, Animal Caretaker I ........... N $ 3 540
2. Lura P. Walton, 8073, Clerk-Typist II ................. ZN50 $ 1 779
Total, Trust — U.S. Public Health Service C13426C2 .... $ 5 319

Surgery

Account Number 05-12-90
1. Marija Petravicius, Laboratory Assistant II .......... ZN52 $ 1 758
(Total Salary) ........................................ (3 372)
2. Sallie S. Graham, 3569, Clerk-Stenographer III ....... N $ 4 830
3. Doris J. Peterson, 6287, Clerk-Stenographer III ....... N $ 4 410
4. Ruth E. Scapino, 7365, Clerk-Stenographer III ......... N $ 4 470
5. Everett T. Hoppe, 3565, Pathotechnologist .......... N $ 6 060
6. ,8001, Pathotechnologist ................................ N50 $ 2 430
7. Josephine Magista, 3567, Secretary — Stenographic .. N $ 6 600
8. Ruth G. McGrath, 3570, Biochemistry Technologist .... N $ 6 060
Total, Surgery ........................................ $36 618

Cooperative Investigations

TRUST — AMERICAN CANCER SOCIETY — TISSUE CULTURE

Account Number 50-57-04
1. Mamie O'Neal Wymbs, 7358, Laboratory Assistant I .... N $ 2 988
2. Eleanor Renn, 7875, Histology Technologist ............ N 4 620
   Total, Trust—American Cancer Society—Tissue Culture .......................
   $ 7 608

Trust—U.S. Public Health Service CT630C11
Account Number 55-65-16
1. Patricia A. Camacho, 8136, Clerk I ..................... N $ 3 420
2. Marilynn K. Miller, 3574, Clerk-Stenographer 111 ........... N 3 720
   Total, Trust—U.S. Public Health Service CT630C11 ............. $ 7 140

Trust—U.S. Public Health Service H3045C2
Account Number 55-65-42
1. Regina Kazlauskas, 7420, Biochemistry Technologist .... N $ 4 860

Trust—U.S. Public Health Service 3157C3
Account Number 55-65-48
1. Margaret A. Baxter, 7011, Medical Technologist ........ N $ 4 188

Trust—U.S. Public Health Service CY3551C2
Account Number 55-65-57
1. Marija Petravicius, 7691, Laboratory Assistant II ........ ZN48 $ 1 614

Trust—U.S. Public Health Service CS9594C1
Account Number 55-65-61
1. Sylvia W. Dorse, 8190, Histology Technologist .......... N $ 5 100
2. Marjorie M. Goodwin, 6955, Medical Technologist I ...... N 3 996
   Total, Trust—U.S. Public Health Service CS9594C1 ...... $ 9 096

College of Dentistry

Administration

Account Number 05-15-01
1. Dorit Ansari, 3622, Clerk-Stenographer III ............... N $ 5 040
2. Madelyn J. Daly, 3580, Clerk-Stenographer III ........... N 4 950
3. Margaret M. Lahey, 3579, Administrative Secretary—
   Stenographic ........................................ N 7 800
4. Daniel Lyons, 5852, Storekeeper ......................... N 4 980
   Total, Administration ................................ $ 22 770

Postgraduate Studies

Account Number 05-15-07
1. Arlene J. Schmale, 3584, Clerk-Stenographer III ........ N $ 4 320
2. Dorothy Greenhill, 3582, Secretary—Stenographic .... N 5 820
   Total, Postgraduate Study ................................ $10 140

Admitting Clinic

Account Number 05-15-10
1. Valerie E. Gorny, 7580, Clerk I .......................... N $ 3 480
2. Arlette Stepelton, 3586, Clerk III ....................... N 4 350
3. Carolyn Peterson, 3585, Chief Clerk .................... N 6 000
   Total, Admitting Clinic ............................. $13 830

Applied Materia Medica and Therapeutics

Account Number 05-15-15
1. Mae C. Paul, 6018, Dental Assistant ..................... N $ 4 500
2. Erica Y. Friederici, 3592, Laboratory Assistant III ...... N 4 980
3. Gwendolyn Currin, 3593, Clerk III ..................... N 4 680
4. Frances C. Abraham, 3590, Secretary—Stenographic .... N 5 310
   Total, Applied Materia Medica and Therapeutics ........ $19 470

Crowns and Fixed Partial Dentures

Account Number 05-15-20
1. Margaret Kelley, 3599, Clerk III ....................... N $ 4 470
2. Georgia G. Catasca, 3598, Secretary—Stenographic .. N 4 740
   Total, Crowns and Fixed Partial Dentures ......... $ 9 210
Dental Clinics

Account Number 05-15-25
1. Dorothy M. Pilot, 7614, Dental Assistant ............... N $ 4 380
2. Ora Dee Grayson, 3606, Laboratory Assistant I .......... N $ 3 540
3. Lilly N. Henry, 6882, Laboratory Assistant I ........... N $ 2 080
4. Heloise L. Julian, 3604, Laboratory Assistant I ......... N $ 3 060
5. Annie M. Tillman, 3605, Laboratory Assistant I ......... N $ 3 370
6. Lucendia Williams, 3603, Laboratory Assistant I ....... N $ 3 060
7. Frances L. Cathcart, 3602, Cashier II ................. N $ 4 590
8. Betty Becola, 3587, Clerk III ......................... N $ 4 260
9. Gustav Swanson, 3600, Senior Laboratory Mechanic .... N $ 6 600
10. Frances M. McGinn, 3601, Storekeeper .................. N $ 4 620
   Total, Dental Clinics ..................................... $40 470

Full and Removable Partial Dentures

Account Number 05-15-55
1. Esther M. Granata, 3609, Laboratory Assistant II ....... N $ 3 624
2. ————, 3610, Clerk-Typist II ............................. N $ 3 750
3. Adrienne McNair, 8068, Pathotechnologist ............... N $ 5 490
4. Adelaide R. Talbot, 3607, Secretary — Stenographic .... N $ 6 270
   Total, Full and Removable Partial Dentures ............... $19 140

Histology

Account Number 05-15-60
1. Marion Thornton, 3615, Laboratory Assistant III ........ N $ 4 296
2. ————, 3614, Laboratory Assistant III ................... N $ 3 900
3. Lillian Cunningham, 3613, Clerk-Stenographer III ....... N $ 4 020
5. Patsy A. Grim, 3611, Secretary — Stenographic .......... N $ 5 340
6. K. V. Katele, 3612, Histology Technologist ............. N $ 5 628
   Total, Histology .......................................... $33 030

Cooperative Investigations

Trust — U.S. Public Health Service A3220

Account Number 55-80-50
1. Alina Skrupskelis, 8666, Laboratory Assistant II ...... N $ 3 540

Operative Dentistry

Account Number 05-15-75
1. Marie S. Holoubek, 3624, Clerk III ........................ N $ 4 530
2. Dorothy A. Gallo, 3623, Secretary — Stenographic ....... N $ 4 740
   Total, Operative Dentistry ............................... $9 270

Oral and Maxillofacial Surgery

Account Number 05-15-80
1. Alice C. Machen, 3627, Dental Clinic Assistant ......... N $ 4 620
2. Marie V. Venture, 7526, Dental Assistant ................ N $ 4 380
3. Annette F. Moss, 6591, Typing Clerk II .................. N $ 3 340
4. Effie S. Stewart, 3625, Clerk-Stenographer III ........ N $ 3 440
5. Wanda L. Kohlenberg, 3626, Staff Nurse .................. N $ 4 680
   Total, Oral and Maxillofacial Surgery .................... $21 660

Oral Pathology

Account Number 05-15-86
1. Ludmila V. Zmeskal, Secretary — Stenographic ......... ZN50 $ 2 550
   (Total Salary) .............................................. (5 100)
2. Ludmilla Slessarew, 6599, Biochemistry Technologist .... N $ 4 740
   Total, Oral Pathology ................................. $ 7 290
### Cooperative Investigations

**TRUST — U.S. Public Health Service D625C2**

Account Number 55-80-07

1. Margaret Jen, 7749, Laboratory Assistant I

**TRUST — U.S. Public Health Service C3029C2**

Account Number 55-80-32

1. Victor M. Santos, 6700, Photographer I  
2. Ludmila V. Zmeskal, 3632, Secretary — Stenographic

**TRUST — U.S. Public Health Service D513C2**

Account Number 55-80-37

1. Martha M. Cabrera, 3634, Laboratory Assistant I

---

### Orthodontics

**TRUST — U.S. Public Health Service C3029C2**

Account Number 55-80-32

1. Shelli C. Hamer, 7595, Clerk-Typist II
2. Harold Markham, 3630, Photographer I
3. Bess H. Faust, 3628, Secretary — Stenographic  
   (On leave without pay)
4. Eugenia S. Nocek, 3628, Secretary — Stenographic

**Total, Orthodontics**  
14,550

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### Pedodontics

**TRUST — U.S. Public Health Service DT12C2**

Account Number 55-73-07

1. Martha J. Boas, 7106, Biochemistry Technologist

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### Radiology

**TRUST — U.S. Public Health Service DT12C2**

Account Number 55-73-07

1. Lois Williams, 3642, Clerk-Typist III
2. Annette M. Matula, 3641, Dental X-ray Technician I
3. Marion R. Meyer, Dental X-ray Technician I  
   (Total Salary)  
4. Alberta Christiano, 3640, Dental X-ray Technician II
5. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician  
   (Total Salary)  

**Total, Radiology**  
25,327

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### Cooperative Investigations

**TRUST — U.S. Public Health Service D360C3**

Account Number 55-83-12

1. Marion R. Meyer, 8131, Dental X-ray Technician I  
2. J. D. Hauptfuehrer, 6386, Chief Dental X-ray Technician  
3. Julian Alvarez, 7237, Biochemistry Technologist

**Total, Trust — U.S. Public Health Service D360C3**  
6,257

---

### COLLEGE OF PHARMACY

#### Administration

**Account Number 05-15-90**

1. Yolanda L. Pachorek, 3648, Clerk III
2. Emma E. Trojanek, 3646, Chief Clerk  
3. John N. Johnson, 7930, Messenger
4. Sally E. Jurinek, 3645, Secretary — Stenographic
5. Violet Klettka, 3647, Secretary — Stenographic

**Total, Administration**  
24,510
BOARD OF TRUSTEES

Chemistry
Account Number 05-18-10
1. Sondra D. Lawson, 6004, Clerk-Stenographer III ............ N $ 4 290
2. Jean S. Filip, 3659, Secretary—Stenographic .............. N 5 100
3. Andrew Burger, 3654, Storekeeper ......................... N 4 092
4. Carl A. Voelker, 6019, Storekeeper ......................... N 4 092
5. Clifton Williams, 3657, Storekeeper ......................... N 4 092
Total, Chemistry ........................................... $22 554

Pharmacognosy and Pharmacology
Account Number 05-18-15
1. Jose G. Bueno, 3653, Laboratory Assistant III ............ N $ 4 290
2. Karen A. Sandercock, 3649, Clerk-Stenographer II ........ N 3 600
3. Bobbie J. Little, 6003, Clerk-Stenographer III ............ N 4 440
4. Henry F. Luethje, 3652, Farm Foreman ..................... NS 6 100
5. Lee A. Sawyer, 3655, Storekeeper ......................... N 4 740
Total, Pharmacognosy and Pharmacology ...................... $23 176

Pharmacy
Account Number 05-18-20
1. Janis Zaube, 6016, Laboratory Assistant III ............ N $ 4 002
2. Charlotte E. Buck, 6005, Clerk-Stenographer III .......... N 4 620
3. G. Jean Oder, 3651, Clerk-Typist III ..................... N 4 260
4. Theodore Mayer, 6017, Storekeeper ......................... N 4 188
Total, Pharmacy ........................................... $17 160

Stores — Hospital Pharmacy
Account Number 15-05-25
1. J. Stefanovich, 6722, Laboratory Assistant I ............. NS $ 3 540
2. Samuel H. White, 8118, Laboratory Assistant I .......... NS 3 364
3. James W. Jackson, 7850, Stores Clerk ..................... NS 3 900
4. Monica Konjevich, 3659, Clerk-Typist II ................. N 4 200
5. Frank E. Gorski, 3660, Storekeeper ....................... NS 5 472
6. Samuel L. Gibbons, 5858, Manufacturing Pharmacy Technician ................ NS 4 800
Total, Stores — Hospital Pharmacy .............................. $25 336

Stores — Illinois Eye and Ear Infirmary Pharmacy
Account Number 15-05-28
1. John L. Battersby, 3662, Stores Clerk ..................... NS $ 4 500
Total, Stores — Illinois Eye and Ear Infirmary Pharmacy $4 500

GRADUATE COLLEGE
Administration
Account Number 05-19-05
1. Margaret M. Mayer, 3369, Secretary—Stenographic .... N $ 5 880
Total, Administration ....................................... $ 5 880

Indirect Costs — Graduate College
Account Number 56-00-05
1. Dorothy M. Walker, Clerk-Typist III ...................... ZN50 $ 2 130
(Total Salary) ............................................. (4 290)
Total, Indirect Costs — Graduate College .................... $ 2 130

COLLEGE OF NURSING
Account Number 05-21-05
1. Dorothy E. Goodman, 7542, Clerk-Stenographer II ........ N $ 4 320
2. Luvenia Hooks, 3668, Clerk-Typist II ...................... N 3 660
3. ————, 3666, Clerk-Typist II ........................... N 3 900
4. ————, 3672, Secretary — Stenographic ................ N 6 000
Total, College of Nursing ................................... $17 880
## Account Number 05-22-05

1. Roberta Spunt, 6672, Clerk-Typist III .......................... N $ 4,590
2. Alfred E. Partridge, 6483, Radio Station Supervisor of Educational Programs .............................................. N 8,850
3. Barbara J. Jipson, 6753, Television Writer-Producer .......................... N 6,300

**Total, Broadcasting** .......................................................... $19,740

## Division of Services for Crippled Children

**State**

<table>
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<tr>
<th>Account Number 05-23-05</th>
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<tbody>
<tr>
<td>1. Roland E. Zook, 0098, Research Analyst .......................... N $ 9,200</td>
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<tr>
<td>2. Annabel Osby, Personnel Assistant II ................................ N 6,060</td>
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<tr>
<td>3. Dorothy Duke, 0029, Chief Clerk ..................................... N 5,370</td>
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<tr>
<td>4. Pauline M. Klarich, 5556, Chief Clerk .............................. N 5,100</td>
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<td>5. Sophie B. Muller, 0031, Chief Clerk .................................. N 4,350</td>
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<td>6. Sylvia Bloomquist, 0038, Clerk-Stenographer III .................. N 4,920</td>
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<td>8. Juanita Brockman, 0061, Clerk-Typist III .......................... N 4,700</td>
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<td>9. Henrietta Marlowe, 0132, Clerk-Typist III ........................ N 4,200</td>
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<td>10. Mayme Riva, 0067, Clerk-Typist III ................................. N 4,530</td>
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<td>11. Catherine F. Lott, 0102, Medical Social Consultant ............. N 7,500</td>
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<td>12. Elizabeth K. Moffit, 8040, Medical Social Consultant .......... N 7,080</td>
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<tr>
<td>13. Marion V. Smith, 0101, Medical Social Consultant .............. N 8,010</td>
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<tr>
<td>14. Dorothy L. Treiber, 6786, Medical Social Consultant ........... N 7,140</td>
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<td>15. ——, 0025, Medical Social Consultant ............................... N 7,200</td>
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<td>16. Grace F. Borah, 0014, Nursing Consultant .......................... N 6,450</td>
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<td>17. Frances L. Crites, 0011, Nursing Consultant ........................ N 6,990</td>
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<tr>
<td>18. Gladys C. Gibbons, 0015, Nursing Consultant ........................ N 6,030</td>
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<tr>
<td>19. Irene A. Gregg, 0012, Nursing Consultant .......................... N 6,210</td>
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<td>20. Madeline Groeske, 0016, Nursing Consultant ........................ N 6,870</td>
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<td>21. Mary E. Higgins, 0021, Nursing Consultant ........................ N 7,260</td>
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<td>22. Evelyn M. Kuehlne, 0022, Nursing Consultant ........................ N 6,600</td>
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<td>23. Josephine Remley, 0017, Nursing Consultant ........................ N 7,200</td>
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<td>24. Geneva M. Theis, 0018, Nursing Consultant ........................ N 6,630</td>
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<td>25. Vera M. Vathauer, 0020, Nursing Consultant ........................ N 7,170</td>
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<tr>
<td>26. Marie L. Czwalinski, 0005, Orthopaedic Nursing Consultant .... N 7,470</td>
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<td>27. Margaret Duffy, 0019, Orthopaedic Nursing Consultant ........ N 7,560</td>
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<tr>
<td>28. Minna M. Hildebrand, 5966, Orthopaedic Nursing Consultant .... N 7,440</td>
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<tr>
<td>29. Jean A. Sciora, 0006, Orthopaedic Nursing Consultant ........ N 7,620</td>
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<td>30. Myrtle E. Swanson, 0009, Orthopaedic Nursing Consultant ........ N 7,440</td>
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<tr>
<td>31. Irene A. Donohue, 0108, Speech and Hearing Consultant .......... N 7,500</td>
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<tr>
<td>32. Evelyn M. Green, 0107, Speech and Hearing Consultant .......... N 7,500</td>
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<td>33. Kathleen P. Gunn, 6491, Speech and Hearing Consultant .......... N 7,440</td>
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<td>34. Burdette Thurman, 0110, Speech and Hearing Consultant .......... N 7,200</td>
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<tr>
<td>35. Catherine Woods, 0109, Speech and Hearing Consultant .......... N 7,440</td>
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<tr>
<td>36. James J. Thompson, 0004, Janitor .................................... N 3,780</td>
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<td>37. Freda M. Hicks, 0009, Office Manager ............................... N 8,760</td>
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<td>38. Robert G. Summers, 0009, Personnel Officer II .................. N 7,500</td>
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<tr>
<td>39. Helen Culbertson, 0027, Secretary—Stenographic ................. N 6,450</td>
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<tr>
<td>40. Zoe Hall, 0100, Supervisor of Medical Social Service ........... N 9,750</td>
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<tr>
<td>41. Hedwig B. Trauba, 0001, Supervisor of Nursing Service .......... N 9,750</td>
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<tr>
<td>42. Mary D. Ford, 0105, Assistant Supervisor of Nursing Service  N 8,640</td>
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<tr>
<td>43. Marjorie E. Gibson, 0002, Assistant Supervisor of Nursing Service  N 9,360</td>
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<tr>
<td>44. Jeannette Frasier, 0106, Supervisor of Speech and Hearing Service N 9,750</td>
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**Total, State** .......................................................... $307,020
### Business Office

Account Number 05-23-10

<table>
<thead>
<tr>
<th>Accountant/Position</th>
<th>Account Number</th>
<th>Pay</th>
<th>Name</th>
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<tr>
<td>1. Accountant II</td>
<td>0114</td>
<td>$7 000</td>
<td>pleasant</td>
</tr>
<tr>
<td>2. Accounting Clerk II</td>
<td>0090</td>
<td>$5 600</td>
<td>pleasant</td>
</tr>
<tr>
<td>3. Chief Clerk</td>
<td>7153</td>
<td>$5 300</td>
<td>pleasant</td>
</tr>
<tr>
<td>4. Clerk-Typist III</td>
<td>0073</td>
<td>$4 800</td>
<td>pleasant</td>
</tr>
<tr>
<td>5. Clerk-Typist II</td>
<td>0073</td>
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**Total, Business Office**: $25 760

### Federal

Account Number 53-23-05

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<tr>
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<td>Clerk II</td>
<td>0093</td>
<td>$3 810</td>
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<td>Clerk-Grapher II</td>
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<tr>
<td>Clerk-Grapher III</td>
<td>0057</td>
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<tr>
<td>Clerk-Grapher III</td>
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<tr>
<td>Clerk-Grapher III</td>
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<tr>
<td>Clerk-Grapher III</td>
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<tr>
<td>Clerk-Grapher III</td>
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<td>Clerk-Grapher III</td>
<td>0057</td>
<td>$4 900</td>
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<td>0057</td>
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<td>Clerk-Grapher III</td>
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<td>Clerk-Grapher III</td>
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**Total, Federal**: $25 760
## UNIVERSITY OF ILLINOIS

### Business Office

Account Number 53-23-10

<table>
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<th>Name</th>
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<tr>
<td>Clerk-Typist II</td>
<td>Colleen R. Votsmier</td>
<td>0072</td>
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<tr>
<td>Clerk-Typist II</td>
<td>Irene B. Stauffer</td>
<td>0080</td>
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<tr>
<td>Card Punch Operator II</td>
<td>Linda Sue Ames</td>
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*Total, Business Office: $3,240*

### PHYSICAL EDUCATION

**Physical Education for Men**

Account Number 05-24-05

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<tr>
<th>Position</th>
<th>Name</th>
<th>Account Number</th>
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<tbody>
<tr>
<td>Men's Locker Room Attendant</td>
<td>Thomas E. Ziroli</td>
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*Total, Physical Education for Men: $4,800*

### AEROMEDICAL LABORATORY

Account Number 05-25-05

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<tr>
<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>Laboratory Operating Engineer</td>
<td>John Hansen</td>
<td>3681</td>
</tr>
<tr>
<td>Secretary—Stenographic</td>
<td>Vinnie Schneider</td>
<td>3682</td>
</tr>
<tr>
<td>Supervisor of Mechanical, Electrical, and Electronic Equipment</td>
<td>William Kadetz</td>
<td>3680</td>
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<tr>
<td>Electron Microscope Technician</td>
<td>Irena Kairys</td>
<td>7280</td>
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<tr>
<td>Instrument and Measurement Technician</td>
<td>Bradley Anderson</td>
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*Total, Aeromedical Laboratory: $32,363*

### INSTITUTION FOR TUBERCULOSIS RESEARCH

Account Number 03-26-10

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<th>Position</th>
<th>Name</th>
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<tr>
<td>Laboratory Assistant I</td>
<td>Vita Baleis</td>
<td>3692</td>
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<tr>
<td>Laboratory Assistant I</td>
<td>Zylphia W. Bruder</td>
<td>3695</td>
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<tr>
<td>Laboratory Assistant I</td>
<td>Brone Repeika</td>
<td>7405</td>
</tr>
<tr>
<td>Laboratory Assistant I</td>
<td>Aldon C. Kelly</td>
<td>8003</td>
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<tr>
<td>Laboratory Assistant II</td>
<td>Margaret G. Thorne</td>
<td>3689</td>
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<tr>
<td>Laboratory Assistant II</td>
<td>Carol W. Belew</td>
<td>5906</td>
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<tr>
<td>Statistician II</td>
<td>James E. P. Libby</td>
<td>3690</td>
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<tr>
<td>Chief Medical Technologist</td>
<td>Robert M. Bechtle</td>
<td>7729</td>
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*Total, Institution for Tuberculosis Research: $31,935*

### Cooperative Investigations

**Trust—U.S. Task Order II**

Account Number 55-90-20

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<tr>
<th>Position</th>
<th>Name</th>
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<tbody>
<tr>
<td>Laboratory Program Administrative Assistant</td>
<td>Joseph J. Dressel</td>
<td>7765</td>
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*Total: $2,520*
TRUST — U.S. ATOMIC ENERGY COMMISSION Project 706
Account Number 55-00-30
1. Aldon C. Kelly, Animal Caretaker I .................. ZN50 $ 1 770

RESEARCH AND EDUCATIONAL HOSPITALS

Administration

Account Number 05-27-05
1. Carl T. Heinze, 3696, Assistant Administrator of Research
   and Educational Hospitals .......................... N $10 200
2. , 8117, Cashier I .............................. N 3 480
3. Mary V. Munizzo, 3705, Cashier II .................. N 4 320
4. William E. Hewett, 4924, Clerk II .................. N 3 780
5. Edna C. Kelleher, 3712, Clerk II .................... N 3 900
6. Dorothy C. Neary, 3709, Clerk III .................. N 3 900
7. Herbert A. Repp, 4566, Clerk III .................. N 3 900
8. Olga Swistek, 4967, Clerk III ...................... N 4 200
9. , 7743, Clerk III ............................... N 3 780
10. Veronica Kavanagh, 3706, Chief Clerk ................. N 5 310
11. Claudette Michalec, 7375, Clerk-Stenographer III .... N 4 800
12. Deni Hogan, Clerk-Typist I ........................ N 3 540
13. S. A. Dearmbarger, 7886, Clerk-Typist II ............ N 3 840
14. Charlotte Newsome, 3699, Clerk-Typist II ............ N 3 660
15. Esther Karl, 3704, Clerk-Typist III ................. N 4 800
16. Judith L. Monsen, 6138, Clerk-Typist III ............ N 4 020
17. Jean L. Rath, 3701, Clerk-Typist III ................. N 4 260
18. , 6389, Clerk-Typist III ........................ N 3 960
19. Luella Hunter, 3703, Bookkeeping Machine Operator I .. N 3 750
20. Jerilyn Wells, 7152, Bookkeeping Machine Operator I .. N 3 480
21. Mary E. Keating, 3698, Secretary — Stenographic ...... N 6 300
22. Mary Ellen Maloney, 3359, Administrative Secretary —
   Stenographic .................................. N 7 360
23. Daniel P. Conforti, 7824, Inventory Supervisor ....... N 5 100
24. Doris E. Dahl, 7284, Supervisor of Credit Collections .. N 6 780

Total, Administration .................................... $112 450

Admissions

Account Number 05-27-10
1. Ida Damore, 3732, Clerk II ........................ N 3 780
2. Josie Mitchell, 3548, Clerk II ....................... N 3 780
3. Florence Hellmuth, 3733, Clerk-Typist II ............ N 3 750
4. Avusa M. Washington, 3731, Clerk-Typist II ........... N 3 780
5. Margaret O. Aydt, 3729, Admitting Officer .......... N 3 840
6. Mary C. Berardi, Admitting Officer ................. N 3 730

(Perquisites Employee — one meal)

7. Dolores M. Daily, 5759, Admitting Officer ............ N 4 050
8. Ruth Enger, 3728, Admitting Officer ................. N 4 710
9. Marjorie Hennings, 6115, Admitting Officer ........... N 4 020
10. Barbara Josephson, 8004, Admitting Officer ......... N 3 840
11. Florence Marken, 3726, Admitting Officer ............ N 3 840
12. Catherine Redmond, 3725, Admitting Officer ........... N 3 960
13. Mary Saturnino, 3727, Admitting Officer ............ N 4 230
14. , Admitting Officer .............................. N 3 780
15. Marie J. Zullo, 6100, Admitting Officer ............. N 3 840
16. Ann P. Knipper, 3723, Chief Admitting Officer ...... N 5 970

Total, Admissions ....................................... $84 020

Anesthesiology

Account Number 05-27-12
1. Theodore R. London, 5590, Anesthesia-Inhalation Therapy
   Technician ......................................... N $ 4 680
2. Evander W. Maclin, 7053, Anesthesia-Inhalation Therapy
   Technician ......................................... N 5 040
3. , Anesthesia-Inhalation Therapy Technician ............ N 4 120

Total, Anesthesiology .................................... $13 840
### Central Supply

<table>
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<tr>
<th>Account Number 05-27-15</th>
<th>Employee Name</th>
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<th>Perquisites University</th>
<th>Perquisites Employee</th>
<th>Perquisites One Meal</th>
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<tbody>
<tr>
<td>1. John Bettinardi</td>
<td>3739</td>
<td>Laboratory Assistant III</td>
<td>N</td>
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<tr>
<td>2. Nettie Croom</td>
<td>5043</td>
<td>Supply Attendant</td>
<td>N</td>
<td>3,540</td>
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<tr>
<td>3. Helen Dickerson</td>
<td>6917</td>
<td>Supply Attendant</td>
<td>N</td>
<td>3,540</td>
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<tr>
<td>4. Essie Mae Goss</td>
<td>5760</td>
<td>Supply Attendant</td>
<td>N</td>
<td>3,456</td>
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<tr>
<td>5. Vera Green</td>
<td>3743</td>
<td>Supply Attendant</td>
<td>N</td>
<td>3,288</td>
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<tr>
<td>6. Esther Jenkins</td>
<td>5995</td>
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<td>N</td>
<td>3,540</td>
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<tr>
<td>7. Beulah M. Jones</td>
<td>5515</td>
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<tr>
<td>8. Odessa Maclin</td>
<td>5824</td>
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<td>3,060</td>
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<tr>
<td>9. Grace M. Marcatante</td>
<td>6234</td>
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<td>10. Lola Marsh</td>
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<td>12. Leota B. Minor</td>
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<td>13. Estella Montgomery</td>
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<tr>
<td>15. Julia Sechter</td>
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<td>17. Della F. Stone</td>
<td>5792</td>
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<td>18. Helen Waichulis</td>
<td>4503</td>
<td>Surgical Dressing Maker</td>
<td>N</td>
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<td>(On leave without pay)</td>
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<tr>
<td>19. Mary Mitch</td>
<td>3741</td>
<td>Head Nurse</td>
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<td>21. Iris Hill</td>
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### Clinics

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<td>2. Linda L. Bickart</td>
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<tr>
<td>3. Pearlne Crosby</td>
<td>3780</td>
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<td>4. Willie M. Marshall</td>
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<td>5. Elizabeth Menendez</td>
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<td>6. Mildred Nicholas</td>
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<td>7. Irma T. Payne</td>
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<td>8. Annie M. Rhodes</td>
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<td>9. Mary Maher</td>
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<td>11. Catherine Brennan</td>
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<td>12. Beverly J. Brown</td>
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<td>15. Esther H. Johnson</td>
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<td>16. Lillian M. Talley</td>
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<td>17. Shirley M. Poupa</td>
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<td>18. Dorothy E. Varnadoe</td>
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<td>19. Florence T. Wichert</td>
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<td>22. Rosemary Wolf</td>
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<td>23. Ida M. Smith, Assistant Director of Nursing</td>
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<td>24. Gretchen A. Osgood, Associate Director of Nursing</td>
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<tr>
<td>25. Victoria Barry</td>
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<tr>
<td>26. Katherine Beyenka</td>
<td>5739</td>
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<td>27. Lois L. Bonham</td>
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<tr>
<td>28</td>
<td>Frances Lehmann, Clinic Nurse</td>
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<tr>
<td>29</td>
<td>Clarice E. Marriott, Clinic Nurse</td>
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<td>Jean McCallum, Clinic Nurse</td>
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<tr>
<td>31</td>
<td>Smilja Pokrajac, Clinic Nurse</td>
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<tr>
<td>32</td>
<td>Edith Ramsey, Clinic Nurse</td>
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<td>(Perquisites University - one meal)</td>
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**Total, Clinics** $264 330

**Cooperative Investigations**

TRUST — U.S. PUBLIC HEALTH SERVICE 630 C8

Account Number 55-65-15

1. Marsha Ruth Harris, 3577, Staff Nurse | N | $ 4 650

(Perquisites University - one meal)
### Dietetics

Account Number 05-27-25

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Total, Dietetics: $112,090

### Emergency Service

Account Number 05-27-27

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<td>4</td>
<td>Clara O. Loesch, Head Nurse</td>
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<td>7</td>
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12. __________, Staff Nurse................................. N 4 650
   (Perquisites University — one meal)
13. Helen Lane, Supervising Nurse............................. N 6 960
   (Perquisites University — one meal)

\[ \text{Total, Emergency Service} \quad \$55 \, 290 \]

**Laboratory**

Account Number 05-27-30

<table>
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<th>Description</th>
<th>Employee Name</th>
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<td>1. Hospital Laboratory Technical Assistant</td>
<td>Hershel G. Baker, 3896</td>
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<td>Mozella T. Edwards, 7825</td>
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<td>3. Laboratory Assistant I</td>
<td>Rosabelle Perry, 5075</td>
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<td>Essie Lee Walton, 6237</td>
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<td>5. Laboratory Assistant II</td>
<td>Lucille Hoff, 3919</td>
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<td>Hinda Shamberg, 6865</td>
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<td>7. Laboratory Assistant II</td>
<td>Vivian A. Miller, 3920</td>
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<td>8. Laboratory Assistant II</td>
<td>Maida M. Osaki, 5884</td>
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<td>Ludmilla Asamat, 6641</td>
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<td>Naomi A. Harks, 6986</td>
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<td>Anne C. Numoff, 3922</td>
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<td>Maria Andreeff, 3910</td>
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<td>Fumi Ichiba, 5338</td>
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<td>Henry A. Woodson, Jr., 3928</td>
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<td>__________, Hematology Technologist</td>
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<td>Mary V. Donahue, 3807</td>
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<td>Robert A. Wiatr, 6556</td>
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\[ \text{Total, Laboratory} \quad \$242 \, 610 \]
Medical Records

Account Number 05-27-40
1. Geraldine M. Rainey, 3965, Clerk I ........................ N $ 3 150
2. Maudie Williams, 3955, Clerk I ........................ N 3 130
3. __________________, Clerk I ........................ N 3 240
4. Mable Y. Boos, 3959, Clerk II ........................ N 3 360
5. Faith C. Charles, 3953, Clerk II ........................ N 3 360
6. Amy E. Greer, 3962, Clerk II ........................ N 3 570
7. Eva A. Hamilton, 6206, Clerk II ........................ N 3 660
8. Shirley M. Lowery, 5936, Clerk II ........................ N 3 810
9. Marian Florio, 3950, Clerk III ........................ N 3 900
10. Grace Muzzall, 5905, Clerk III ........................ N 4 050
11. Gloria D. Norman, 6231, Clerk III ........................ N 4 530
12. Mary Lou Reader, 3949, Clerk III ........................ N 4 650
13. Evelie G. Rowan, 3964, Clerk III ........................ N 4 690
14. Nell Hall, 3947, Chief Clerk ........................ N 5 100
15. Connie A. Meyer, 6127, Typing Clerk II ........................ N 3 600
16. Hans Monaster, 3961, Typing Clerk III ........................ N 4 200
17. Marilyn J. Strasser, 5883, Clerk-Stenographer III ........................ N 4 500
18. Catherine Carollo, 7085, Clerk-Typist II ........................ N 3 660
19. Ann S. Rapp, 3960, Clerk-Typist II ........................ N 4 020
20. Helen S. Coles, 6043, Medical Record Librarian ........................ N 5 580
21. Rita M. Finnegan, 3951, Medical Record Librarian ........................ N 6 000
22. Jolene A. Nyberg, 7848, Medical Record Librarian ........................ N 5 100
23. ______, 6965, Medical Record Librarian ........................ N 4 500
24. Dorothy V. Dunne, 3941, Chief Medical Record Librarian ........................ N 8 000
25. William O. Burton, 6151, Messenger ........................ N 3 600
(On military leave without pay)
26. Lawrence Richmond, 6150, Messenger ........................ N 3 900
27. Mildred M. Evans, 6453, Secretary — Transcribing ........................ N 5 220
28. Christine Hamby, 6725, Medical Typist ........................ N 4 800
29. Lille E. McElroy, 6724, Medical Typist ........................ N 4 200
30. R. Jane Thompson, 7838, Medical Typist ........................ N 4 200
31. Cora C. Williams, 7504, Medical Typist ........................ N 4 200
32. ______, 6562, Medical Typist ........................ N 4 200

Total, Medical Records ................................ $136 790

Account Number 05-27-42
1. Wanda Machnach, 6883, Laboratory Assistant III ........................ N 80 $ 3 698
2. ____________, Electrocardiographic Technician I ........................ N 4 080
3. ______, 5742, Electrocardiographic Technician I ........................ N 3 600
4. Sallyann Graham, 5814, Electrocardiographic Technician II ........................ N 4 080

Total, Medicine ................................ $15 458

Nursing

Illinois Eye and Ear Infirmary

Account Number 05-27-44
1. Juanita Echols, 5186, Typing Clerk II ........................ N $ 3 780
2. Barbara P. Mason, 6637, Typing Clerk II ........................ N 3 540
3. Sally M. Stewart, 7419, Typing Clerk II ........................ N 3 480
4. Mattie L. Williams, 8110, Typing Clerk II ........................ N 3 480
5. Harriet B. Vrasic, 4269, Clerk-Stenographer III ........................ N 5 400
6. Emma D. Condl, Assistant Director of Nursing ........................ N 7 530
(Perquisites University — one meal)
7. Ferne F. Sieling, 4235, Assistant Director of Nursing ........................ N (On leave without pay)
8. Caroline Stewart, Associate Director of Nursing ........................ N 8 580
(Perquisites University — one meal)
9. Sharon L. Antonucci, Head Nurse ........................ N 5 220
(Perquisites University — one meal)
10. Dolores A. Ciasto, Head Nurse ........................ N 5 220
(Perquisites University — one meal)

Medical Records

Account Number 05-27-40
1. Geraldine M. Rainey, 3965, Clerk I ........................ N $ 3 150
2. Maudie Williams, 3955, Clerk I ........................ N 3 130
3. __________________, Clerk I ........................ N 3 240
4. Mable Y. Boos, 3959, Clerk II ........................ N 3 360
5. Faith C. Charles, 3953, Clerk II ........................ N 3 360
6. Amy E. Greer, 3962, Clerk II ........................ N 3 570
7. Eva A. Hamilton, 6206, Clerk II ........................ N 3 660
8. Shirley M. Lowery, 5936, Clerk II ........................ N 3 810
9. Marian Florio, 3950, Clerk III ........................ N 3 900
10. Grace Muzzall, 5905, Clerk III ........................ N 4 050
11. Gloria D. Norman, 6231, Clerk III ........................ N 4 530
12. Mary Lou Reader, 3949, Clerk III ........................ N 4 650
13. Evelie G. Rowan, 3964, Clerk III ........................ N 4 690
14. Nell Hall, 3947, Chief Clerk ........................ N 5 100
15. Connie A. Meyer, 6127, Typing Clerk II ........................ N 3 600
16. Hans Monaster, 3961, Typing Clerk III ........................ N 4 200
17. Marilyn J. Strasser, 5883, Clerk-Stenographer III ........................ N 4 500
18. Catherine Carollo, 7085, Clerk-Typist II ........................ N 3 660
19. Ann S. Rapp, 3960, Clerk-Typist II ........................ N 4 020
20. Helen S. Coles, 6043, Medical Record Librarian ........................ N 5 580
21. Rita M. Finnegan, 3951, Medical Record Librarian ........................ N 6 000
22. Jolene A. Nyberg, 7848, Medical Record Librarian ........................ N 5 100
23. ______, 6965, Medical Record Librarian ........................ N 4 500
24. Dorothy V. Dunne, 3941, Chief Medical Record Librarian ........................ N 8 000
25. William O. Burton, 6151, Messenger ........................ N 3 600
(On military leave without pay)
26. Lawrence Richmond, 6150, Messenger ........................ N 3 900
27. Mildred M. Evans, 6453, Secretary — Transcribing ........................ N 5 220
28. Christine Hamby, 6725, Medical Typist ........................ N 4 800
29. Lille E. McElroy, 6724, Medical Typist ........................ N 4 200
30. R. Jane Thompson, 7838, Medical Typist ........................ N 4 200
31. Cora C. Williams, 7504, Medical Typist ........................ N 4 200
32. ______, 6562, Medical Typist ........................ N 4 200

Total, Medical Records ................................ $136 790

Account Number 05-27-42
1. Wanda Machnach, 6883, Laboratory Assistant III ........................ N 80 $ 3 698
2. ____________, Electrocardiographic Technician I ........................ N 4 080
3. ______, 5742, Electrocardiographic Technician I ........................ N 3 600
4. Sallyann Graham, 5814, Electrocardiographic Technician II ........................ N 4 080

Total, Medicine ................................ $15 458

Nursing

Illinois Eye and Ear Infirmary

Account Number 05-27-44
1. Juanita Echols, 5186, Typing Clerk II ........................ N $ 3 780
2. Barbara P. Mason, 6637, Typing Clerk II ........................ N 3 540
3. Sally M. Stewart, 7419, Typing Clerk II ........................ N 3 480
4. Mattie L. Williams, 8110, Typing Clerk II ........................ N 3 480
5. Harriet B. Vrasic, 4269, Clerk-Stenographer III ........................ N 5 400
6. Emma D. Condl, Assistant Director of Nursing ........................ N 7 530
(Perquisites University — one meal)
7. Ferne F. Sieling, 4235, Assistant Director of Nursing ........................ N (On leave without pay)
8. Caroline Stewart, Associate Director of Nursing ........................ N 8 580
(Perquisites University — one meal)
9. Sharon L. Antonucci, Head Nurse ........................ N 5 220
(Perquisites University — one meal)
10. Dolores A. Ciasto, Head Nurse ........................ N 5 220
(Perquisites University — one meal)
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<tr>
<th>Board of Trustees</th>
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<tr>
<td>11. Lois Fittin, Head Nurse</td>
<td>(Perquisites University — one meal)</td>
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<td>12. Katherine D. Grady, Head Nurse</td>
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<td>13. Helen S. Guarino, 4236, Head Nurse</td>
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<td>14. Nancy Izzo, Head Nurse</td>
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<td>15. Madge Lovik, Head Nurse</td>
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<td>16. Madonna McDevitt, Head Nurse</td>
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<td>17.</td>
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<td>18. Bessie Becka, Assistant Head Nurse</td>
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<td>19. Freda H. Brown, Assistant Head Nurse</td>
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<td>20. Elvera H. Hanson, Assistant Head Nurse</td>
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<td>21. Isabella Karalius, Assistant Head Nurse</td>
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<td>22. Sophie Kratochvil, Assistant Head Nurse</td>
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<td>23. Thelma A. Jackson, Licensed Practical Nurse</td>
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<td>24. Gloria C. Nails, Licensed Practical Nurse</td>
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<td>25. Lois A. Randle, Licensed Practical Nurse</td>
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<td>26. Louise Ricks, Licensed Practical Nurse</td>
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<td>27. Leatha M. Robinson, 6714, Licensed Practical Nurse</td>
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<td>28. Sandra K. Bencsik, Staff Nurse</td>
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<td>29. Jennie I. Cigolotti, Staff Nurse</td>
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<td>30. C. C. Christopher, Staff Nurse</td>
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<td>31. Rae Ann Conroy, Staff Nurse</td>
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<td>32. Emma E. B. Follmer, Staff Nurse</td>
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<td>33. Sondra Fortunato, Staff Nurse</td>
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<td>34. Marian D. Hopley, Staff Nurse</td>
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<td>35. Blossom C. Lemieux, 4252, Staff Nurse</td>
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<td>38. Virginia C. Suzuki, 4245, Staff Nurse</td>
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<td>42. Doris M. Hundeby, Supervising Nurse</td>
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<td>43. Elizabeth H. Nash, Supervising Nurse</td>
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<td>44. Bessie G. Reyher, Supervising Nurse</td>
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Total, Nursing — Illinois Eye and Ear Infirmary: $213,360
General

Account Number 05-27-45

1. Grace Calmer, Assistant to Director of Nursing .... N $ 6,780
   (Perquisites University — one meal)

2. Virginia M. Counts, Assistant to Director of Nursing N 5,700
   (Perquisites Employee — two meals and room; Univer-
   sity — one meal)

3. Ellen E. Finnigan, 3970, Assistant to Director of Nursing ... N 7,530
   (Perquisites Employee — one meal)

4. Juanita Hamilton, Assistant to Director of Nursing .... N 6,360
   (Perquisites Employee — two meals and room; Univer-
   sity — one meal)

5. Frances B. Kubilski, Assistant to Director of Nursing .... N 6,780
   (Perquisites University — one meal)

6. Clara J. Longbons, Assistant to Director of Nursing .... N 6,720
   (Perquisites University — one meal)

7. Eunice I. Reim, 3972, Assistant to Director of Nursing ... N 6,860
   (On leave without pay)

8. Wanda M. Zumpano, Assistant to Director of Nursing .... N 6,720
   (Perquisites University — one meal)

9. Shelby F. Jones, 4097, Clerk III N 4,440

10. Anna Ware, 4096, Clerk III N 4,200

11. Barbara Conley, 6881, Typing Clerk I N 3,180

12. Delores Miller, 6821, Typing Clerk I N 3,000

13. Lurlean Tiller, 6295, Typing Clerk I N 3,180

14. Orthella M. Frazier, 5803, Typing Clerk II N 3,540

15. Edna L. Hall, 4098, Typing Clerk II N 3,600

16. Catherine M. Kovac, 6260, Typing Clerk II N 4,140

17. Arlene J. Kye, 4095, Typing Clerk II N 3,480

18. Ruth J. Moore, 4094, Typing Clerk II N 3,480

19. Wilhelmina Morton, 4231, Typing Clerk II N 3,480

20. Sara M. Perkins, 6752, Typing Clerk II N 3,540


22. Collette C. Ward, 4230, Typing Clerk II N 3,480

23. Janice B. Washington, 6347, Typing Clerk II N 3,480

24. Lucille Williams, 4233, Typing Clerk II N 3,480

25. Mary.K. Cupp, Head Nurse N 8,790

26. Margaret A. Lucas, 7059, Clerk-Typist I N 3,480

27. Ruthie M. Allen, 4090, Clerk-Typist II N 3,680

28. Helen Bruck, Assistant Director of Nursing N 7,320
   (Perquisites University — one meal)

29. Elizabeth Furnas, Assistant Director of Nursing N 7,410
   (Perquisites University — one meal)

30. Antoinette Radek, 3968, Assistant Director of Nursing N 7,590

31. Ruth M. Carroll, Associate Director of Nursing N 8,790
   (Perquisites University — one meal)

32. Lee S. Ross, 7356, Messenger N 3,900

33. Robert Lee Walker, 7923, Messenger N 3,900

34. Monica Cavanaugh, Head Nurse N 6,660

35. Sophia Ciesla, Head Nurse N 5,580
   (Perquisites University — one meal)

36. Patricia Cipriani, Head Nurse N 5,430
   (Perquisites University — one meal)

37. Violet Conforti, Head Nurse N 6,000
   (Perquisites University — one meal)

38. Mary K. Cupp, Head Nurse N 5,340
   (Perquisites University — one meal)

39. Sophia Dobrychlop, Head Nurse N 5,820
   (Perquisites University — one meal)

40. Joyce A. Durie, Head Nurse N 4,560
   (Perquisites Employee — two meals and room; Univer-
   sity — one meal)
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<tr>
<th>No.</th>
<th>Name</th>
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<td>Clara L. Elam</td>
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<td>43.</td>
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<td>58.</td>
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*Note: Salary figures are in dollars.*
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<td>Elaine Morton, Licensed Practical Nurse</td>
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<td>Freda E. Shaw, Licensed Practical Nurse</td>
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<td>Zelma F. Sims, Licensed Practical Nurse</td>
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<td>(one meal)</td>
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<td>Jeanette Stewart, Licensed Practical Nurse</td>
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<td>(780)</td>
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<td>131</td>
<td>Julia Williams, Licensed Practical Nurse</td>
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<td>Leonor B. Acosta, Staff Nurse</td>
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   (Perquisites University — one meal)
143. Marie Davis, Staff Nurse .......................... N 4 830  
   (Perquisites University — one meal)
   (On leave without pay)
144. Anita K. Dean, Staff Nurse .......................... N 4 770  
   (Perquisites University — one meal)
145. Rose M. F. DeGulio, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
146. Norma Deslauriers, Staff Nurse .................. N 4 650  
   (Perquisites University — one meal)
147. Theresa Diclemente, Staff Nurse .................. N 4 530  
   (Perquisites University — one meal)
148. Helen B. Dmuchowse, Staff Nurse .................. N 4 950  
   (Perquisites University — one meal)
149. Rosemarie Doherty, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
150. Margaret Donoghue, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
151. Michaeline A. Drust, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
152. Crisanta Dumlao, Staff Nurse .................. N 5 040  
   (Perquisites University — one meal)
153. Esther M. Eiskamp, Staff Nurse .................. N 3 870  
   (Perquisites Employee — two meals and room; University — one meal)  
   (780)
154. Martha A. Fiore, Staff Nurse .................. N 5 010  
   (Perquisites University — one meal)
155. Mary Lena Fite, Staff Nurse .................. N 4 950  
   (Perquisites University — one meal)
156. Doris A. Franks, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
157. Rosalie Galanis, Staff Nurse .................. N 5 160  
   (Perquisites University — one meal)
158. Ila M. Gottlob, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
159. Veronique Grenier, Staff Nurse .................. N 5 010  
   (Perquisites University — one meal)
160. Jeannette S. Gulley, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
161. Margaret E. Halpin, Staff Nurse .................. N 5 100  
   (Perquisites University — one meal)
162. Shirley D. Hamby, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
163. Christene W. Hill, Staff Nurse .................. N 5 010  
   (Perquisites University — one meal)
164. Anna Marie Hogan, Staff Nurse .................. N 3 990  
   (Perquisites Employee — two meals and room; University — one meal)  
   (780)
165. Daisy Mae Jones, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
166. Barbara Jurkovich, Staff Nurse .................. N 4 260  
   (Perquisites University — one meal)
167. Elizabeth A. Kenan, Staff Nurse .................. N 4 650  
   (Perquisites University — one meal)
168. M. B. Kilfeather, Staff Nurse .................. N 3 990  
   (Perquisites Employee — two meals and room; University — one meal)  
   (780)
169. Bernice Kotapka, 4086, Staff Nurse .................. N 4 950
170. Suzanne F. Lacroix, Staff Nurse .................. N 4 530  
   (Perquisites University — one meal)
171. Ila Pearl Latimer, Staff Nurse .................. N 4 770  
   (Perquisites University — one meal)
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Note: The table provides information about the perquisites provided to University of Illinois employees, including University and Employee benefits, and the amounts associated with each.
234. Shirley Streeter, 3984, Supervising Nurse ................... N 7 500
(On leave without pay)
235. Ruth H. Ashworth, 3975, Secretary—Stenographic ......... N 6 540
236. ————, Surgical Technician ................................ N 3 300
(Perquisites University — one meal)

Total, Nursing — General ........................................ $1 081 400

Neuropsychiatric Institute

Account Number 05-27-46

1. Thora P. Dickof, 5286, Clerk II ................................ N 3 600
2. Elodie Lane, 4393, Clerk II .................................... N 3 480
3. ————, 4394, Clerk II ............................................ N 3 900
4. Henrietta Lockett, 4392, Typing Clerk II ..................... N 3 600
5. Dorothy Roberts, 4391, Typing Clerk II ....................... N 3 480
6. Harriet A. White, Assistant Director of Nursing ............. N 7 080
(Perquisites University — one meal)
7. Frances R. Mikulec, Associate Director of Nursing .......... N 8 220
(Perquisites University — one meal)
8. Ruth E. Flinn, Head Nurse ...................................... N 5 280
(Perquisites Employee — two meals; University — one meal)
9. Ruby B. Malek, Head Nurse ...................................... N 5 340
(Perquisites University — one meal)
10. J. Niespodzani, Head Nurse .................................... N 5 820
(Perquisites University — one meal)
11. Nellie J. Person, Head Nurse .................................. N 5 520
(Perquisites University — one meal)
12. Alice M. Yarmo, Head Nurse .................................... N 5 220
(Perquisites University — one meal)
13. ————, Head Nurse .............................................. N 5 220
(Perquisites University — one meal)
14. Marguerite A. Dixon, 4370, Assistant Head Nurse ........... N 5 100
(Perquisites University — one meal)
15. Annie Abrams, Licensed Practical Nurse ..................... N 3 690
(Perquisites University — one meal)
16. Dorothy B. Brown, Licensed Practical Nurse ................. N 3 390
(Perquisites University — one meal)
17. Sadie Clark, 4932, Licensed Practical Nurse ................ N 3 810
18. Mellisa Coleman, 6437, Licensed Practical Nurse .......... N 3 870
19. Wila P. Collins, Licensed Practical Nurse .................... N 3 630
(Perquisites University — one meal)
20. Minnie Copeland, Licensed Practical Nurse .................. N 3 630
(Perquisites University — one meal)
21. Ollie Green, 6487, Licensed Practical Nurse ................. N 3 870
22. Loretta Hall, 4941, Licensed Practical Nurse ............... N 3 870
23. Ruth M. Johnson, 4962, Licensed Practical Nurse .......... N 3 810
(Perquisites University — one meal)
25. Nancy L. Abenti, Staff Nurse .................................. N 4 650
(Perquisites University — one meal)
26. Mary F. Beaulieu, Staff Nurse ................................ N 4 530
(Perquisites University — one meal)
27. Gwen Clark, Staff Nurse ....................................... N 4 770
(Perquisites University — one meal)
28. Lois A. Coleman, Staff Nurse ................................ N 4 650
(Perquisites University — one meal)
29. Doris L. Hardy, Staff Nurse ................................... N 4 770
(Perquisites University — one meal)
30. Earlene B. Hatch, Staff Nurse ................................ N 4 950
(Perquisites University — one meal)
31. Betty J. Ivey, Staff Nurse ..................................... N 4 770
(Perquisites University — one meal)
32. Mae Louise Jackson, Staff Nurse .............................. N 4 770
(Perquisites University — one meal)
33. W. Princess Jarrett, Staff Nurse ............................. N 5 160
(Perquisites University — one meal)
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**Total, Nursing — Neuropsychiatric Institute**

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**Operating and Recovery Rooms**

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<td>3. Loretta Fangrat</td>
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<td>4. LaVerne H. Kaleta</td>
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<td>5. Betty A. Lindsay</td>
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<td>Shirley M. Heun</td>
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<td>Arturo Pizarro, Surgical Technician</td>
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### Ophthalmology Revolving

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<td>Mattie Carmichael, 6001, Clerk II</td>
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<td>Lylas R. Egerter, 3459, Clerk III</td>
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<td>Fay Saxon, 3460, Clerk III</td>
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<td>3461, Optical Dispenser I</td>
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### Orthopaedic Brace Shop

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<td>Mary F. Izzo, 4412, Assistant Bracemaker</td>
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### Brace Shop Revolving

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### Pathology

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<td>Victoria Kregzd, 4442, Laboratory Assistant III</td>
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<td>Jadvyga Maldeikis, 4449, Laboratory Assistant III</td>
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<td>Sylvia C. Schreiman, 4448, Clerk Stenographer II</td>
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<td>Jonas S. Ayers, 5647, Morgue Technician (Trainee)</td>
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<td>Aldona A. Brusokas, 7377, Medical Typist</td>
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### Physical Medicine and Rehabilitation

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<td>1</td>
<td>Frances C. Conlan, 4467, Physical Therapy Aide</td>
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<td>Marcella Dowdell, 6633, Physical Therapy Aide</td>
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<td>3</td>
<td>Lawrence Long, 5714, Physical Therapy Aide</td>
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<td>4</td>
<td>William Moffatt, 4466, Physical Therapy Aide</td>
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<td>5</td>
<td>Evelyn C. Smith, 6091, Physical Therapy Aide</td>
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<td>Dorothy C. Larson, 5585, Clerk III</td>
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<td>7</td>
<td>Teddy Ramirez, 5891, Supervisor of Physical Therapy</td>
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<td>June M. Schroeder, 4453, Chief Physical Therapist</td>
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<td>9</td>
<td>Dorothy Barnhart, 4454, Assistant Chief Physical Therapist</td>
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<td>Gay M. DeLong, 6568, Staff Physical Therapist</td>
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**Radiology**

Account Number 05-27-80

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<td>4. Clerk I</td>
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<td>5. Clerk II</td>
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<td>6. Clerk II</td>
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**Respiratory Center Revolving**

Account Number 07-27-25

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<td>3. Assistant Head Nurse</td>
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<td>4. Licensed Practical Nurse</td>
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<td>5. Licensed Practical Nurse</td>
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<td>(Perquisites University — one meal)</td>
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<td>6. Licensed Practical Nurse</td>
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<td>(Perquisites University — one meal)</td>
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<td>7. Licensed Practical Nurse</td>
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<td>8. Licensed Practical Nurse</td>
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<td>(Perquisites University — one meal)</td>
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<td>9. Licensed Practical Nurse</td>
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<td>(Perquisites University — one meal)</td>
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10. ________, Licensed Practical Nurse. .......................... N 3 480
   (Perquisites University — one meal)
11. ________, 6543, Licensed Practical Nurse. .......... N 3 360
12. Mary G. Kearns, Staff Nurse. ...................... N 4 650
   (Perquisites University — one meal)
13. Maxine P. Pryor, 5942, Staff Nurse. .......... N 4 950
   (Perquisites Employee — two meals and room; University
   — one meal) ........................................... 780
14. ________, Staff Nurse. ................................. N 3 840
    (Perquisites University — one meal) .............. 780
15. ________, 5850, Staff Nurse. .......................... N 4 680
16. ________, Staff Nurse. ................................. N 4 620
17. ________, Staff Nurse. ................................. N 4 620
18. ________, Staff Nurse. ................................. N 4 620
   Total, Respiratory Center Revolving .................. $72 864

Cooperative Investigations
TRUST — NATIONAL FOUNDATION FOR INFANTILE PARALYSIS —
RESPIRATORY POLIO
Account Number 50-52-55
1. Phyllis C. Ayers, Supervising Nurse ................. N $ 6 060
   (Perquisites University — one meal)

Stores — Sewing and Mending
Account Number 15-10-33
1. Anne C. Glass, 3716, Seamstress .................. N $ 3 028
2. ________, 3715, Seamstress ......................... N 3 028
3. Lillian Kallenback, 3713, Sewing and Mending Supervisor N 5 430
   Total, Stores — Sewing and Mending ................ $11 486

LIBRARY
Account Number 05-33-05
1. ________, 4510, Library Clerk II .................. N $ 3 540
2. Elizabeth R. Browne, 4505, Library Clerk III .... N 4 770
3. Mary W. McCray, 4508, Library Clerk III ......... N 4 440
4. Helen C. Ritter, 4504, Library Clerk III ......... N 4 770
5. Douglas F. Cushnie, 4507, Typing Clerk I .......... N 3 420
6. Bonita Y. McAllister, 7332, Typing Clerk I ....... N 3 600
7. Stephanie M. Grillo, 4506, Clerk-Stenographer II N 3 840
   Total, Library .................................... $28 380

PHYSICAL PLANT
Administration
Account Number 05-36-02
1. Mary Ellen Nelson, 4902, Accountant II ............. N $ 7 000
2. Helen Duplantis, 4514, Accountant III ............. N 8 700
3. Lawrence A. Ruhnow, 4515, Assistant to Superintendent of
   Buildings and Grounds ............................. N 9 000
4. Rosa Mayer, 4523, Clerk III ....................... N 3 900
5. Marie L. Smith, Clerk III ......................... N 3 478
   (Total Salary) ................................ 4 350
6. Ella M. Warskow, 4522, Clerk III .................. N 3 900
7. L. D. Westerfors, 4901, Payroll Clerk II ........ N 4 080
8. Margaret Banks, 4518, Payroll Clerk III .......... N 4 950
9. Henrietta L. Swan, 7066, Clerk-Stenographer III ... N 4 590
10. Virgie L. Clopton, 5550, Bookkeeping Machine Operator II N 4 440
11. Florence Newcomer, 4517, Bookkeeping Machine Operator II N 3 960
12. Clara G. Niemieic, 4903, Bookkeeping Machine Operator II N 4 320
13. Shirley Ann Hoy, 4516, Secretary — Stenographic.. N 5 010
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<th>Title</th>
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<td>Clerk-Stenographer</td>
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<td>Building Operation</td>
<td>Clerk-Typist</td>
<td>Helen Nottoli</td>
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<td>John J. Fee</td>
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<td>Assistant Superintendent of Operations</td>
<td>Norman D. Nelson</td>
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<td>15-10-27</td>
<td>Laundry Service</td>
<td>Superintendent of Operations</td>
<td>William W. Moss</td>
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<td>05-36-06</td>
<td>Police and Watchmen</td>
<td>Supervisor of Security and Traffic</td>
<td>John F. Albrecht</td>
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<td>Typing Clerk</td>
<td>J. E. Guglielmi</td>
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<td>Leo J. Janas</td>
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<td>Albert H. Stroupe</td>
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<td>Noble J. Smith</td>
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<td>Heat, Light, and Power</td>
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<td>Wanita I. Johnson</td>
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<td>Associate Architect</td>
<td>Jesse C. Caraway</td>
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<td>Architectural Engineering Service</td>
<td>Operations Clerk</td>
<td>Elaine T. Kramer</td>
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<td>Architectural Draftsman</td>
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11. Frank J. Vogt, 4566, Architectural Mechanical Engineer... N 9 000
12. ————, 4577, Architectural Engineer .................. N 8 600
13. Eugene A. Mokelke, 5414, Estimator .................... N 8 700
14. Carolyn Y. Holloway, 6293, Secretary — Stenographic N 4 800
15. Eric M. Polly, 4576, Architectural Superintendent .. N 11 100
16. ————, 4578, Architectural Superintendent .......... N 8 700

Total, Architectural Engineering Services .................. $122 510

Auxiliary Enterprises

Chicago Illini Union Building Operation
Account Number 15-15-15
1. Grace F. Bacon, 4600, Assistant to Manager of Illini Union N $ 5 280
2. Judith A. Pacey, 4603, Assistant to Social Director ........ N 4 350
3. Gail E. Ruttenberg, Assistant to Social Director ........ N (Total Salary) 2 010
4. Marie L. Smith, Clerk III .................................. ZN10 436
   (Total Salary) .............................................. (4 350)

Total, Chicago Illini Union Building Operation ................ $12 076

Telephone Service
Account Number 15-10-45
1. Irene C. Smith, 4590, Chief Switchboard Operator . N $ 5 580

Total, Telephone Service ....................................... $ 5 580

Chicago Illini Union Food Service
Account Number 15-15-16
1. Marie L. Smith, Clerk III .................................. ZN10 $ 436
   (Total Salary) ............................................... (4 350)
2. Faye A. Brodsky, 4605, Food Production Manager ......... N 5 580
3. Margaret D. Johnson, Food Service Manager .............. ZN15 1 665
   (Total Salary) ............................................... (11 100)
4. Viola Walberg, Assistant Food Service Manager .......... ZN15 1 245
   (Total Salary) ............................................... (8 300)
5. Marian J. Rehfeldt, 4607, Food Service Supervisor ..... N 4 800

Total, Chicago Illini Union Food Service ..................... $13 726

Trust — Housing Division Administration
Account Number 62-10-10
1. Mary M. Mahoney, 5618, Accountant I .................... N $ 5 760
2. Gail E. Ruttenberg, Assistant to Social Director ........ N (Total Salary) 2 010
3. Martha Reos, 5775, Clerk-Stenographer II ............... N 3 810
4. Catherine E. Boren, 5432, Clerk-Stenographer III ...... N 4 380
5. Francis L. Cooke, 5580, Housing Maintenance Supervisor N 7 200

Total, Trust — Housing Division Administration ............. $23 160

Steam Plant Service
Account Number 15-10-65
1. Leonard Burkhardt, 4570, Operations Clerk .............. N $ 4 800
2. Umbert Cruciani, 5227, Assistant Instrument and Efficiency Engineer ........ N 6 500
3. ————, 4574, Power Plant Mechanical Engineer .......... N 8 250
4. Albert A. Anderson, 4565, Superintendent of Utilities N 11 900

Total, Steam Plant Service .................................... $31 450

Trust — Student Residence Hall
Account Number 62-10-12
1. Stafford Kariotis, Purchasing Assistant III ............ ZN25 $ 2 200
   (Total Salary) ............................................... (9 600)
2. Florence E. Sanborn, 6432, Food Production Manager ..... N 5 820
3. Margaret D. Johnson, Food Service Manager .............. ZN40 4 440
   (Total Salary) ............................................... (11 100)
4. Viola Walberg, Assistant Food Service Manager ZN40 3 320
   (Total Salary) $ (8 300)
5. Dora M. Breitzer, Food Service Supervisor N 4 200
   (Perquisites University — two meals)
6. Helen S. Cady, Food Service Supervisor N 4 800
   (Perquisites University — two meals)
7. ————, Food Service Supervisor N 4 050
   (Perquisites University — two meals)

Total, Trust — Student Residence Hall $28 830

Hospital Addition Snack Bar
Account Number 15-15-10
1. Margaret D. Johnson, Food Service Manager ZN15 3 450
   (Total Salary) $ 1 665 (11 100)
2. Viola Walberg, Assistant Food Service Manager ZN15 3 245
   (Total Salary) $ (8 300)

Total, Hospital Addition Snack Bar $ 2 910

CHICAGO UNDERGRADUATE DIVISION
ADMINISTRATION AND GENERAL

Executive Dean's Office
Account Number 70-05-05
1. Margaret Shanahan, Clerk-Stenographer III N $ 4 770
2. Patricia M. Lamey, 0556, Clerk-Typist III N 4 710
3. Kathryn G. Canedy, 0555, Administrative Secretary —
   Stenographic N 6 660

Total, Administration $16 140

Student Counseling Service
Account Number 70-05-10
1. Joanne C. Perry, 6030, Personnel Assistant II N $ 5 520
2. Audrey A. Anderson, 0560, Clerk-Stenographer II N 4 170
3. Allie H. Mayberry, 0557, Clerk-Typist III N 4 230
4. Marg Dye Johnston, 0558, Secretary — Stenographic N 4 920

Total, Student Counseling Service $18 840

Business Office
Account Number 70-05-15
1. Leslie Taylor, Accountant II ZN75 $ 5 040 (6 450)
2. Thomas Halstengard, Purchasing Assistant III ZN75 6 580 (8 500)
3. Robert E. Porter, 0561, Assistant to Business Manager N 12 800
4. D. C. Huebner, Assistant to Military Property Custodian N 5 850
5. Joyce M. Rodda, 6194, Cashier II N 4 200
6. Inez V. Dunn, Cashier III ZN90 5 370 (5 290)
7. LaRue I. Sares, 0568, Clerk III N 4 300
8. Joaquin Pelayo, 0565, Receiving Clerk N 4 470
9. George E. Campbell, 0567, Stores Clerk N 4 710
10. George S. Lewis, Stores Clerk N 4 050
11. Terese S. Arnoldi, 0569, Clerk-Stenographer III N 4 230
12. ————, Clerk-Typist II N 3 000
13. Phyllis S. Skutnik, 0564, Secretary — Stenographic N 4 950

Total, Business Office $66 450

General Stores
Account Number 75-05-15
1. Thomas Halstengard, Purchasing Assistant III ZN25 $ 1 920 (8 500)
   (Total Salary) $ 5 970
2. Nathan Barach, 0570, Storekeeper N 80 4 050

Total, General Stores
### Auxiliary — Bookstore

**Account Number 75-15-20**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Number</th>
<th>Total Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dorothy E. Conlon</td>
<td>Cashier I</td>
<td>0579</td>
<td>$4,200</td>
</tr>
<tr>
<td>Evelyn S. Bassett</td>
<td>Accounting Clerk II</td>
<td>6814</td>
<td>$5,400</td>
</tr>
<tr>
<td>Evelyn Marcus</td>
<td>Bookstore Clerk I</td>
<td>7044</td>
<td>$5,750</td>
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<tr>
<td>Beatrice Schwartz</td>
<td>Bookstore Clerk I</td>
<td>6144</td>
<td>$4,350</td>
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<tr>
<td>Emmett E. Willis</td>
<td>Chief Clerk</td>
<td>0573</td>
<td>$6,000</td>
</tr>
<tr>
<td>Rhoda M. Johnson</td>
<td>Clerk-Typist III</td>
<td>0580</td>
<td>$4,350</td>
</tr>
<tr>
<td>Harry E. Summers</td>
<td>Bookstore Manager</td>
<td>0572</td>
<td>$10,200</td>
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<tr>
<td>Frank Goetker</td>
<td>Storekeeper</td>
<td>0574</td>
<td>$5,400</td>
</tr>
<tr>
<td>William J. Hudson</td>
<td>Storekeeper</td>
<td>0578</td>
<td>$4,800</td>
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</table>

**Total, Auxiliary — Bookstore**

$48,300

### Veterans' Certification

**Account Number 88-05-15**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Number</th>
<th>Total Salary</th>
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</thead>
<tbody>
<tr>
<td>Leslie Taylor</td>
<td>Accountant II</td>
<td>0594</td>
<td>$720</td>
</tr>
</tbody>
</table>

**Total, Veterans’ Certification Business Office**

$720

### Admissions and Records

**Account Number 70-05-20**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Number</th>
<th>Total Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. Muriel Fakhoury</td>
<td>Clerk II</td>
<td>0596</td>
<td>$3,660</td>
</tr>
<tr>
<td>Gladys L. Jackson</td>
<td>Clerk II</td>
<td>0597</td>
<td>$3,930</td>
</tr>
<tr>
<td>Emily Wickert</td>
<td>Clerk II</td>
<td>0598</td>
<td>$3,330</td>
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</table>

**Total (Total Salary)**

$3,810

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Number</th>
<th>Total Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edna Downing</td>
<td>Clerk III</td>
<td>0586</td>
<td>$4,170</td>
</tr>
<tr>
<td>Mary A. Grosch</td>
<td>Clerk III</td>
<td>0589</td>
<td>$4,440</td>
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<tr>
<td>Rachel W. Hawkins</td>
<td>Clerk III</td>
<td>0590</td>
<td>$4,140</td>
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<tr>
<td>Adrienne Zmyslony</td>
<td>Clerk III</td>
<td>0588</td>
<td>$4,530</td>
</tr>
<tr>
<td>Irene D. Lyles</td>
<td>Typing Clerk II</td>
<td>0578</td>
<td>$3,480</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0592</td>
<td>$3,300</td>
</tr>
<tr>
<td>Janice M. Harris</td>
<td>Clerk-Stenographer II</td>
<td>0594</td>
<td>$3,990</td>
</tr>
<tr>
<td>Delores Davis</td>
<td>Clerk-Stenographer III</td>
<td>0587</td>
<td>$4,170</td>
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<tr>
<td>Ruth S. Germain</td>
<td>Examiner</td>
<td>0582</td>
<td>$6,090</td>
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**Total, Admissions and Records**

$80,910

### Nonacademic Personnel

**Account Number 70-05-25**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Number</th>
<th>Total Salary</th>
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<tbody>
<tr>
<td>Hilda Mary Chiloro</td>
<td>Personnel Assistant II</td>
<td>7099</td>
<td>$5,340</td>
</tr>
<tr>
<td>Rose Mary Strueck</td>
<td>Visiting Nurse</td>
<td>0584</td>
<td>$2,160</td>
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</table>

**Total (Total Salary)**

$5,500

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Number</th>
<th>Total Salary</th>
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<tbody>
<tr>
<td>LeRoy J. Votava</td>
<td>Personnel Officer</td>
<td>0599</td>
<td>$5,430</td>
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</table>

**Total, Nonacademic Personnel**

$16,000

### Stenographic Service

**Account Number 75-10-15**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Number</th>
<th>Total Salary</th>
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</thead>
<tbody>
<tr>
<td>Bernice Blackwood</td>
<td>Chief Clerk</td>
<td>3141</td>
<td>$5,220</td>
</tr>
<tr>
<td>Frances L. Hedge</td>
<td>Duplicating Machine Operator II</td>
<td>0604</td>
<td>$4,080</td>
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<tr>
<td>Gifford D. Pleasant</td>
<td>Duplicating Machine Operator III</td>
<td>0603</td>
<td>$5,160</td>
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**Total, Stenographic Service**

$14,460
**Dean of Students**

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>70-05-30</td>
<td>Beverly S. McCleary</td>
<td>Clerk-Stenographer II</td>
<td>$4,050</td>
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<tr>
<td></td>
<td>Eleanor C. Thomas</td>
<td>Clerk-Stenographer III</td>
<td>$4,290</td>
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<td></td>
<td>Virginia Duke</td>
<td>Secretary — Stenographic</td>
<td>$4,920</td>
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<td><strong>Total, Dean of Students</strong></td>
<td>$13,260</td>
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**Auxiliary — Student Hospital and Medical Services**

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>75-15-30</td>
<td>Leslie Taylor</td>
<td>Accountant II</td>
<td>$6,900</td>
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<td></td>
<td>Inez V. Dunn</td>
<td>Cashier III</td>
<td>$420</td>
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<td>C. J. Osterberger</td>
<td>Typing Clerk II</td>
<td>$3,530</td>
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<td><strong>Total, Auxiliary — Student Hospital and Medical Services</strong></td>
<td>$4,740</td>
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**Health Service**

<table>
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<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>70-05-35</td>
<td>Wilbur H. Oestreich</td>
<td>Assistant to Director</td>
<td>$7,000</td>
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<td>Eleanore O. Beymer</td>
<td>Clerk-Typist III</td>
<td>$3,720</td>
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<td>Alice M. Sanderson</td>
<td>Health Service Nurse</td>
<td>$5,100</td>
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<td><strong>Total, Health Service</strong></td>
<td>$15,820</td>
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**Public Information**

<table>
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<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>70-05-45</td>
<td>Nancy A. Pinna</td>
<td>Editorial Assistant</td>
<td>$4,350</td>
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<tr>
<td></td>
<td>Paul F. Cahill</td>
<td>Assistant Manager of Public Information</td>
<td>$6,200</td>
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<td><strong>Total, Public Information</strong></td>
<td>$10,550</td>
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**LIBERAL ARTS AND SCIENCES**

**Administration**

<table>
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<tr>
<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>70-10-05</td>
<td>Elizabeth Adamczyk</td>
<td>Clerk-Typist II</td>
<td>$3,480</td>
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<td></td>
<td>Ruth Betty Karpel</td>
<td>Secretary — Stenographic</td>
<td>$5,100</td>
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<td><strong>Total, Administration</strong></td>
<td>$8,580</td>
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**Biological Sciences**

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>70-10-10</td>
<td>Bettye J. Thigpen</td>
<td>Laboratory Assistant II</td>
<td>$3,420</td>
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<td></td>
<td>Edward M. Dryja</td>
<td>Laboratory Assistant III</td>
<td>$5,400</td>
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<td></td>
<td>Sheila J. Shankin</td>
<td>Clerk-Typist II</td>
<td>$3,540</td>
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<td><strong>Total, Biological Sciences</strong></td>
<td>$12,360</td>
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**Humanities**

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<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>70-10-15</td>
<td>Sheila A. Hampton</td>
<td>Clerk-Stenographer III</td>
<td>$4,200</td>
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<tr>
<td></td>
<td>Mildred M. Brown</td>
<td>Clerk-Typist II</td>
<td>$3,570</td>
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<td></td>
<td>Lucille Dawson</td>
<td>Clerk-Typist II</td>
<td>$3,690</td>
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<td><strong>Total, Humanities</strong></td>
<td>$11,460</td>
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**Mathematics**

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<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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<tbody>
<tr>
<td>70-10-20</td>
<td>Adelaide D. Riedl</td>
<td>Clerk-Typist III</td>
<td>$4,500</td>
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<td><strong>Total, Mathematics</strong></td>
<td>$4,500</td>
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**Physical Sciences**

<table>
<thead>
<tr>
<th>Account Number</th>
<th>Name</th>
<th>Position</th>
<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>70-10-25</td>
<td>Monnie Ellens</td>
<td>Clerk-Typist III</td>
<td>$4,020</td>
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<tr>
<td></td>
<td>Frederick R. Gatto</td>
<td>Storekeeper</td>
<td>$5,400</td>
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<tr>
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<td>John T. Rutter</td>
<td>Storekeeper</td>
<td>$5,010</td>
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<td><strong>Total, Physical Sciences</strong></td>
<td>$14,430</td>
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<tr>
<td>Account Number 70-10-30</td>
<td>Social Sciences</td>
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<tr>
<td>------------------------</td>
<td>----------------</td>
<td></td>
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</tr>
<tr>
<td>1. Natalie E. Murray, 0625, Clerk-Typist II</td>
<td>N</td>
<td>$4,200</td>
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<td>Total, Social Sciences</td>
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<tr>
<th>Account Number 70-15-05</th>
<th>Engineering Sciences</th>
</tr>
</thead>
<tbody>
<tr>
<td>Administration</td>
<td></td>
</tr>
<tr>
<td>1. Susan L. Mueller, 0628, Typing Clerk II</td>
<td>N</td>
</tr>
<tr>
<td>2. Florence P. Tanka, 0627, Typing Clerk III</td>
<td>N</td>
</tr>
<tr>
<td>3. Rose N. Turicchi, 0626, Secretary — Stenographic</td>
<td>N</td>
</tr>
<tr>
<td>Total, Administration</td>
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<table>
<thead>
<tr>
<th>Account Number 70-15-10</th>
<th>Architecture and Art</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Vivian F. Miller, 0645, Clerk-Typist II</td>
<td>N</td>
</tr>
<tr>
<td>2. Helen Harron, 0630, Clerk-Typist III</td>
<td>N</td>
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<tr>
<td>Total, Architecture and Art</td>
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<table>
<thead>
<tr>
<th>Account Number 70-15-20</th>
<th>General Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Joan T. Miller, 0631, Clerk-Stenographer III</td>
<td>N</td>
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<tr>
<td>Total, General Engineering</td>
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<table>
<thead>
<tr>
<th>Account Number 70-15-25</th>
<th>Physics</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Otto V. Vitello, 0632, Laboratory Assistant III</td>
<td>N</td>
</tr>
<tr>
<td>2. Jean Y. Asato, 0633, Clerk-Stenographer III</td>
<td>N</td>
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<table>
<thead>
<tr>
<th>Account Number 70-15-30</th>
<th>Shop Laboratories</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mary L. Jackson, 0637, Clerk-Stenographer II</td>
<td>N</td>
</tr>
<tr>
<td>2. Matthew Wisnewski, 0634, Senior Laboratory Mechanic</td>
<td>N</td>
</tr>
<tr>
<td>3. ————, 6473, Senior Laboratory Mechanic</td>
<td>N</td>
</tr>
<tr>
<td>4. Eugene N. Feller, 0635, Senior Foundry Molder</td>
<td>N</td>
</tr>
<tr>
<td>Total, Shop Laboratories</td>
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<table>
<thead>
<tr>
<th>Account Number 70-20-05</th>
<th>Commerce and Business Administration</th>
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</thead>
<tbody>
<tr>
<td>1. Karen D. Hope, 0639, Clerk II</td>
<td>N</td>
</tr>
<tr>
<td>2. Lois L. Thompson, 0638, Secretary — Stenographic</td>
<td>N</td>
</tr>
<tr>
<td>Total, Commerce and Business Administration</td>
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<table>
<thead>
<tr>
<th>Account Number 70-20-10</th>
<th>Physical Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Frank W. Winters, 0641, Men's Locker Room Attendant</td>
<td>N</td>
</tr>
<tr>
<td>2. Charlye B. Williams, 0642, Women's Locker Room Attendant</td>
<td>N</td>
</tr>
<tr>
<td>3. C. J. Oleszkiewicz, Chief Clerk</td>
<td>ZN88</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
</tr>
<tr>
<td>4. Helen M. Weiss, 0643, Typing Clerk II</td>
<td>N</td>
</tr>
<tr>
<td>5. Richard C. Winn, 7055, Typing Clerk II</td>
<td>N</td>
</tr>
<tr>
<td>Total, Physical Education</td>
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<table>
<thead>
<tr>
<th>Account Number 75-15-10</th>
<th>Auxiliary — Student Athletic Activities</th>
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<tbody>
<tr>
<td>1. C. J. Oleszkiewicz, Chief Clerk</td>
<td>ZN12</td>
</tr>
<tr>
<td>(Total Salary)</td>
<td></td>
</tr>
<tr>
<td>Total, Auxiliary — Student Athletic Activities</td>
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<table>
<thead>
<tr>
<th>Account Number 70-20-20</th>
<th>Armed Forces</th>
</tr>
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<tbody>
<tr>
<td>1. Flora Costea, 0646, Clerk-Typist II</td>
<td>N</td>
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<tr>
<td>Total, Armed Forces</td>
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### BOARD OF TRUSTEES

#### LIBRARY

**Account Number 70-20-30**

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ardie M. Grady, 0653, Library Clerk II</td>
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<td>N</td>
<td>$3,630</td>
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<tr>
<td>2</td>
<td>Mary L. Morris, 0659, Library Clerk II</td>
<td></td>
<td>N</td>
<td>$3,630</td>
</tr>
<tr>
<td>3</td>
<td>Judith A. Parhad, 0658, Library Clerk II</td>
<td></td>
<td>N</td>
<td>$3,570</td>
</tr>
<tr>
<td>4</td>
<td>Mary Lou DeMar, 0656, Library Clerk III</td>
<td></td>
<td>N</td>
<td>$4,080</td>
</tr>
<tr>
<td>5</td>
<td>Bonita Y. McAllister, 5267, Library Clerk III</td>
<td></td>
<td>N</td>
<td>$3,900</td>
</tr>
<tr>
<td>6</td>
<td>Ernest D. Sims, Jr., 0655, Library Clerk III</td>
<td></td>
<td>N</td>
<td>$3,930</td>
</tr>
<tr>
<td>7</td>
<td>Gladys R. Spargo, 0659, Library Clerk III</td>
<td></td>
<td>N</td>
<td>$3,990</td>
</tr>
<tr>
<td>8</td>
<td>Phedora Prescott, 0648, Chief Library Clerk</td>
<td></td>
<td>N</td>
<td>$4,560</td>
</tr>
<tr>
<td>9</td>
<td>Alleen M. Pleasant, 7338, Typing Clerk II</td>
<td></td>
<td>N</td>
<td>$3,570</td>
</tr>
<tr>
<td>10</td>
<td>Mamie G. Hurst, 6886, Clerk-Typist II</td>
<td></td>
<td>N</td>
<td>$3,570</td>
</tr>
<tr>
<td>11</td>
<td>Geraldine Glover, 0657, Clerk-Typist III</td>
<td></td>
<td>N</td>
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<tr>
<td>12</td>
<td>Emily C. Wilson, 0652, Clerk-Typist III</td>
<td></td>
<td>N</td>
<td>$3,930</td>
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<tr>
<td>13</td>
<td>Frances M. Stiritz, 0647, Secretary — Stenographic</td>
<td></td>
<td>N</td>
<td>$5,760</td>
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**Total, Library** $60,270

#### PHYSICAL PLANT

**Administration**

**Account Number 70-25-02**

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>E. A. Oskvarek, Clerk II</td>
<td></td>
<td>ZN88</td>
<td>$3,390</td>
</tr>
<tr>
<td></td>
<td>(Total Salary)</td>
<td></td>
<td>(3,840)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>——</td>
<td>Clerk-Stenographer II</td>
<td>N</td>
<td>$3,930</td>
</tr>
<tr>
<td>3</td>
<td>Dora H. Wrobel, 0665, Clerk-Stenographer III</td>
<td></td>
<td>N</td>
<td>$5,100</td>
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<tr>
<td>4</td>
<td>Robert L. Zander, 0661, Superintendent of Buildings and Grounds</td>
<td></td>
<td>N</td>
<td>$12,000</td>
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</tbody>
</table>

**Total, Administration** $24,420

**Building Operation**

**Account Number 70-25-04**

<table>
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<th></th>
<th>Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Joseph J. Ehrlich, 0670, Assistant Superintendent of Operations</td>
<td></td>
<td>N</td>
<td>$8,300</td>
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</table>

**Total, Building Operation** $8,300

**Building Maintenance**

**Account Number 70-25-08**

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Meyer I. Serlin, 0680, Storekeeper</td>
<td></td>
<td>N</td>
<td>$5,400</td>
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<tr>
<td>2</td>
<td>Ned R. Lohan, 0679, Routing Supervisor</td>
<td></td>
<td>N</td>
<td>$7,400</td>
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<tr>
<td>3</td>
<td>Ronald H. Laycock, 0678, Supervisor of Building Craftsmen</td>
<td></td>
<td>N</td>
<td>$9,862</td>
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</table>

**Total, Building Maintenance** $22,662

**Telephone Service**

**Account Number 75-10-25**

<table>
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<th></th>
<th>Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>E. A. Oskvarek, Clerk II</td>
<td></td>
<td>ZN12</td>
<td>$450</td>
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<td></td>
<td>(Total Salary)</td>
<td></td>
<td>(3,840)</td>
<td></td>
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<tr>
<td>2</td>
<td>Rita M. Wilson, Accounting Clerk II</td>
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<td>ZN15</td>
<td>$756</td>
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**Total, Telephone Service** $1,206

**Food Service**

**Account Number 75-15-05**

<table>
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<tr>
<th></th>
<th>Name</th>
<th>Position</th>
<th>Account</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Rita M. Wilson, Accounting Clerk II</td>
<td></td>
<td>ZN85</td>
<td>$4,284</td>
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<tr>
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<td>(Total Salary)</td>
<td></td>
<td>(5,040)</td>
<td></td>
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<tr>
<td>2</td>
<td>Jenny E. Carson, 0688, Food Production Manager</td>
<td></td>
<td>N</td>
<td>$6,300</td>
</tr>
<tr>
<td>3</td>
<td>Audrey F. Mezlo, 7487, Assistant Food Production Manager</td>
<td></td>
<td>N</td>
<td>$4,800</td>
</tr>
<tr>
<td>4</td>
<td>Margaret D. Johnson, Food Service Manager</td>
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<td>ZN30</td>
<td>$3,330</td>
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<tr>
<td></td>
<td>(Total Salary)</td>
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<td>(11,100)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Viola Walberg, Assistant Food Service Manager</td>
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<td>ZN30</td>
<td>$2,490</td>
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<tr>
<td></td>
<td>(Total Salary)</td>
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<td>(8,300)</td>
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**Total, Food Service** $21,204

**Auxiliary Enterprises**

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The document contains detailed information about the salaries and positions of various employees across different departments within an organization. It lists names, positions, account numbers, and salaries for various roles including library staff, physical plant supervisors, and food service managers. The data is presented in a tabular format for clarity and easy reference.
Adams, C. R., degree, 1333
Adams, D. F., appointment, 1294, 1497
Adams, D. W., certificate, 940
Adams, E. T., degree, 932, 910, 1007
Adams, Frances G., degree, 1353
Adams, G. H., appointment, 804, 1709
Adams, E. Rhia, appointment, 835, 1647
Adams, J. A., appointment, 37, 288, 724, 1531
Adams, J. Y., degree, 1353
Adams, L. A., appointment, 728, 1535
Adams, L. L., Jr., degree, 1344
Adams, Mary J. N., appointment, 169, 310, 588, 722, 982, 1249
degree, 317
Adams, Maud A., appointment, 982, 1690
Adams, R. C., degree, 1333
Adams: Mrs. Ruby L., appointment, 982, 1690
Addressographs, Mailing Service, purchase, 3
Adams: Maud A., appointment, 3
Adams: L. L., degree, 1344
Adams: M. M., degree, 1333
Adams: R. C., degree, 1333
Adams: Ruth C., degree, 1045
Adams: fellowship, 1304
Adams, Ruth C., degree, 1045
Adams, W. B., degree, 328
Adams, W. T., degree, 1353
Adamstone, F. R., appointment, 728, 1389, 1535
Adcock, W. E., degree, 320
Addison, A. W., appointment, 120
Addison, J. C., certificate, 292
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Addressographs, Mailing Service, purchase, 1175
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Adékoyé, Olatunde C., degree, 1052
Adelman, G. M., degree, 1016
Adelman, W. L., Jr., degree, 328
Adelsperger, R. J., appointment, 982, 1625
Ades, H. W., appointment, 1171
Ades, L. S., degree, 1326
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Adkins, R. W., degree, 1006
administration, fellowship, 1397
Adler, Mrs. Donatella G., appointment, 1214
Adler, F. T., appointment, 687, 1494
Adler, M., degree, 1102
Adler, R. K., degree, 517
Adler, S. M., appointment, 564
Adler, Selma, resignation, 169
Adler, W. M., fellowship, 1159
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Agress Joyce
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Albert, W. W., appointment, 629, 1444
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Alberson, W., degree, 1368
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Albers, C. O., appointment, 654, 738, 1459
Albig, E. W., appointment, 725, 1531
Albin, Dorris M., appointment, 820, 1614
Albin, Harriet A., degree, 1363
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Allen: Sharon M., appointment, 1658, 1659,

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