The June meeting of the Board of Trustees of the University of Illinois was held in the Pere Marquette Hotel, Peoria, Illinois, on Wednesday, June 19, 1963, beginning at 10:30 a.m.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson, Mr. Earl M. Hughes, Governor Otto Kerner, and Mr. Ray Page were absent.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Vice-President Joseph S. Begando, University of Illinois at the Medical Center, Chicago, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. V. L. Kretschmer, Director of Auxiliary Services, Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. R. R. Manchester, Treasurer, and Mr. A. J. Janata, Secretary. Professor Charles H. Bowman of the College of Law was present for a part of the meeting.
MINUTES APPROVED
The Secretary presented the minutes of the meetings of the Board of Trustees on September 19, October 17, and November 9, 1962, 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 49 to 261, inclusive.

REPORT OF EXECUTIVE COMMITTEE ON CHANGE IN CONTRACT FOR CONSTRUCTION OF CONGRESS CIRCLE
The Secretary presented the following report:
On recommendation of the Director of the Physical Plant and with the concurrence of the President of the University, the Executive Committee has authorized an increase of $56,000 in the contract with Gust K. Newberg Construction Company, General Contractors, Chicago, for the construction of buildings at Congress Circle to include removal of buildings I, II, III, IV, and V of parcel No. 13-216 which are part of the Hull House group. The contractor is willing to undertake this additional work to expedite construction and has submitted a quotation under the same conditions on which bids were received by the Department of Urban Renewal. It is not practicable for the Department to attempt to demolish these buildings within the period of time available without serious danger of delay to the University's construction program and also because of the possibility of complications arising between the University's contractor and the City's demolition contractor working in the same area. The City will reimburse the University for this work.

THE EXECUTIVE COMMITTEE
MR. WAYNE A. JOHNSTON
MRS. FRANCES B. WATKINS
MR. HOWARD W. CLEMENT

On motion of Mrs. Watkins, the action of the Committee was confirmed.

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.

PRESIDENT'S REPORT
President Henry presented a report on selected topics of current interest, copies of which were distributed at the meeting, and a copy was filed with the Secretary of the Board.

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>ARTHUR ROBERT BETZ</td>
<td>St. Louis, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>JOHN MICHAEL CONNOLLY</td>
<td>Chicago, Illinois</td>
<td>District of Columbia</td>
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<tr>
<td>WENDELL H. FINKBEINER</td>
<td>Mt. Prospect, Illinois</td>
<td>Michigan</td>
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<tr>
<td>THOMAS ALBAN JONES</td>
<td>Western Springs, Illinois</td>
<td>North Carolina</td>
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<tr>
<td>RAYMOND FRANCES KIEWIT</td>
<td>Brookfield, Wisconsin</td>
<td>Wisconsin</td>
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<tr>
<td>HERBERT G. SIEPERT</td>
<td>St. Louis, Missouri</td>
<td>Missouri</td>
</tr>
<tr>
<td>RALPH WILLIAM SIMON</td>
<td>Metropolis, Illinois</td>
<td>District of Columbia</td>
</tr>
<tr>
<td>ALLAN WEHRMEYER</td>
<td>Beloit, Wisconsin</td>
<td>Wisconsin</td>
</tr>
<tr>
<td>WALTER JOSEPH ZIMBRICH</td>
<td>Beloit, Wisconsin</td>
<td>District of Columbia</td>
</tr>
</tbody>
</table>

1 concur.

On motion of Mr. Johnston, these certificates were awarded.
APPPOINTMENTS 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. DAVID C. BAUM, Assistant Professor of Law, beginning September 1, 1963, at an annual salary of $10,500.
2. GORDON A. BAYM, Visiting Research Assistant Professor of Physics, for the academic year 1963-64, at a salary of $8,100.
3. WILLIAM E. BELL, Assistant Professor of Marketing, beginning September 1, 1963, at an annual salary of $9,000.
4. NORMAN BLACKBURN, Visiting Associate Professor of Mathematics, for three months from June 16, 1963, at a salary of $3,802.
5. VLASTIMIL P. BORECKY, Visiting Professor of General Engineering, beginning September 1, 1963, at an annual salary of $10,000.
6. HAROLD S. BREIMYER, Visiting Research Professor of Economics and of Agricultural Economics, for one year from July 1, 1963, at a salary of $16,000.
7. MAYNARD J. BRICHFORD, University Archivist in the Library, with rank of Associate Professor, beginning September 1, 1963, at an annual salary of $11,000.
8. IRVING CANTER, Associate Professor in the Jane Addams Graduate School of Social Work, for one month from August 1, 1963, at a salary of $1,222, and beginning September 1, 1963, at an annual salary of $11,000.
9. JOHN W. CHRISTIAN, Visiting Professor in the Department of Mining, Metallurgy, and Petroleum Engineering, for one month from June 16, 1963, at a salary of $1,800.
10. GODWIN C. CHU, Research Assistant Professor in the Institute of Communications Research and Assistant Professor of Journalism, beginning September 1, 1963, at an annual salary of $7,200.
11. CLARK EDWARD CUNNINGHAM, Visiting Assistant Professor of Anthropology, for the academic year 1963-64, at a salary of $7,000.
12. RICHARD DAVENPORT, Assistant Professor of Zoology, beginning September 1, 1963, at an annual salary of $8,500.
13. NICOLAO A. ECONOMOU, Visiting Associate Professor of Physics, beginning September 1, 1963, at an annual salary of $10,400.
14. L. ETHANELLIS, Visiting Professor of History, for the first semester of 1963-64, at a salary of $7,500.
15. ROBERT N. FARVOLDEN, Assistant Professor of Geology, beginning February 1, 1964, at an annual salary of $9,100.
16. VINCENZO FERRARO, George A. Miller Visiting Professor of Astronomy and of Electrical Engineering, for five months from September 1, 1963, at a salary of $6,500.
17. ALBERT P. FOULKES, Assistant Professor of German, beginning September 1, 1963, at an annual salary of $7,000.
18. HYMAN GABAI, Assistant Professor of Mathematics and of Education, University High School, for three months from June 1, 1963, at a salary of $4,273, and beginning September 1, 1963, at an annual salary of $13,000.
19. WILLIAM LEO GAMBLE, Assistant Professor of Civil Engineering, beginning September 1, 1963, at an annual salary of $8,000.
20. HARRY HAILE, Associate Professor of German, beginning September 1, 1963, at an annual salary of $9,500.
21. ROBERT LOUIS HASS, Assistant Professor of Hygiene and Dentist in the Health Service, beginning September 1, 1963, at an annual salary of $12,000.
22. ALDOIS R. HASTREITER, Assistant Professor of Pediatrics, beginning July 1, 1963, on one-half time, at an annual salary of $6,000.
23. PETER H. HAY, Assistant Professor of Law, beginning September 1, 1963, at an annual salary of $11,000.
24. CLAUDE A. HENDRIX, Jr., Assistant Professor of Hygiene, Staff Physician in Health Center and McKinley Hospital, in the Health Service, beginning September 1, 1963, at an annual salary of $15,000.
25. BERTRAM HUPPERT, Visiting Professor of Mathematics, for the academic year 1963-64, at a salary of $14,000.
26. SURESH C. JAIN, Visiting Research Professor of Physics, for two months from July 6, 1963, at a salary of $3,200.
27. Harry M. Johnson, Visiting Professor of Sociology, for the academic year 1963-64, at a salary of $12,000.
28. Mildred Spilker Johnson, Consultant in the Jane Addams Graduate School of Social Work, with rank of Assistant Professor, beginning April 1, 1963, on one-half time, at an annual salary of $5,000.
29. Karl Käfer, Visiting Professor of Accountancy, for the academic year 1963-64, at a salary of $12,000.
30. Harry D. Krause, Assistant Professor of Law, beginning September 1, 1963, at an annual salary of $10,500.
31. John W. Kronik, Assistant Professor of Spanish, Italian, and Portuguese, beginning September 1, 1963, at an annual salary of $9,000.
32. Richard Francis Kuisel, Assistant Professor of History, beginning September 1, 1963, at an annual salary of $7,500.
33. Charlotte L. Lambert, Associate Professor of Physical Education for Women, beginning September 1, 1963, at an annual salary of $10,100.
34. Donald Alfred Markwalder, Assistant Professor of Economics, beginning September 1, 1963, at an annual salary of $9,000.
35. Hugh McLean, Visiting Professor of Russian, for the first semester of the academic year 1963-64, at a salary of $4,500.
36. Duane Metzger, Assistant Professor of Anthropology, for four and one-half months from September 16, 1963, at a salary of $4,100.
37. Robert A. Miller, Associate Professor of Pediatrics, College of Medicine, beginning July 1, 1963, at an annual salary of $9,000.
38. Roger G. Olstad, Visiting Assistant Professor in the Department of Secondary and Continuing Education, for the academic year 1963-64, at a salary of $8,500.
39. Cenap Oran, Assistant Professor of Civil Engineering, beginning September 1, 1963, at an annual salary of $7,800.
40. Betty E. Orr, Visiting Associate Professor in the Department of Educational Psychology, College of Education, beginning September 16, 1963, at an annual salary of $9,500.
41. Harold H. Orvis, Assistant Professor of Preventive Medicine, beginning September 1, 1963, at an annual salary of $18,000.
42. Frazer G. Poole, Professor of Library Administration and Librarian, Chicago Undergraduate Division, beginning September 1, 1963, at an annual salary of $15,000.
43. Morris Priststein, Research Assistant Professor of Physics, beginning September 16, 1963, at an annual salary of $9,000.
44. Thomas M. Scheidel, Associate Professor of Speech and Theatre, beginning September 1, 1963, at an annual salary of $10,000.
45. Herbert I. Schiller, Research Associate Professor in the Bureau of Economic and Business Research, beginning September 1, 1963, at an annual salary of $13,000.
46. Rudolf Schrader, Visiting Associate Professor of Physics, beginning October 1, 1963, at an annual salary of $15,000.
47. Julian L. Simon, Assistant Professor of Advertising, beginning September 1, 1963, at an annual salary of $8,200.
48. Rita J. Simon, Associate Professor of Sociology and Research Associate Professor in the Institute of Communications Research, beginning September 1, 1963, at an annual salary of $7,200.
49. Daniel M. Slate, Research Associate Professor in the Bureau of Economic and Business Research, for two and one-half months from June 15, 1963, at a salary of $3,195.
50. Earl W. Stark, Assistant Professor of Speech and Theatre, beginning September 1, 1963, at an annual salary of $7,500.
51. Marianna Trekell, Assistant Professor in the Department of Secondary and Continuing Education, on three-fourths time, and in the Department of Physical Education for Women, on one-fourth time, beginning September 1, 1963, at an annual salary of $8,200.
52. Priscilla Tyler, Associate Professor of English and Counselor in Teacher Education, beginning September 1, 1963, at an annual salary of $10,200.
53. Constantin D. Uszynski, Assistant Professor of Russian, beginning September 1, 1963, at an annual salary of $7,300.
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54. SHIGUEO WATANABE, Visiting Assistant Professor of Physics, for the academic year 1963-64, on one-third time, at a salary of $3,000.
55. JOSEPH W. WENZEL, Assistant Professor of Speech and Theatre, beginning September 1, 1963, at an annual salary of $7,800.
56. DUANE H. WHITTIER, Visiting Assistant Professor of Philosophy, for the academic year 1963-64, at a salary of $8,000.
57. BRIAN F. WILKIE, Assistant Professor of English, beginning September 1, 1963, at an annual salary of $7,500.
58. MARTIN L. ZEICLER, Assistant Provost and Director of Institutional Studies, with rank of Associate Professor, in the Office of the Executive Vice-President and Provost, beginning July 1, 1963, at an annual salary of $18,500.

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

DEPARTMENT OF FOOD TECHNOLOGY

(3) The Department of Food Technology, the Executive Committee, and the Dean of the College of Agriculture recommend a change in the name of the Department to Department of Food Science. This change will apply only to the name of the Department and will not change the curricula, courses, or degrees. Food Technology courses will become Food Science courses and the degrees granted will be in Food Science instead of Food Technology.

I concur.

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

HOSPITAL-MEDICAL SERVICE PLAN.
CHICAGO UNDERGRADUATE DIVISION

(4) Based on a recent survey of the academic staff by the Chicago Undergraduate Senate Committee on Retirement, Hospitalization, and Insurance, this Committee recommended to the Chicago Undergraduate Division Senate that the Blue Cross-Blue Shield program be discontinued and that the University of Illinois Hospital and Medical Service Plan be adopted effective October 1, 1963. The Chicago Undergraduate Division Senate approved this recommendation at their meeting on April 9, 1963.

The Nonacademic Employees Council of the Chicago Undergraduate Division also approved the adoption of the University of Illinois Hospital and Medical Insurance Plan. This approval was based upon the results of a questionnaire sent to all nonacademic employees by the Nonacademic Employees Council under date of April 23, 1963.

The Vice-President in charge of the Undergraduate Division and the Vice-President and Comptroller concur in recommending adoption of the University of Illinois Hospital and Medical Service Plan at the Chicago Undergraduate Division effective October 1, 1963.

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

WORKING CASH FUNDS, CHICAGO DIVISIONS

(5) The Board of Trustees has authorized a working cash fund for the University of Illinois at the Medical Center, Chicago, and petty cash funds for the Medical Center and for the Chicago Undergraduate Division. The working cash fund is used for processing vouchers drawn on state appropriations in cases when there is inadequate time to follow the normal procedures of payment through the State Auditor. Reimbursements of expenditures made from the working cash fund are by vouchers processed against state appropriations.

Petty cash funds are used for the establishment of small cash funds in departments, advances to staff traveling on University business, and payment of salaries which are due but which, because of state processing schedules, were not included on regular payrolls. For the latter, reimbursement of the petty cash fund is secured through processing routine payrolls.

It has been found that the amount allocated for working cash funds in Chicago has been greater than that needed and that petty cash funds have been inadequate. The Vice-President and Comptroller recommends the following changes in these fund authorizations:
From | To
--- | ---
Medical Center Working Cash Fund | $100,000 | $50,000
Medical Center Petty Cash Fund | 30,000 | 60,000
Undergraduate Division Petty Cash Fund | 15,000 | 35,000
145,000 | 145,000

I concur.

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

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(6) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations and assignments of funds from the University General Reserve:

**Urbana-Champaign**

1. Health Service
   McKinley Hospital, overbed tables and wall closets | $5,852
2. College of Liberal Arts and Sciences
   Department of Chemistry and Chemical Engineering, equipment | $5,146
   Department of Physiology and Biophysics, equipment (to match a grant from the National Science Foundation) | 25,707
   Department of Psychology, equipment (to match a grant from the National Science Foundation) | 24,980
   Department of Chemistry and Chemical Engineering, equipment (to match a grant from the National Science Foundation) | 25,000
3. Physical Plant Department
   Remodeling rifle range and office space in Armory | $17,680
   Remodeling building at 807 South Lincoln Avenue for College of Veterinary Medicine | 5,115
   Remodeling in Animal Sciences Laboratory for Department of Dairy Science | 4,385
   Remodeling paleontological laboratory of Department of Geology | 11,200
   Air conditioning, and moving of houses at 606 and 606 ½ South Mathews Avenue to 1205 West Nevada Street to provide additional land for construction of East Chemistry Building | 59,000
   Remodeling in Horticulture Field Laboratory for Departments of Plant Pathology and Horticulture | 23,310
   Electrical service for window air conditioners in David Kinley Hall | 18,480
   Remodeling and air conditioning to convert Woodshop into research space for Department of Civil Engineering | 47,740
   Renovation of ventilation system in Chemistry Annex laboratories for Department of Chemistry and Chemical Engineering (this assignment is in addition to $16,900 presently available) | 28,510
   Total | $322,485

I concur.

On motion of Mr. Swain, these appropriations were made by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

**ASSIGNMENT OF FUNDS BY ATHLETIC ASSOCIATION**

(7) The Board of Directors of the Athletic Association has approved an assignment of $5,000 to supplement the contribution of the Athletic Association to the Grants-in-Aid Fund of the University of Illinois Foundation for athletic grants. Confirmation of this action is requested.

On motion of Mr. Pogue, this action was confirmed.

**CONTRACTS FOR MINOR BUILDING ALTERATIONS AND REPAIRS**

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of cost-plus contracts with the following contractors
for minor building alterations, repairs, and construction work for the period July 1, 1963, through June 30, 1964.

General — Clarence H. Siems, doing business as Clarence H. Siems Company, Urbana

Electrical — Brunkow Electric Company, Champaign

Plumbing — Willis H. and W. C. Thomas, a partnership doing business as Thomas Plumbing and Heating Company, Urbana

Heating and Ventilating — R. H. Bishop Company, Champaign

These contracts are for work which does not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project. The several contractors bid on percentages to be added to actual material, labor, and subcontract costs, depending in many cases on the size of the particular division of work with specified limits of four ranges.

Work will be done as ordered by the Physical Plant Department and will be paid for on the basis of the actual cost of each job plus contractors' fees. A schedule of bids taken showing the percentages to be added for work to be executed under these cost-plus contracts is submitted herewith, and a copy of the schedule is being filed with the Secretary of the Board for record as the basis for the contract awards recommended. No assignment of funds is requested and each job will be covered by a contract change order charged against funds allocated for the project.

It is further recommended that the Vice-President and Comptroller be authorized to approve orders under these contracts up to $25,000 on each project provided that any orders exceeding this amount shall be submitted to the Board of Trustees for approval in advance, in accordance with previous practice and authorization.

I concur.

On motion of Mrs. Watkins, these contracts were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACT FOR PLASTERING, PLASTER PATCHING AND REPAIRS, AND ACOUSTICAL WORK

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a cost-plus contract to George S. Grimmett, doing business as George S. Grimmett and Company, Springfield, the lowest bidder, for plastering, plaster patching and repairs, and acoustical work during the fiscal year ending June 30, 1964, on the basis of a contractor's fee of 13.9 per cent of all actual job costs as determined by itemized billing.

I concur.

On motion of Mr. Johnston, this contract was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACT FOR CONSTRUCTION OF DAIRY HERDSMAN'S COTTAGE ADDITION

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $7,081 to C. P. Bauman and Son, Champaign, the lowest bidder, for construction of an addition to, and minor remodeling in, the Dairy Herdsman's Cottage on the South Lincoln Avenue Farm. Dairy Science Department funds are available for this improvement.

I concur.

On motion of Mr. Pogue, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.
CONTRACTS FOR CONSTRUCTION OF VETERINARY MEDICINE
RESEARCH ANNEX ADDITION

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of an addition to the Veterinary Medicine Research Annex, the award in each case to the lowest bidder:

General — Pathman Construction Co., Chicago........................... $194 281
  Base bid ........................................ $186 981
  Additive alternate for revisions on the first floor........... 2 700
  Additive alternate for assignment of other contracts........ 4 600

Laboratory Furniture — Laboratory Furniture Company, Inc., Mineola, New York.......................... 19 772
  Base bid ........................................ $ 9 171
  Additive alternate for revisions in installation in Room 6a. 1 481
  Additive alternate for installation of aluminum distilled water valves ........................................ 120

Dumbwaiter — Otis Elevator Company, Chicago........................ . 5 913

Electrical — G. L. Wilskey, an individual doing business as Downtown Electric, Urbana........... 19 505
  Base bid ........................................ $ 9 025
  Additive alternate for revisions in the first floor......... 561
  Additive alternate for work on monorail system.................. 1 249
  Additive alternate for installation of electrical outlets for laboratory furniture in Room 6a...... 876
  Additive alternate for connection of laboratory service fixtures in the additional laboratory furniture in Room 6a.......................... 287
  Additive alternate for distilled water piping to Room 6a... 136

Heating, Piping, and Refrigeration — R. H. Bishop Company, Champaign................................. 44 453
  Base bid ........................................ $ 43 700
  Additive alternate for installation of distilled water still... 753

Ventilating and Sheet Metal Work — Petry Roofing and Sheet Metal Company, Champaign............ 27 237

Total........................................................................ $332 170

It is also recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract $332,170, and it is further recommended that an agreement be entered into with Pathman Construction Co., Chicago, for the assignment of these other contracts for $4,600, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available from a grant to the University from the National Institutes of Health, state capital appropriations to the University for 1961-63 from the Universities Building Fund, which have been released, and from indirect costs on government contracts for research related to this project.

Submitted herewith is a report from the Physical Plant Department, including a summary of bids received, a copy of which is being filed with the Secretary of the Board.

I concur.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.
CONTRACTS FOR CONSTRUCTION OF REHABILITATION CENTER

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the first phase of the Rehabilitation Center Building to be erected at the northwest corner of Stadium Drive and Oak Street, Champaign, the award in each case being to the lowest bidder:

General — A. F. Krall Construction Company, Inc., Decatur $526,030
  Base bid $496,247
  Additive alternate for assignment of other contracts $14,000
  Additive alternate for extension of basement under un-excavated areas $19,883
  Deductive alternate for substituting painting for vinyl covering on wall surfaces $4,100

Electrical — Square Deal Electrical Contracting, Inc., Urbana 72,035
  Base bid $71,000
  Additive alternate for extension of basement under un-excavated areas 1,035

Plumbing — David William Reichard and David Warren Reichard, a partnership doing business as David W. Reichard Plumbing and Heating, Urbana 77,800
  Base bid $76,000
  Additive alternate for extension of basement under un-excavated areas 1,800

Heating — Healy Plumbing and Heating Company, St. Paul, Minnesota 99,412
  Base bid $98,235
  Additive alternate for extension of basement under un-excavated areas 1,177

Ventilating — R. H. Bishop Company, Champaign 81,136
  Base bid $75,800
  Additive alternate for extension of basement under un-excavated areas 5,336

Total $856,413

It is also recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract $856,413 and it is further recommended that an agreement be entered into with A. F. Krall Construction Company, Inc., Decatur, for the assignment of these other contracts for $14,000, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

If the foregoing recommendations are approved, the Director of the Physical Plant and the Vice-President and Comptroller also recommend an increase of $3,456 in the contract with A. F. Krall Construction Company, Inc., Decatur, for the purchase and installation of lockers for dressing rooms. This change in the contract was negotiated after the receipt of bids; one-third of the cost of this installation will be paid from a federal grant for the project.

Funds are available in a grant from the United States Public Health Service (Public Health Service III. 164), from private donations, and in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, and have been released.

I concur in the foregoing recommendations, subject to final approval of the federal grant by the United States Public Health Service.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, and the increase in the general contract was authorized, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACT FOR CONSTRUCTION OF MATERIALS RESEARCH LABORATORY, PHASE I

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for $167,163 to the Pathman Construction
Co., Chicago, the lowest bidder, for Phase I construction of the Materials Research Laboratory. Phase I will consist of sheet piling the sides of the Boneyard Creek through the site and the provision of additional supporting piles for and the construction of slabs over the Boneyard to support a three-story connecting link between the Materials Research Laboratory and the present Physics Building. The contract will also include construction of a paved delivery and service area over another part of the Boneyard Creek.

Initiating Phase I at this time will meet the construction time schedule proposed in the prospectus submitted to the Advanced Research Projects Agency (ARPA) and the United States Atomic Energy Commission, which agencies will participate in amortizing the costs of the laboratory. Construction on Phase II is tentatively scheduled to start in October, 1963.

The Board has approved a proposal to the Illinois Building Authority to finance construction of the Materials Research Laboratory, but in the event that this first phase of the project can not be so financed, funds will be available from the state capital appropriations to the University for 1963-65 subject to release, or from indirect costs received from materials research contracts.

I concur and recommend that $210,000 from undistributed indirect costs derived from Materials Research Laboratory contracts be reserved to finance the construction of Phase I, as needed. The difference between this figure and the Pathman contract is to cover other construction costs.

On motion of Mr. Swain, this contract was awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dillard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACTS FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM, URBANA

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts, subject to availability of funds, for extensions of the utilities distribution system for additional services to the Materials Research Laboratory, the Electrical Engineering Building, the Education Building, and the Illinois Street Residence Halls, the award in each case being to the lowest bidder:

Steam Tunnel to Materials Research Laboratory
- Dean Evans Company, Champaign

Tunnel Piping Work for Extension of Steam Service — The J. A. Julian Company, Chicago

Base bid which included only a 12-inch low-pressure steam main and a 4-inch condensate main, the bare minimum for steam service. $ 77 940
Additive alternate (A) for the addition of a 6-inch high-pressure steam main. 9 988
Additive alternate (B) for the addition of an 8-inch utility pressure steam main. 11 910
Additive alternate (C) for a 4-inch high-pressure underground steam conduit connecting tunnel steam to an existing high-pressure main at the Mining and Metallurgy Laboratory to enable high-pressure steam service from two directions. 12 892
Additive alternate (D) for the addition of an 8-inch low-pressure underground steam conduit connecting tunnel steam to an existing low-pressure main at the Mining and Metallurgy Laboratory to enable low-pressure steam service from two directions. 19 648

Thermal Insulation for Piping System for Steam Service — Sprinkmann Sons Corporation of Illinois, Peoria

Base bid for thermal insulation for the piping to be installed under alternates included in the tunnel piping work:
Alternate A $ 10 622
Additive alternates for thermal insulation for the piping to be installed under alternates included in the tunnel piping work:

Extension of Steam Service to Electrical Engineering Building for Air Conditioning

Underground Steam Piping Work — Robert Gordon, Inc., Chicago...

Base bid

Additive alternate for compact layers of clay topped with eight inches of top soil to prevent drowning out of clays above the steam main...

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

Additions to Underground Facilities for Education Building

Storm Sewer — George S. Walker Plumbing and Heating, Inc., Decatur...

Base bid

Additive alternate for the construction of a 12-inch storm sewer to be diverted around present building construction...

Water Mains — Cross Construction, Inc., Urbana...

Total, Education Building...

Funds are available in the construction budget and have been released.

Additions to Underground Facilities for the Illinois Street Residence Halls

Sanitary and Storm Sewers — Elton A. Wagner Company, Danville...

Water — George S. Walker Plumbing and Heating, Inc., Decatur...

Base bid providing for the extension of an 8-inch main with fire hydrants on the south side of Green Street from the Student-Staff Apartments east to the west side of Gregory Place and a 12-inch main on the west side of Goodwin Avenue from Green Street south to Illinois Street and an 8-inch main from the intersection of Illinois Street and Goodwin Avenue east to Gregory Place...

Additive alternate for the substitution of ductile iron pipe for the 12-inch main in place of cast iron pipe...

Additive alternate for the provision of an additional extension of the 8-inch water main under the existing steam tunnel in Goodwin Avenue if it is determined during construction that there is not sufficient clearance to go over the steam tunnel...

Underground Steam Tunnel and Electrical Ductruns — Oran L. Shoemaker and Company, Champaign...

Piping System for Steam Services — George S. Walker Plumbing and Heating, Inc., Decatur...

Base bid

Additive alternate for the installation of an 8-inch utility pressure steam main which can be used as either a low-pressure or high-pressure steam main and which will operate normally as a low-pressure steam main to reduce the pressure drop in the low-pressure steam system...

Thermal Insulation for Piping for Steam Services — Sprinkmann Sons Corporation of Illinois, Peoria...

Base bid

Additive alternate for thermal insulation for additional 8-inch utility pressure steam main...
Electrical Work for Steam and Electric Service — Kuhne-Simmons Company, Inc., Champaign ........................................ 11,600

Total, Illinois Street Residence Halls ................................ $395,641

Funds for the additional utilities distribution system servicing the Illinois Street Residence Halls have been requested in the 1963-65 capital appropriation to the University. In the event funds are not made available and released, a subsequent recommendation will be submitted to the Board on the funding of these projects.

Attached are reports from the Physical Plant Department of these projects, including schedules of bids received, copies of which are being filed with the Secretary of the Board.

I concur in the above recommendations.

On motion of Mr. Williamson, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACTS FOR REMODELING RESEARCH AND EDUCATIONAL HOSPITALS

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for the remodeling of the surgery areas on the fourth floor of the Research and Educational Hospitals, the award in each case being to the lowest bidder:

| General — Mutual Contracting Company, Chicago | $103,153 |
| Base bid | $100,919 |
| Additive alternate for service charge for supervision of other contracts assigned to this contractor | $2,234 |

Plumbing — Peter H. Smith Company, Chicago ........................................ 10,666
Heating — National Korectaire Company, Chicago ................................. 56,738
Ventilating and Air Conditioning — Manor Sheet Metal, Inc., Skokie .... 20,445
Electrical — Fries-Walters Company, Chicago ...................................... 38,497

Total ........................................................ $229,499

The work will consist of the improvement of the surgical facilities on the fourth floor of the General Hospital and in the adjacent areas of the Hospitals Addition. With only six major operating rooms in the Hospitals Addition supplemented by a major and a minor operating room in the Illinois Neuropsychiatric Institute and two minor operating rooms in the General Hospital, there is a major requirement for an increase in surgical facilities. This project will provide three additional operating rooms with the necessary auxiliary facilities.

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for that work, making the total of his contract price $229,499; and that an agreement be entered into with Mutual Contracting Company for the assignment of these other contracts for $2,234, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

A schedule of all bids received is submitted herewith and a copy is being filed with the Secretary of the Board.

I concur.

On motion of Mrs. Watkins, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACTS FOR REPLACEMENT OF EXISTING DUCTWORK IN MEDICAL RESEARCH LABORATORY

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for replacement of existing ductwork in the
Virology Laboratories (Systems E2, E3, and E6) of the Medical Research Laboratory, the award in each case being to the lowest bidder:

General — Mutual Contracting Company, Chicago .......................... 3 699
  Base bid .............................. 1 867
  Additive alternate for replacement of existing ductwork in System E6  1 832
Ventilating — Zack Company, Chicago ........................................ 15 549
  Base bid ................................. 3 631
  Additive alternate for service charge for supervision of other contracts assigned to this contractor  596
  Additive alternate for providing bypass connection between Systems E2, E3, and E6  745
  Additive alternate for replacement of existing ductwork in System E6  8 577

Heating, Refrigeration, and Temperature Controls — North Town Refrigeration Corporation, Chicago .......................... 4 600
  Base bid ................................. 1 600
  Additive alternate for providing bypass connection between Systems E2, E3, and E6  4 000
Electrical — Hyco Electric Company, Chicago .......................... 3 609
  Base bid ................................. 1 843
  Additive alternate for providing bypass connection between Systems E2, E3, and E6  231
  Additive alternate for replacement of existing ductwork in System E6  1 535

Total .................................................. 27 457

The work will consist of replacing the ductwork on three exhaust systems from three Virology Laboratory rooms to their respective air incinerators. The new ductwork will be of stainless steel and airtight construction. The improvement will prevent the escape of disease bacteria contagious to humans and permit chemical sterilization of the exhaust systems.

It is further recommended that all contracts other than the contract for ventilation work be assigned to the contractor for that work, making the total of his contract price $27,457; and that an agreement be entered into with the Zack Company for the assignment of these other contracts for $596, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the contractor for the ventilation work.

Funds for this work are available from a Board appropriation, Medical Research Laboratory, Replacement of Ducts.

A schedule of all bids received is submitted herewith and a copy is being filed with the Secretary of the Board.

I concur.

On motion of Mr. Pogue, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACTS FOR CONSTRUCTION OF HEATING PLANT AT CONGRESS CIRCLE

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of the Heating Plant at the Congress Circle campus, the award in each case being to the lowest bidder:

General (Division I) — Ragnar Benson, Inc., Chicago .......................... 956 353
  Base bid ................................. 969 963
  Additive alternate for assignment of plumbing work and ventilating and air-conditioning systems  2 500
  Deductive alternate for changing basement walls and floor in base bid from construction designed to withstand water pressure to regular construction and added drainage to relieve water pressure  — 16 110
Plumbing (Division II) — O'Callaghan Bros., Inc., Chicago .......... 23,980
Piping, Miscellaneous Equipment, Thermal Insulation (Division III) —
S. J. Reynolds Company, Inc., Cicero .......................... 497,675
Ventilating and Air-Conditioning Systems (Division IV) — Zack Com-
pany, Chicago ............ 17,500
Electrical (Division V) — Fischbach, Moore, and Morrissey, Inc., Chi-
cago .................................................. 143,300

Total ........................................ $1,638,808

It is also recommended that the plumbing contract and the ventilating and air-
conditioning systems contract be assigned to the contractor for general work,
making the total of his contract $997,833; and it is further recommended that an
agreement be entered into with Ragnar Benson, Inc., Chicago, for the assign-
ment of these other contracts for $2,500, which amount is included in the contract price,
being the amount bid by the Company for service charge for supervision of other
contracts assigned to the general contractor.
Funds are available in the state capital appropriations to the University for
1961-63 from the Universities Building Fund and have been released.
Submitted herewith is a supporting report from the Physical Plant Depart-
ment, including schedules of all bids received, a copy of which is being filed with
the Secretary of the Board.
I concur.

On motion of Mr. Swain, these contracts were awarded, as recom-
mended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr.
Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no,
none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONGRESS CIRCLE UNION BONDS
(18) Five bids were received at 11:00 a.m. June 18, 1963, in the Illini Center,
LaSalle Hotel, Chicago, for the sale of $6,800,000 of Congress Circle Union Bonds
of 1963, Series A. Bids were received at the same time for certain maturities of
$4,000,000 Congress Circle Union Bonds of 1963, Series B, to finance construction
of the Congress Circle Union Building and parking lots.
The Vice-President and Comptroller recommends that the Series A bonds be
sold to White, Weld, and Company and associates, Chicago, at a price of $6,759,326,
plus accrued interest and at an effective interest rate of 3.50423 per cent; that
$2,780,000 of Series B bonds maturing in 1969 through 1988 be sold to Halsey,
Stuart, and Company, Inc., and associates at a price of $2,780,695, plus accrued
interest and at an effective interest rate of 3.48892 per cent. These bids represent
the lowest interest cost to the University.
A schedule of all bids received, a copy of which is being filed with the Secre-
tary of the Board for record, is presented.
The Vice-President and Comptroller presents a Loan Agreement [Contract
No. H(402)-868] with the Federal Housing and Home Finance Agency and
recommends that he be authorized to execute it. In accordance with the provisions
of the Loan Agreement, he recommends that $1,220,000 Series B bonds maturing
in 1989 through 1993 be sold to the Housing and Home Finance Agency at par and
accrued interest and at an interest rate of 3½ per cent, since no equal or more
favorable bid was received for these maturities.
The Vice-President and Comptroller also presents the Congress Circle Union
Bond Resolution authorizing $6,800,000 Congress Circle Union Bonds of 1963,
Series A, and $4,000,000 Congress Circle Union Bonds of 1963, Series B, and
recommends its adoption.
He further recommends that the Board (1) authorize the execution of the
bonds by A. J. Janata, Secretary of the Board, by 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, and (2) ratify and confirm all
actions taken or to be taken by the officers and members of the Board in connec-
tion with the sale and delivery of the bonds to the purchasers indicated above.
I concur in all the foregoing recommendations.

On motion of Mr. Williamson, these recommendations were ap-
proved and the Congress Circle Union Bond resolution was adopted
by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

Resolution Authorizing $10,800,000 Congress Circle Union Bonds,
Series A and B of 1963
$6,800,000 Congress Circle Union Bonds of 1963, Series A
$4,000,000 Congress Circle Union Bonds of 1963, Series B

A Resolution Authorizing and Providing for the Issuance of Revenue Bonds for the Purpose of Paying the Cost of Acquiring, Constructing, and Equipping the Congress Circle Union Building and Parking Facilities in the City of Chicago, 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 a Union Building, and to construct parking facilities on the Congress Circle campus of the University. (Said Union Building and parking facilities are hereinafter sometimes called the “building,” “facilities” or “Project”); 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, 1961, 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, Secretary, Treasurer or 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 terms “facilities,” “Project,” and “building” 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.

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 net income for the preceding fiscal year of all revenue producing facilities pledged for the payment of Bonds; plus

(b) 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
(c) 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
(d) the net income during the preceding fiscal year from investments of funds in the Congress Circle Union Bond and Interest Sinking Fund 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 at an amount adjusted as hereinafter provided) all operating expenses or estimated operating expenses for such period and the amounts required to be credited to the Improvement and Replacement Reserve. Also, for all purposes of this definition, student service charges shall be included in net income at an amount which is based on the reasonable estimate of anticipated student enrollment for the year for which the computation is made, that is to say that in computing Net Income Available for Debt Service for any future year, the amount of student service charges included in gross revenues shall (regardless of actual receipts for any current or preceding fiscal year) be appropriately adjusted for each such year to reflect the reasonable estimate of anticipated student enrollment for each such year but shall assume that such student service charges will remain unchanged from the then current rate per student. Other revenues and operating expenses of facilities to be constructed 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, and whose certificate shall be accompanied by a certificate signed by a nationally recognized 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.

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, reasonable repairs necessary to properly maintain such facilities (including reasonable reserves therefor), taxes (if any), fees and expenses of the depository and paying agents and any expenses required to be paid pursuant to this Resolution but excluding depreciation, provisions for the Improvement and Replacement Reserve hereinafter provided, and all general administrative expenses of the University.

The term "student service charge" shall mean any student fee or portion thereof assessed against students enrolled at the Congress Circle campus of 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.

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 the Continental Illinois National Bank and Trust Company of Chicago or its successors in the City of Chicago, Illinois, and shall also mean the Morgan Guaranty Trust Company of New York or its successors in the Borough of Manhattan and City and State of New York and shall also mean the Bank of America N.T.&S.A. in the City of San Francisco and State of California.

The term "depository" and the term "Registration Agent" shall mean the Continental Illinois National Bank and Trust Company of Chicago or its successor in the City of Chicago, Illinois.

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.
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:

1. The Congress Circle Union, consisting of a four-story building and a ten-story building with a connecting link at the three lower floors and located west of Halsted Street near Polk Street in the City of Chicago, Illinois; and
2. Parking lots for approximately 2,400 cars.

The estimated cost of said Project is $13,460,000, including land, and the estimated cost of each portion of said Project is more fully set forth in the plans and specifications therefor on file with the University Architect.

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 Ten Million Eight Hundred Thousand Dollars ($10,800,000) and in evidence thereof to issue its Congress Circle Union Bonds hereunder in said principal amount.

It is hereby determined that the cost of the project in excess of the amount to be borrowed can be provided from appropriations made by the General Assembly of the State of Illinois for the construction of buildings on the Congress Circle Campus of the University.

SECTION 2.03. Terms of Series A and B of 1963 Bonds. The Bonds to be initially issued hereunder shall be substantially in the form and of the tenor and purport hereinafter set forth and limited to the aggregate principal amount of Ten Million Eight Hundred Thousand Dollars ($10,800,000) at any one time outstanding. Six Million Eight Hundred Thousand Dollars ($6,800,000) of which shall be designated "The Board of Trustees of the University of Illinois Congress Circle Union Bonds of 1963, Series A" (hereinafter called "1963 Series A Bonds") and the remaining Four Million Dollars ($4,000,000) principal amount thereof shall be designated "The Board of Trustees of the University of Illinois Congress Circle Union Bonds of 1963, Series B" (hereinafter called "1963 Series B Bonds").

The Series A Bonds and the Series B Bonds shall be issued as negotiable coupon bonds dated April 1, 1963, registrable as to principal in the denominations of $5,000 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, 1963, in which case they shall be dated April 1, 1963. Each fully registered Bond without coupons shall be of a single maturity. 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 $5,000 or multiples thereof. Bonds shall bear interest from April 1, 1963, payable semi-annually on the first days of April and October in each year until paid, commencing October 1, 1963, at the rates provided below and shall mature in the following amounts on October 1, of the following years:

<table>
<thead>
<tr>
<th>Maturity Dates</th>
<th>Series A Bonds Principal Amount</th>
<th>Interest Rate</th>
<th>Series B Bonds Principal Amount</th>
<th>Interest Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>1969</td>
<td>$80,000</td>
<td>5%</td>
<td>$40,000</td>
<td>5%</td>
</tr>
<tr>
<td>1970</td>
<td>90,000</td>
<td>5%</td>
<td>50,000</td>
<td>5%</td>
</tr>
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<td>1971</td>
<td>100,000</td>
<td>5%</td>
<td>50,000</td>
<td>5%</td>
</tr>
<tr>
<td>1972</td>
<td>110,000</td>
<td>5%</td>
<td>60,000</td>
<td>5%</td>
</tr>
<tr>
<td>1973</td>
<td>160,000</td>
<td>5%</td>
<td>80,000</td>
<td>3 3/4%</td>
</tr>
<tr>
<td>Maturity Dates</td>
<td>Series A Bonds</td>
<td>Series B Bonds</td>
<td></td>
<td></td>
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<tr>
<td>---------------</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Principal Amount</td>
<td>Interest Rate</td>
<td>Principal Amount</td>
<td>Interest Rate</td>
</tr>
<tr>
<td>1974</td>
<td>$220,000</td>
<td>5%</td>
<td>$110,000</td>
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<td>1975</td>
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<td>1976</td>
<td>240,000</td>
<td>4.5%</td>
<td>130,000</td>
<td>3%</td>
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<tr>
<td>1977</td>
<td>250,000</td>
<td>4.5%</td>
<td>140,000</td>
<td>3.4%</td>
</tr>
<tr>
<td>1978</td>
<td>250,000</td>
<td>4.5%</td>
<td>150,000</td>
<td>3.4%</td>
</tr>
<tr>
<td>1979</td>
<td>260,000</td>
<td>3.2%</td>
<td>160,000</td>
<td>3.4%</td>
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<tr>
<td>1980</td>
<td>270,000</td>
<td>3.2%</td>
<td>160,000</td>
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<td>280,000</td>
<td>3.2%</td>
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<tr>
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<td>290,000</td>
<td>3.2%</td>
<td>170,000</td>
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<tr>
<td>1983</td>
<td>300,000</td>
<td>3.2%</td>
<td>180,000</td>
<td>3.4%</td>
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<tr>
<td>1984</td>
<td>310,000</td>
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<td>1985</td>
<td>320,000</td>
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<td>190,000</td>
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<tr>
<td>1986</td>
<td>340,000</td>
<td>3.2%</td>
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<td>3.4%</td>
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<td>1987</td>
<td>350,000</td>
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<td>210,000</td>
<td>3.4%</td>
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<tr>
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<td>360,000</td>
<td>3.2%</td>
<td>220,000</td>
<td>3.4%</td>
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<tr>
<td>1989</td>
<td>370,000</td>
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<td>230,000</td>
<td>3.4%</td>
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<tr>
<td>1990</td>
<td>390,000</td>
<td>3.2%</td>
<td>240,000</td>
<td>3.4%</td>
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<tr>
<td>1991</td>
<td>400,000</td>
<td>3.2%</td>
<td>240,000</td>
<td>3.4%</td>
</tr>
<tr>
<td>1992</td>
<td>410,000</td>
<td>3.2%</td>
<td>250,000</td>
<td>3.4%</td>
</tr>
<tr>
<td>1993</td>
<td>420,000</td>
<td>1.2%</td>
<td>260,000</td>
<td>3%</td>
</tr>
</tbody>
</table>

$6,800,000 $4,000,000

The 1963 Series A and B 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 April 1, 1971, solely from surplus monies in the Congress Circle Bond Fund, after the debt service reserve provided in Section 5.02 has been fully established and all provisions of Section 5.02 have been met and all deficiencies made up, in the inverse order in which they mature, at the principal amount thereof, together with interest accrued to the date of redemption plus a premium equal to the following percentages of such principal amount if redeemed during the following periods respectively:

**Period of Redemption**

<table>
<thead>
<tr>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1, 1971 through October 1, 1972</td>
</tr>
<tr>
<td>April 1, 1973 through October 1, 1977</td>
</tr>
<tr>
<td>April 1, 1978 through October 1, 1982</td>
</tr>
<tr>
<td>April 1, 1983 and thereafter without premium</td>
</tr>
</tbody>
</table>

The 1963 Series A and B Bonds shall also be redeemable (under circumstances not included in the foregoing paragraph), either in whole or in part, prior to their maturity at the option of the Board of Trustees on any interest payment date on and after, but not prior to April 1, 1973, in 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:

**Period of Redemption**

<table>
<thead>
<tr>
<th>Applicable Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1, 1973 through October 1, 1977</td>
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<tr>
<td>April 1, 1983 through October 1, 1987</td>
</tr>
<tr>
<td>April 1, 1988 and thereafter without premium</td>
</tr>
</tbody>
</table>

**Section 2.04. Payment of Principal and Interest.** Both the principal of and the interest on the 1963 Series A and 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 Continental Illinois National Bank and Trust Company of Chicago, in the City of Chicago, Illinois, or at the Morgan Guaranty Trust Company of New York in the Borough of Manhattan and City and State of New York or at the Bank of America N.T.&S.A. in the City of San Francisco, California.

**Section 2.05. Form of Bonds.** The definitive coupon 1963 Series A and B Bonds, the interest coupons to be attached thereto, the form of fully registered
1963 Series A and B 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
CONGRESS CIRCLE UNION BOND

Series ........... of 1963

Number...........................................

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 Congress Circle Union Bond Fund, as hereinafter provided for, and not otherwise, the principal sum of FIVE THOUSAND DOLLARS ($5,000), 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, 1963, and semiannually 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 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 Continental Illinois National Bank and Trust Company of Chicago, in the City of Chicago, Illinois, or at the Morgan Guaranty Trust Company of New York in the Borough of Manhattan and City and State of New York or at the Bank of America N.T.&S.A. in the City of San Francisco, California.

This bond is one of an initial authorized series of .............................................. Dollars ($....................) principal amount of Congress Circle Union Bonds of 1963, Series ................., which with the 1963 Series ................. Bonds constitute an issue of Ten Million Eight Hundred Thousand Dollars ($10,800,000) 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 June 19, 1963, for the purpose of providing funds for paying the cost of constructing and equipping a Union Building and parking facilities at the University of Illinois at Congress Circle (herein called the "Project") 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 or after, but not prior to April 1, 1971, solely from surplus moneys in the Congress Circle Bond Fund, after the debt service reserve provided in Section 5.02 of the Resolution has been fully established and all provisions of Section 5.02 of the Resolution have been met and all deficiencies made up, in the inverse order in which they mature, at the principal amount thereof, together with interest accrued to the date of redemption plus a premium equal to the following percentages of such principal amount if resumed during the following periods respectively:

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<tbody>
<tr>
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<td>2%</td>
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<tr>
<td>April 1, 1978 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 (under circumstances not included in the foregoing paragraph), either in whole or in part, prior to their
maturity at the option of the Board of Trustees on any interest payment date on and after, but not prior to April 1, 1973, 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:

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<td>1%</td>
</tr>
<tr>
<td>April 1, 1988 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>

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, 1961, 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 Congress Circle Union 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) student service charges (as defined in the Resolution) for the use of the facilities. 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 Registration Agent in the City of 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 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, any paying agent, the Registration Agent and any other person 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 $5,000 and as registered bonds without coupons in the denomination of $5,000 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 office of the Registration Agent 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 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, student service charges and other charges for the use of said facilities and to maintain and collect rents and student service charges and other charges 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 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, 1963.

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 Continental Illinois
National Bank and Trust Company of Chicago, in the City of Chicago, Illinois,
or at the option of the holder at the Morgan Guaranty Trust Company of New
York in the Borough of Manhattan and City and State of New York, or at the
Bank of America N.T.&S.A. in the City of San Francisco, California, as pro-
vided in the Congress Circle Union Bond of 1963, Series .........................................
dated April 1, 1963, Number ..............................

Secretary

(Form for Registration of Coupon Bond)

Date of Name of Signature of
Registration Registered Owner Registrar

...........................................................................
...........................................................................
...........................................................................

(Form of Registered Bond Without Coupons)

UNITED STATES OF AMERICA

STATE OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

CONGRESS CIRCLE UNION BOND

Series ........................ of 1963

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 Congress Circle Union 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 University), at the rate of ........................................ per cent
(........% per annum, payable October 1, 1963, and semiannually 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 Continental Illinois National Bank and Trust Company of Chicago, in the
City of Chicago, Illinois, or at the Morgan Guaranty Trust Company of New
York in the Borough of Manhattan and City and State of New York or at the
Bank of America N.T.&S.A. in the City of San Francisco, California.

This bond is one of an initial authorized series of .................................. principal amount of Congress Circle Union
Bonds of 1963, Series ............., which with the 1963 Series ............. Bonds constitute
an issue of Ten Million Eight Hundred Thousand Dollars ($10,800,000), 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 June 19,
1963, for the purpose of providing funds for paying the cost of constructing and
equipping a Union Building and parking facilities at the University of Illinois
at Congress Circle (herein called the "Project") 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 April 1, 1971, solely from surplus moneys in the Congress Circle Bond Fund, after the debt service reserve provided in Section 5.02 of the Resolution has been fully established and all provisions of Section 5.02 of the Resolution have been met and all deficiencies made up, in the inverse order in which they mature, at the principal amount thereof, together with interest accrued to the date of redemption plus a premium equal to the following percentages of such principal amount if redeemed during the following periods respectively:

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<td>1%</td>
</tr>
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<td>April 1, 1983 and thereafter without premium</td>
<td></td>
</tr>
</tbody>
</table>

The bonds of this series are also redeemable (under circumstances not included in the foregoing paragraph), either in whole or in part, prior to their maturity at the option of the Board of Trustees on any interest payment date on and after, but not prior to April 1, 1973, 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:

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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, 1961, and all laws amendatory thereof and supplemental thereto and the Resolution above referred to.

This bond and the series of which it forms a part is payable, both as to principal and interest, only from the revenues required to be credited to the Congress Circle Union 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) student service charges (as defined in the Resolution) for the use of the facilities. 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, or 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 office of the Registration Agent in the City of Chicago, Illinois, upon surrender and cancellation of this bond and thereupon coupon bonds or 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. The Board of Trustees of the University of Illinois, any paying agent, the Registration Agent 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 $5,000 and as registered bonds without coupons in the denomination of $5,000 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 office of the Registration Agent 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 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 bonds of the series of which it forms a part, and hereby promises and 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, student service charges and other charges for the use of said facilities and to maintain and collect rents and student service charges and other charges 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 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 June 19 .
UNIVERSITY OF ILLINOIS

THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Attest:  .........................................................
Secretary  .........................................................

President  .........................................................

Member  .........................................................
Member  .........................................................

(Form of Assignment of Registered Bonds Without Coupons)

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 except when 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 1963 Series A and 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.

SECTION 2.07. Execution of Bonds. All of the Bonds shall be executed by the facsimile signatures of the President and any two members of the Board of Trustees and shall have the seal of the University affixed thereto (or a facsimile thereof to be reproduced 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 Registration Agent in Chicago, Illinois, 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 herein, 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 Registration Agent in Chicago, Illinois, 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 trans-
ferability 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.
The University shall make no charge for such registrations and discharges from
registration.

Any registered Bond without coupons may be transferred at the office of the
Registration Agent in the City of Chicago, Illinois, by surrender of such Bond for
cancellation, accompanied by delivery of a written instrument of transfer in form
approved by the Comptroller, 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.

A registered Bond without coupons, upon request of the registered owner,
may be exchanged at said office of the Registration Agent 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 with-
out 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 denomi-
nations 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 un-
matured 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, 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 can-
cellation, accompanied by delivery of a written instrument or transfer in a form
approved by the Comptroller, duly executed by the registered owner of such Bond
or his duly authorized attorney, at the office of the Registration Agent in the City
of Chicago, Illinois, for exchange for coupon Bonds, 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 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 registra-
tion 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 coupons 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, including printing costs of new bonds, in-
curred in connection therewith for each Bond issued upon such exchange, pay-
ment 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 2.08 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 satis-
factory to it, 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
2.09, plus expenses, including printing costs of new bonds, which may be incurred by
the University in the premises.

Section 2.10. Registration Agent. The depository in the City of Chicago,
Illinois, is hereby appointed as the Registration Agent for the purpose of register-
ning, transferring and exchanging the Bonds as in this Resolution provided and
the University agrees to take all legal action necessary or proper to constitute
said depository as the Registration Agent hereunder.

Article Three
Redemption of Bonds

Section 3.01. Publication of Notice. 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 Uni-
versity in one daily newspaper printed in the English language and published and
of general circulation in the City of Chicago, Illinois, and in 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, not less than 30 days
prior to such redemption date. Such notice shall (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 inter-
est 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 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 $5,000 or any multiple thereof) and shall state that
payment of the redemption price shall, except as hereinafter specifically provided,
be made only upon presentation of such fully registered Bonds 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 and named in a written order of an Authorized Officer filed with the depository and stating that the provisions of this paragraph shall be applicable thereto, 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 and, in lieu 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.

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 Bonds of each other series then subject to redemption are redeemed at the same time in proportion to the amount of each such Series originally issued; 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 case the University shall have elected to redeem less than all of the outstanding Bonds of a single series and maturity, 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 $5,000 shall be given a separate number for each $5,000 of the principal amount thereof.

Section 3.04. Deposit of Funds for Redemption. 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 Continental Illinois National Bank and Trust Company of Chicago, or its successor in the City of Chicago, Illinois, as depository, 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 depository, 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 3.05. Effect of Redemption.** 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 hereinafore 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 Ten 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 3.06. Cancellation of Bonds.** 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.

**ARTICLE FOUR**

**ISSUANCE OF BONDS**

**SECTION 4.01. Issuance of 1963 Series A and B Bonds.** Series A Bonds in the principal amount of Six Million Eight Hundred Thousand Dollars ($6,800,000) and Series B Bonds in the amount of Four Million Dollars ($4,000,000) 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 1963 Series A and 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:

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, Navy Pier, Chicago, Illinois; or

B. Paying the cost of equipping, enlarging or improving the Project, provided that no Bonds may be issued for paying the cost of enlargements or improvements which would increase the size of the Congress Circle Union Building (as measured in gross square feet of floor space) by more than twenty-five per cent (25%); or

C. Paying the cost of construction or improvement of parking lots or parking structures for the Congress Circle campus;

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 the 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 and/or C above, the Net Income Available for Debt Service shall be equal to or greater than one and thirty-five hundredths (1.35) times the amount to become due in each succeeding fiscal year for the payment of principal and interest on the Bonds then outstanding hereunder and the Bonds then to be issued; provided that for any bonds issued prior to January 1, 1974, the income from student service charges shall not be based upon fall term student enrollments greater than 8,200 in 1965, 9,500 in 1966, 14,000 in 1967, 16,200 in 1968, 17,600 in 1969, 18,700 in 1970, 19,000 in 1971, 19,700 in 1972 and 20,000 in 1973 and each year thereafter, except that the most recent fall term enrollment figure may be substituted for the enrollment estimate for any year or years.

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. For the purpose of this Section any computation of Net Income Available for Debt Service prepared and certified by the Comptroller, 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. Congress Circle Union 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 "Congress Circle Union 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 credited within three working days after receipt in the Congress Circle Union Bond Fund and shall be used as provided in Section 5.02 hereof.

SECTION 5.02. Disposition of Congress Circle Union Bond Fund. The funds in the Congress Circle Union Bond Fund shall be used in the manner and in the order hereinafter mentioned:

(a) Funds in the Congress Circle Union Bond Fund representing revenues derived from student service charges shall first be used for the purpose of making the next succeeding deposit in the Bond and Interest Sinking Fund Account required to be made pursuant to subsection (b) below. All funds representing revenues derived from sources other than student service charges together with student service charges, if any, remaining after making the deposit in the Bond and Interest Sinking Fund of all amounts required to meet the next succeeding deposit required to be made by subsection (b) below, shall first be used to pay all current operating expenses and thereafter for the purposes specified in subsections (b), (c) and (d) below.

(b) There is hereby created an account to be designated the Congress Circle Union Bond and Interest Sinking Fund Account (herein sometimes called the "Bond and Interest Sinking Fund Account"), which shall be main-
tained with the Continental Illinois National Bank and Trust Company of Chicago or its successor in the City of Chicago, Illinois, which bank is hereby designated as the depository for said account. The University shall deposit in said Bond and Interest Sinking Fund Account on or before March 1 and September 1 of each year a sum not less than one hundred thirty-five per cent (135%) of the interest becoming due on the next semiannual interest payment date plus sixty-seven and one-half per cent (67¼%) of the principal payments becoming due within the next succeeding twelve months to be paid from the Congress Circle Union 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, after providing for the next interest payment due on all then outstanding Bonds and for the principal payments due at the next maturity date for each series of Bonds outstanding (except that provision need be made only for one-half of the principal payments due more than six months after such deposit date), have created 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 semiannually as may be necessary to meet the then current debt service requirement and to maintain the aforesaid debt service reserve. Said funds shall be held and used for the payment of principal, interest and premium, if any, on the Bonds. For the purpose of this paragraph interest and principal accruing prior to the estimated completion date of the Project and deposited into the Bond and Interest Sinking Fund Account out of the proceeds of the Bonds or from a Construction Fund Account shall not be deemed to be interest or principal to become due on the 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 Account in excess of the principal and interest requirements for the next succeeding twelve (12) months may be invested by the depository 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 depository from time to time by written order 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 succeeding interest payment date to meet the interest and principal payments becoming due on each such date.

(c) After setting aside all funds at the time required for the purposes specified in paragraph (a) above and all funds required to meet the next succeeding minimum deposit required to be made by paragraph (b) above, into said Bond and Interest Sinking Fund Account, the University shall establish on its books a Repair and Replacement Reserve (which shall consist of two parts, an equipment reserve and a repairs reserve) to which there shall be credited on or before the close of each fiscal year commencing with the fiscal year beginning July 1, 1965, (1) the sum of $30,000 or such portion thereof as is available for transfer annually for an equipment reserve and (2) the sum of $60,000 or such portion thereof as is available for transfer annually for a repairs reserve. All moneys in the Repair and Replacement Reserve may be drawn on and used by the University for the purpose of paying the cost of unusual or extraordinary maintenance or repairs, renewals and replacements, and the renovating or replacement of furniture and equipment not paid as part of normal operating expenses. Funds standing to the credit of said Repair and Replacement Reserve may be invested by the Comptroller in United States Government
securities until such time as funds are needed. In the event that there is any
deficiency in the funds required to be deposited semiannually into the Bond
and Interest Sinking Fund Account or there is a deficiency in the debt
service reserve, as provided in paragraph (b) above, sufficient funds shall be
transferred from the Repair and Replacement Reserve and deposited in the
Bond and Interest Sinking Fund Account to eliminate such deficiency.

(d) All funds remaining in said Congress Circle Union 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) above or which are in excess of
the amount available therefor in the Repair and Replacement Reserve;
and (5) for any lawful purpose as the Board of Trustees may direct.

ARTICLE SIX
APPLICATION 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 pur-
chase price of Bonds representing the interest accrued on Bonds to the date of
payment of such purchase price, together with such portion of the proceeds of the
Bonds as is determined by the Board of Trustees to be necessary to be 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, shall be
deposited in the Bond and Interest Sinking Fund Account. The remaining part
of such purchase price shall be retained by the University and accounted for as a
separate fund or funds to be known as a "Construction Fund Account" and such
monies shall be deposited in a bank or banks which are members of the Federal
Deposit Insurance Corporation. The monies in each Construction Fund Account
shall be applied only toward the cost of construction in the manner and subject
to the terms and conditions 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 im-
provement 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
therefore.

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 monies 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 years subsequent to the date of investment therein. Interest accruing as a
result of any such investments when received shall be credited to the Construc-
tion Fund Account.

SECTION 6.03. Disposition of Surplus Funds. After completion of each con-
struction 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 Bond and Interest Sinking Fund Account. 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 the redemption of such Bonds or other Bonds then subject to redemption or to the purchase of Bonds on the open market.

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 and student service charges 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 and the sites thereof and the right to construct, equip, operate, enlarge, improve, maintain, control and manage the facilities and it, or the State of Illinois, has indefeasible title in fee simple to the sites of the facilities subject only to current taxes not in default, except for the sites of parking lots, for which it has a valid contract for the acquisition of the sites; 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 unless contested in good faith and by appropriate legal proceedings. Any assessment or attempt to assess property shall not be considered an encumbrance within the meaning of this section so long as the University takes proper action to prevent judgment being entered against said property. Nothing contained in this Resolution shall be construed to prevent the University from using any portion of land included in a project site, other than the specific land on which the facilities are located, for any lawful purposes so long as the use and occupancy of the facilities are not impaired. Any project site, or portion thereof, used as a parking lot may be used for purposes other than parking so long as (1) an equal or greater number of parking spaces are constructed at another location on the Congress Circle Campus to replace those parking spaces which are eliminated for such reason and the revenues to be derived from the new spaces are pledged for the benefit of the Bondholders and held and applied as in Article Five provided or (2) the Net Income Available for Debt Service for each succeeding fiscal year thereafter (after giving effect to the elimination of such parking spaces and the substitution, if any, of other spaces) shall be equal to or greater than 1.35 times the amount to become due in each succeeding fiscal year for the payment of principal of and interest on the Bonds then outstanding hereunder.

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 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 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 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, 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 it will at all time 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.

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 continuously 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 provide revenue sufficient to provide and maintain the aforesaid Bond and Interest Sinking Fund Account and the required reserves therefor, to pay the reasonable cost of operating and maintaining the facilities and to provide and maintain the Repair and Replacement Reserve, 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 general use of the facilities will be assessed against and charged to each and every student enrolled for credit in the University of Illinois at Congress Circle as a condition precedent to enrollment, except that exemptions from the payment of the student service charges may be granted under policies established from time to time by the Board of Trustees for certain limited classes of students (such as scholarship students and graduate students holding staff appointments) if the University then has unallocated funds authorized by law to be retained in the Treasury of the University in an amount equal to all student service charges for which exemptions are then being granted and if the University shall forthwith deposit into the Congress Circle Union Bond fund an amount equal to the aggregate of all such exempted student service charges; provided, however, that no such deposit need be made by the University at any time when the only effect of such deposit would be to create surplus moneys in the Congress Circle Union Bond fund, under sub-section (d) of Section 5.02 of 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, 1964, cause to be prepared and will furnish to the depository 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 a nationally recognized 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 and expense of each separate facility and shall show the student enrollment of the University and the schedule of student service.
Such audit report shall also include statements of the status of each fund, reserve 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 and Interest Sinking Fund Account.

SECTION 7.11. That as long as the funds and investments of the Bond and Interest Sinking Fund Account 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 Congress Circle Union Building in an amount not less than two years' debt service requirements. 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 covered by any such insurance shall be held in trust by the Board of Trustees and credited to the Congress Circle Union Bond Fund.

ARTICLE EIGHT
Events of Default

SECTION 8.01. 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 Account when and as such payments shall become due and payable as in this Resolution or any resolution supplemented hereto expressed and such default shall have continued for a period of one hundred eighty (180) 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 Congress Circle Union 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 8.02. 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 NINE

MODIFICATION AND AMENDMENT OF THE RESOLUTION

SECTION 9.01. 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 (66⅔%) 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 9.04, of the holders of sixty-six and two-thirds per cent (66⅔%) 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 9.02. 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 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, and also by similar publication in a financial newspaper published in the Borough of Manhattan in the City and 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 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 9.03. Attendance in Person or by Proxy. Attendance and voting of 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 entitled 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
Any registered owner of Bonds or any holder of a certificate provided for in this Section 9.03 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 9.04. 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 9.01, 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 9.02 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 9.01. 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 9.03. 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 9.05. 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 9.06. Endorsement of Bonds. Bonds delivered after the effective date of any action taken as provided in this Article Nine 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 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 Bond holder, for Bonds then outstanding, upon surrender of such Bonds with all unmatured coupons, if any, appertaining thereto.

SECTION 9.07. 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 TEN
MISCELLANEOUS

SECTION 10.01. 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 10.02. 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 10.03. 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 depository 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 depository 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 depository 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 refunded to the University.

No Bond or appurtenant coupon shall, after 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 depository, as trust funds, and are available for payments of such Bond or coupon upon demand.

SECTION 10.04. 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 acknowledgements 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 10.05. 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 10.06. 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 10.07. 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 10.08. 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 10.09. 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 10.10. 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 ............................................, 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.

Resolution

WHEREAS, Section 7.07 of the Resolution of this Board of Trustees authorizing and providing for the issuance of $10,800,000 Congress Circle Union Bonds, Series A and B of 1963, duly adopted June 19, 1963, provides that the Board of Trustees will adopt such rules and regulations and fix and maintain such student service charges (as defined in said Resolution) rates, rentals, fees, and charges for the use of the facilities referred to therein as will provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities and to provide and maintain the Improvement and Replacement Reserve; and

WHEREAS, The Board of Trustees of the University of Illinois desires to comply with the above cited provisions and to adopt certain rules and to provide for certain charges applicable to the operation of the facilities;

Now, Therefore, Be It and It Is Hereby Resolved by The Board of Trustees of the University of Illinois that the officers and management of the University be and they are hereby authorized and directed in the operation of the Congress Circle Union Building and parking facilities to carry out the following rules:

RULE 1. The properties of the Congress Circle Union Building and parking facilities above referred to as the "facilities" shall be continuously operated at all times when the University is in session.

RULE 2. Subject to further action of The Board of Trustees the initial student service charge for the use of the Congress Circle Union Building shall be $40 per regular school semester for students in Range I (carrying above 16 semester hours of work), $25 per regular school semester for students in Range II (above five semester hours up to and including 10 hours), and $10 per regular school semester for students in Range III (above 0 and up to and including five semester hours), and shall be assessed against and charged to each and every student enrolled for credit in the University of Illinois at Congress Circle as a condition precedent to enrollment, except to the extent exemptions may be granted upon the conditions contained in Section 7.07 of the Resolution authorizing the issuance of the Bonds. Said fee shall be effective with the fall semester of 1964 or at such earlier date as The Board of Trustees may determine.

RULE 3. Rentals, rates, fees, and charges for the use of the parking lots and the income-producing facilities within the Congress Circle Union Building shall be from time to time established and maintained in such amounts as will result in net income sufficient, together with the student service charges, to provide revenue sufficient to provide and maintain the Bond and Interest Sinking Fund Account and the required reserves therefor and to pay the reasonable cost of operating and maintaining facilities and to provide and maintain the Improvement and Replacement Reserve.

On motion of Mr. Johnston, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

CONTRACTS FOR CONSTRUCTION OF THE CONGRESS CIRCLE CAMPUS UNION BUILDING

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for construction of the Union Building at Congress Circle, Chicago, the award in each case to the lowest bidder:
General (Division I) — Power Construction, Inc., Oak Park.................. $5 624 322
Base bid .................................................. $5 568 511
Additive alternate for assignment of other contracts.................. 55 811
Plumbing and Fire Protection (Division II) — M. J. Corboy Corporation, Chicago.......................... 394 217
Heating, Refrigeration, and Automatic Temperature Controls (Division III) — Frank S. Bellis, Berwyn......................... 534 500
Ventilating and Air Conditioning (Division IV) — H. S. Kaiser Company, Elk Grove.......................... 632 000
Electrical (Division V) — Hoffman Electric Company, Chicago........... 719 760
Food Service Equipment (Division VI) — Stearns Imperial Company, Chicago................................................... 510 068
Total.................................................................. $8 414 867

It is also recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract $8,414,867; and it is further recommended that an agreement be entered into with Power Construction, Inc., Oak Park, for the assignment of these other contracts for $55,811, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds will be available through the sale of revenue bonds, and in state capital appropriations to the University for 1961-63 from the Universities Building Fund which have been released.

Submitted herewith is a supporting report from the Physical Plant Department, including a summary of bids received, a copy of which is being filed with the Secretary of the Board.

I concur in these recommendations.

On motion of Mr. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

ADDITION TO CONTRACT FOR CONSTRUCTION OF ELECTRICAL ENGINEERING BUILDING ADDITION
(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of $2,720.82 in the contract with Pathman Construction Co., Chicago, for construction of two rooms within the lecture room area of the Electrical Engineering Building Addition.

Funds are available in the construction budget.

I recommend that the Comptroller be authorized to execute this change order.

On motion of Mr. Johnston, this change in contract was authorized.

LEASES OF PROPERTY
(21) Because of constitutional limitations, all leases of property by the University of Illinois expire on June 30 of each biennium. I recommend that the Comptroller and Secretary be authorized to renew at the end of each biennium all leases when there is no change in rental or it does not exceed $2,500 a year. If any increase in rental is proposed, and the total annual rental is more than $2,500 a year, a recommendation will be submitted to the Board. All leases when renewed will be listed in the Comptroller’s report of contracts to the Board.

I concur.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

LEASE WITH DEPARTMENT OF PUBLIC WORKS AND BUILDINGS OF THE STATE OF ILLINOIS AND THE CITY OF CHICAGO FOR A PORTION OF THE CONGRESS CIRCLE SITE
(22) The campus plan for the Congress Circle provides for closing of the existing Congress Parkway (a frontage road lying between Harrison Street and the Congress Expressway) from Morgan to Halsted Streets and the construction of a
Chicago Transit Authority Station on the Peoria Street Bridge which will be closed to vehicular traffic.

Negotiations with city of Chicago, state, and federal representatives have resulted in an agreement which will provide that the City will finance and construct the CTA Station, and the University will (1) take a lease of the Congress Parkway area as a part of the campus, (2) construct a ramp from the Peoria Street Bridge to the elevated walkway, and (3) remove the improvements on the right-of-way of the Congress Parkway and landscape and maintain the area during the period of the lease.

The proposed agreement is for the period expiring June 30, 1965, with an option to the University to renew the lease for consecutive two-year periods after expiration of the original term.

The Director of the Physical Plant and the Vice-President and Comptroller recommend approval of the agreement and lease, and that the Secretary of the Board and the Vice-President and Comptroller be authorized to execute the same upon terms and conditions, and in a form, approved by the Legal Counsel.

I concur.

On motion of Mr. Williamson, this lease was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

APPLICATION TO FEDERAL COMMUNICATIONS COMMISSION FOR FM STATION IN CHICAGO

(23) The Director of Broadcasting has requested adoption of a resolution authorizing an application to the Federal Communications Commission for a new FM station in Chicago which will broadcast in the Chicago area Station WILL programs from the Medical Center Campus and later from Congress Circle. He has secured the approval of Northwestern University and Elmhurst College officials of changes in channel assignments for their stations which will be required for a frequency assignment to the new station.

The Executive Vice-President and Provost and I concur and recommend adoption of the required form of resolution, a copy of which is submitted herewith.

On motion of Mr. Swain, the following resolution was adopted.

Resolution

I, A. J. Janata, Secretary of The Board of Trustees of the University of Illinois, hereby certify that the following is a true and exact extract from the minutes of the meeting of The Board of Trustees of the said University held in Peoria, Illinois, on June 19, 1963:

"On motion made and duly seconded, and with a quorum of the Board present and duly authorized to act, it was unanimously voted by those present to approve the following resolution:

"We, a duly constituted quorum of The Board of Trustees of the University of Illinois, having legal authority to act, hereby authorize and direct the Secretary of the Board of Trustees, A. J. Janata, to execute any and all legal instruments necessary to the establishment, maintenance and operation of a proposed non-profit educational FM radio station at Chicago, Illinois, including, but not limited to any and all applications or other pleadings of any sort which are now or may hereafter be required in the prosecution of such application before the Federal Communications Commission, Washington, D.C., for the construction and/or operation of said station at Chicago, Illinois."

In witness whereof, I, a duly authorized official of The Board of Trustees of the University of Illinois, have caused the seal of the University of Illinois to be hereunto affixed. Given under my hand this __________ day of ____________________, 1963, at Urbana, Illinois.

Secretary of the Board of Trustees
University of Illinois

USE OF UNIVERSITY FACILITIES BY THE TWIN CITY BIBLE CHURCH

(24) The Board of Trustees authorized the use of University space in Gregory Hall by the Twin City Bible Church of Urbana for a two-year period, 1961-63,
while a new church building is being constructed. The former property of this church on Springfield Avenue, Urbana, was purchased by the University for campus expansion and the building was razed. Church officials have requested continued use of University facilities until completion of the new building. The University is reimbursed for any expense involved and use of University rooms is so scheduled as not to conflict with University needs for the same.

I concur.

On motion of Mr. Johnston, this request was approved.

**AUTOMOBILE PARKING REGULATIONS AND FACILITIES. URBANA-CHAMPAIGN**

(25) On the basis of a report and recommendations of the Committee on Motor Vehicle Regulations and the Campus Planning Committee (University administrative-faculty committees), I recommend that the Board of Trustees approve in principle the plan presented below for a long-range parking program for the University of Illinois, and the specific recommendations set forth therein, effective September 1, 1963; and that the President of the University be authorized to amend it from time to time in the light of experience and upon appropriate recommendations. Such action would be consistent with the General Rules Concerning University Organization and Procedure which give the President authority to make traffic and parking regulations and such changes therein as conditions may warrant, and with the action of the Board in adopting the present parking regulations and program for the Urbana-Champaign campus in June, 1958.

**Preface to Recommendations**

On July 18, 1962, the Board authorized the employment of Harland Bartholomew and Associates, St. Louis, Missouri, for a study of the University's parking problem on the Urbana-Champaign campus. The Bartholomew report, entitled "Long-Range Parking Program for the University of Illinois," was made available for study by University administrative officers, faculty, and staff, in December, 1962. A representative of Harland Bartholomew and Associates presented the report at an open meeting of the faculty and staff on December 12, 1962, at which time many questions were discussed.

The Committee on Motor Vehicle Regulations and the Campus Planning Committee had been assigned the task of evaluating the report and making recommendations to the President of the University. These Committees solicited criticisms of the present regulations, adopted in June, 1958, and of the Bartholomew report, and suggestions for the development of an improved parking plan for the Urbana-Champaign campus. At the December meeting, the Committees announced that all communications, recommendations, and criticisms could be sent to the Committee Chairmen prior to January 15, 1963, and that all recommendations would be considered before a tentative recommendation would be made.

More than 150 letters and memoranda were received in response to the Committees' solicitation. Thereafter the Committees met weekly in full afternoon sessions for several weeks. The tentative proposal was mailed (Faculty Letter No. 52) on February 20 to all faculty and staff, and notice was given that a meeting would be held in the University Auditorium on February 28 to discuss the proposal and to answer questions. About fifty persons were present at that meeting, and a stenographic report was made of all questions and suggestions. The record of the meeting indicated there were two or three provisions which caused the greatest concern, so that opportunity was again given to present criticisms in writing. Very few responses were received.

On March 12, the Committees had a final meeting at which its report was adopted and subsequently submitted to the President of the University. It is the judgment of the Committee, with which I agree, that the program proposed will provide a basis for some progress toward a partial solution of a very difficult and complex problem. The Committee on Motor Vehicle Regulations will need to have under continuous review the regulations for use of the various areas. It may be necessary to increase fees and to make other changes in the program if it becomes desirable to accelerate the pace of construction of additional parking areas.
Recommendations

1. Parking lots and structures shall be constructed on land presently owned or to be acquired by the University.
   (Explanatory note: The two Committees are in agreement that it would be desirable if the University could provide both the land and the construction necessary for an adequate parking program. Since this does not appear to be possible, land now owned or purchased for campus expansion should be utilized for parking until it must be used for building sites. This represents a continuation of the present policy.)

2. Each member of the faculty-staff desiring to use parking space on University lots, streets, or drives shall pay an annual registration fee of $15.00. A faculty-staff member wishing to register a second car shall pay a fee of $5.00 for that car. Cars in excess of two may be registered on the payment of the $15.00 fee for each car. Anyone desiring to register a car for less than the full twelve months shall pay a registration fee of $7.50 per semester, and/or $3.75 for a Summer Session.
   (Explanatory note: It is intended that the registration fee be voluntary but shall apply uniformly to all members of the faculty-staff who use University land for parking at any time during the year. The $15.00 fee would cover the full twelve months. Staff on less than nine-month appointment would pay a $7.50 semester fee, or $3.75 for the Summer Session only. In addition to the right to park in unrestricted University spaces, the registration fee would entitle a faculty-staff member to a motor vehicle registration card which would entitle the member to ride free on the Illi-Bus anywhere along the Illi-Bus route.)

3. No motor vehicle shall be registered unless the certificate of title is in the name of an employee or the spouse of an employee of the University.
   (Explanatory note: There was some feeling among the Committees that University registration should be restricted to motor vehicles owned by the University employee with specific exceptions being made only in exceptional cases. It was deemed that this policy would afford better control of University parking spaces to insure that their use would be restricted to faculty-staff. However, a majority felt that exceptional cases would be rare and that vehicles owner-registered in the name of an employee or spouse should be entitled to University registration.)

4. Any full time faculty-staff member may rent a parking space (on a first come-first served basis) for the hours of 6:00 a.m. to 6:00 p.m. Monday through Friday and 6:00 a.m. to 12:00 noon on Saturday for an annual rental fee of $45.00 (in addition to the annual $15.00 registration fee).
   (Explanatory note: This rental would be on a voluntary basis and designed for the convenience of those who desire such a space and are willing to pay the additional fee. Such spaces would not be reserved during the evening hours (after 6:00 p.m.) and would be available after 6:00 p.m. to faculty-staff who have paid the University registration fee. No charge would be made to faculty-staff for parking in such spaces during the evening hours. It is anticipated on the basis of available spaces, that faculty-staff who return to their offices or laboratories to work after 6:00 p.m. will find a space in a University lot, or on a University street or drive, reasonably close to such offices or laboratories. Any faculty-staff member who, on the effective date of this program, is paying for a rental space will be assured that the space will continue to be assigned to him.)

5. Faculty-staff members and University departments having special need may rent a parking space by special permission of the Executive Vice-President and Provost on a twenty-four hour yearly basis for an annual rental fee of $90.00 (in addition to the annual $15.00 registration fee for individuals, or a total of $105.00 per year for individuals and departments).
   (Explanatory note: This provision is for those special cases in which the Provost determines that the interests of the University require that a special parking space be reserved on a twenty-four hour basis for an individual or department. A department would include such parking fee in its operating budget in the same manner that it provides for the other operating expenses of the motor vehicle.)
6. All parking spaces in service areas will be metered on a short-term basis restricted to faculty-staff and official visitors on University business.

(Explanatory note: This provision is for rapid turnover use in scattered areas around the campus as is now provided on a no-charge basis.)

7. All unrestricted parking spaces on University-owned streets and drives shall be metered, as the demand requires, on an 8:00 a.m. to 5:00 p.m. basis and that the use of such metered spaces be restricted to the use of faculty-staff and visitors on the basis of current motor vehicle parking regulations initially, and thereafter as the needs of the faculty-staff may require.

(Explanatory note: Some portions of University streets and drives are restricted to traffic flow only and parking is not permitted. Parking, in accordance with published regulations, is permitted on other portions of streets and drives. In order to control parking use in areas of high demand and to encourage turnover rather than all-day use, it is proposed to meter such spaces on a five cents per hour, five-hour limit, for use between 8:00 a.m. and 5:00 p.m. As the campus expands and faculty-staff parking needs increase in certain areas, the regulations may be changed to restrict such spaces to the use of faculty-staff. Initially, however, it appears that current regulations are adequate in those areas of minimal faculty-staff demand. It is anticipated that the metering of spaces on University streets and drives will be gradual as the need appears.)

8. The present Illi-Bus routes shall be expanded and extended to provide transportation to all parts of the campus from parking lots. University motor vehicle registration identification cards furnished to faculty-staff will serve as a pass in lieu of a cash fare.

(Explanatory note: As the campus expands and new classroom and laboratory buildings are constructed in the center of campus, it is anticipated that there will be increased need for intra-campus bus transportation for faculty-staff from parking lots which are not within convenient walking distance of offices, classrooms, and laboratories, and for cross-campus trips during the working day. An expansion and extension of Illi-Bus service for these needs seems mandatory. The registration fee for faculty-staff will permit this to be done on a realistic basis as the need requires.)

9. The University will acquire as rapidly as feasible the needed sites and construct a parking structure or structures adjacent to the center campus area.

(Explanatory note: The need for additional parking spaces adjacent to the present center area of the campus is acute. If the other proposals are adopted it is anticipated that the income will permit an immediate start on providing additional spaces. While there are many practical and financial problems involved in acquiring an adequate site and constructing parking structures, if a reasonable amount of income for such construction is assured steps should be taken to provide such additional spaces.)

10. The University will assume all the costs of administering the parking program to the end that all funds which are paid in the form of registrations, rentals, or meter income will be available to finance the bonds required to build the structures recommended in paragraph 9, to prepare other land for parking use, and to maintain existing lots.

11. The policies adopted and the specific parking and traffic regulations incorporated by reference herein will be re-evaluated after not more than six months of the operation of the revised program and periodically thereafter, and changes recommended to make more effective use of the parking lots and streets.

12. The Committee on Motor Vehicle Regulations shall make recommendations for implementation of the foregoing program with respect to its administration.

The report of the Committees recognizes that its proposals may not be adequate to meet satisfactorily the present and future parking space needs on this campus; and also that individual opinions differ as to how such a complex and costly undertaking should be approached to serve the needs of all segments of the University community. Having considered carefully all present and foreseeable future aspects of the problem, it is believed that the proposals offer the most practical and least expensive approach to the problem at the present time.

It will be noted that the proposals do not deal with the question of student
cars on campus, which is considered to be a separate problem. Only an approximate 20 per cent of the students have registered motor vehicles on campus. The primary concern has been to provide adequate services for the total student body, including the 80 per cent who do not have motor vehicles on campus. As the essential needs of the faculty-staff are met for serving the total student body, we will turn to the subsidiary problem of providing parking facilities to the extent possible for the 20 per cent of the student body who have motor vehicles on campus.

Although the Committees believe that all the major policy decisions are included in its recommendations, they recognize that a number of administrative details remain to be determined before the program may be put into operation. Recommendations for the resolution of these questions may appropriately be made by the Committee on Motor Vehicle Regulations, as has been recommended, and the Campus Planning Committee will not be involved in their consideration.

On motion of Mr. Johnston, the foregoing recommendations were approved, and authority was given as requested.

AMENDMENTS OF UNIVERSITY OF ILLINOIS STATUTES

(26) The University Senates have proposed amendments of Sections 38, Tenure of Academic Staff, and 39, Academic Freedom, of the University of Illinois Statutes and, collaterally, of Section 6, University Senates, which would necessarily be affected by any changes made in Sections 38 and 39. The Urbana-Champaign Senate approved the proposed amendments on June 13, 1961; the Chicago Undergraduate Division Senate on December 5, 1961, approved but with some modifications the amendments proposed by the Urbana-Champaign Senate; and the Medical Center Senate on April 4, 1962, approved, with minor changes, the amendments as modified and approved by the Chicago Undergraduate Division Senate.

The University of Illinois Statutes provide:

Section 6 (k), in part, that “each Senate may propose amendments to these Statutes through the Senate Coordinating Council to the President and the Board of Trustees as provided in Section 65.”

Section 65 provides, in part, that “... Any proposed amendment shall be referred to the Senate Coordinating Council for its consideration and for transmission to the other Senates for action. If the three Senates agree, the amendment shall be presented to the President for transmission to the Board of Trustees. If the Senates do not concur in the proposed amendment, the Coordinating Council shall endeavor to promote agreement of the three Senates; where agreement is not effected, the Council shall transmit its recommendations to the President for submission to the Board of Trustees. Any Senate objecting to a proposed amendment may record its objections by forwarding them to the Board of Trustees, through the President. . .”

(italics supplied)

Accordingly, and pursuant to the authority vested in it by Section 65, the Senate Coordinating Council endeavored to promote agreement of the three Senates on the proposed amendments which was not successful; and pursuant to the further authority vested in it by Section 65, the Senate Coordinating Council transmitted to the President of the University, for submission to the Board of Trustees, its recommendations for amendments to Sections 6, 38, and 39 of the University Statutes.

On April 2, 1963, I transmitted to all members of all three Senates the complete report of the Senate Coordinating Council presenting its recommendations for amendments to the Statutes, stating that to provide an opportunity for any of the Senates to register an objection to the recommendations (as provided for in Section 65, quoted above), I would defer presentation of the subject to the Board of Trustees until after the June meetings of the Senates. The Senates have offered no objections. On the contrary, the Urbana-Champaign Senate at a meeting on April 15, 1963, unanimously adopted a resolution:

“. . . that the Champaign-Urbana Senate approves and endorses the recommendation of the Senate Coordinating Council for revision of Sections 6, 38, and 39 of the University Statutes and urges their adoption by the Board of Trustees.
The Medical Center and Chicago Undergraduate Division Senates have offered no objections to the recommendations of the Senate Coordinating Council. I now present the Senates' recommendations to the Board of Trustees for study. At a subsequent time, I shall submit my recommendations with regard to the proposals. For purposes of comparison they are submitted in parallel form showing the current statutory provisions and the recommendations for proposed amendments.

The President's report and the recommendations of the Senate Coordinating Council were received for record, and were referred to the Committee on General Policy for further consideration and advice to the Board.

**Amendments of University of Illinois Statutes**

Proposed by the University Senates and the Senate Coordinating Council

The present University of Illinois Statutes were adopted by the Board of Trustees January 16, 1957, and became effective September 1, 1957. The following amendments have been proposed by the Urbana-Champaign, Medical Center, and Chicago Undergraduate Division Senates, and the Senate Coordinating Council. The amendments were initiated by the Urbana-Champaign Senate and were modified by the two Chicago Senates, after which the Senate Coordinating Council submitted its recommendations.

<table>
<thead>
<tr>
<th>Present Statutory Provisions</th>
<th>Recommendations of the Senate Coordinating Council</th>
</tr>
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<tbody>
<tr>
<td>Sec. 6. (1) Each Senate shall elect annually by ballot from its membership a Committee on Committees [consisting of not fewer than three persons. Not more than one member of this Committee of the Urbana-Champaign Senate shall be from any one college or school]. Upon nomination made by this Committee after consultation with the President, in the case of the Urbana-Champaign Senate, [and] with the Vice-President in Charge [of the Chicago Professional Colleges or with the Executive Dean of the Chicago Undergraduate Division, respectively.] each Senate shall elect committees on educational policy, academic freedom, University calendar, the library, student discipline, student affairs, and such other standing committees as it may from time to time authorize.</td>
<td>Sec. 6. (1) Each Senate shall establish rules of procedure in accordance with which it shall elect annually by ballot from its membership a Committee on Committees. Upon nomination made by this Committee after consultation with the President, in the case of the Urbana-Champaign Senate, or with the Vice-President in Charge, in the case of each Chicago campus Senate, each Senate shall elect committees on educational policy, academic freedom and tenure, University calendar, the library, student discipline, student affairs, and such other standing committees as it may from time to time authorize. The Committee on Academic Freedom and Tenure at each campus shall be elected by the respective Senate upon nomination made in the manner hereinbefore described in this paragraph and shall consist of at least five members of the faculty other than deans or directors, with no more than two members from any one college, school, institute, division, or other administrative unit. The chairmen of the Senate committees on educational policy, academic freedom and tenure, library, and of such other committees as the three Senates may designate, shall be members of the corresponding committees of the other Senates.</td>
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The chairman of the Senate committees on educational policy, academic freedom, library, and of such other committees as the three Senates may designate, shall be members of the corresponding committees of the other Senates.

*(m)* The academic staff (i.e., those having the rank of instructor or higher rank) at each campus shall also elect a
Faculty Advisory Committee of nine members of such academic staff, three of whom shall be elected each year for three-year terms. No more than two members, or in the case of the Medical Center no more than three, from any one college, school, institute, division, or other administrative unit of the University shall serve on the Committee at the same time. The Committee shall each year elect its own chairman at its first meeting held after the annual election of members. The Committee shall adopt its rules of procedure, copies thereof shall be sent to all members of the academic staff and to the President. The Committee shall make such annual reports to the President, the Senate, and the faculty as it deems appropriate.

The functions of the Committee shall be to provide for the orderly voicing of suggestions for the good of the University, for affording added recourse for the consideration of grievances, and for furnishing a channel for direct and concerted communication with administrative officers of the University, its colleges, schools, institutes, divisions, and other administrative units on matters of interest or concern to the academic staff or any member of it.

In performing its functions, the Committee upon the request of the President, or any member of the academic staff, or upon its own initiative, shall make such investigations and hold such consultations as it may deem to be in the best interest of the University. A member of the academic staff shall be entitled to a conference with the Committee or with any member of it on any matter properly within the purview of the Committee.

*While the faculty advisory committee is provided for here in Sec. 6 for convenience, it should be noted that it is not a Senate committee but a general University committee on each campus.

Those who at the date this section of the University Statutes becomes effective are already members of an established Faculty Advisory Committee shall be the first members of the Committee as established under this section of the University Statutes, with terms coterminous with those for which they were elected.

Any person of the rank of instructor or higher rank may be nominated as a
Any action of any Senate involving matters of University-wide policy, or proposals to amend the University Statutes, shall be submitted by the Senate Coordinating Council to the other Senates for consideration and recommendation.

**Tenure of Academic Staff**

Sec. 38. (a) Unless otherwise provided in these Statutes (and in the absence of some special written agreement approved by the President of the University with the consent of the appointee) the tenure for the various members of the academic staff shall be as stated herein, except that first appointments or temporary appointments may be made for shorter periods.

1. An appointment as professor or associate professor shall be for an indefinite term.

2. An appointment as assistant professor, or to the administrative staff, shall be for a period not longer than two years from September 1 of the first year of the legislative biennium.

3. Appointments to lower ranks shall be for not more than one year.

(b) The appointment of any person for a definite term does not carry any guarantee or implication that the Board of Trustees will renew the appointment at its termination, even though the appointee may have discharged his duties satisfactorily. Any appointment, if accepted, must be accepted with this stipulation.

(c) Tenure may be terminated by (1) honorable retirement; (2) acceptance of resignation; (3) [discharge] for cause.

(d) [Cause for discharge shall consist of conduct seriously prejudicial to the University through deliberate infraction of law or commonly accepted standards of morality, neglect of duty, Committee member by a petition signed by three members of the academic staff and filed with the Clerk or Secretary of the Senate prior to April 1 of each year. The Clerk of the Senate shall conduct the election by University mail as soon as possible thereafter. All members of the academic staff of the rank of instructor or higher rank may vote, and the three nominees receiving the highest number of votes, who are then eligible for membership on the Committee under the foregoing provisions, shall be declared elected.

(n) Any action of any Senate involving matters of University-wide policy, or proposals to amend the University Statutes, shall be submitted by the Senate Coordinating Council to the other Senates for consideration and recommendation.

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(b) The appointment of any person for a definite term does not carry any guarantee or implication that the Board of Trustees will renew the appointment at its termination, even though the appointee may have discharged his duties satisfactorily. Any appointment, if accepted, must be accepted with this stipulation.

(c) Tenure may be terminated by (1) honorable retirement; (2) acceptance of resignation; (3) dismissed for due cause.

(d) Due cause for dismissal shall be deemed to exist only if, with all due regard for the freedoms and protections provided for in Sec. 39 of these Statutes, a faculty member's conduct
inefficiency or incompetency. The enumeration of causes for discharge shall not be deemed exclusive, and the Board of Trustees reserves the power to discharge for other causes, but it is to be distinctly understood that this power will be exercised only under exceptional circumstances and then only for conduct which is clearly prejudicial to the best interests of the University.

(e) [An appointee on definite tenure shall not be removed before the expiration of his term of service, nor shall an appointee on indefinite tenure be removed, without in either instance first having been presented with a written statement of the charges against him, which shall be sufficiently specific reasonably to inform him of their nature and to enable him to present his defense thereto. Charges shall be preferred by the President, or on his authority, and shall be filed with the Secretary of the Board of Trustees. A copy of the charges shall be transmitted to the appointee either personally or shall be mailed to the appointee at his last known post office address by registered mail within 15 days after they have been preferred. Within 15 days after such service of a copy of the charges, the appointee may file with the Secretary of the Board a written request for a hearing before the Board of Trustees. Notice of the time and place of the hearing, which shall be not less than 20 days after the date of the appointee's request, shall be served upon the appointee either personally or by registered mail. The appointee shall have the right to appear at the hearing, with counsel, if he desires, to reply to the charges and to present evidence in his behalf. The Board shall not be bound by formal or technical rules of evidence in hearing and deciding the case. Prior to the preference of charges, or while charges are pending, the appointee may be suspended by the President pending final decision of the Board upon the charges. In designating the effective date of dismissal or requested resignation, the Board shall give due consideration to the time reasonably required for the adjustment of the staff member's personal affairs.]

is found to demonstrate clearly and convincingly either that: (1) he has been grossly neglectful of, or grossly inefficient in, the performance of his University duties; or that: (2) he can no longer be relied upon to perform his University duties and functions in a manner consonant with professional standards of competence and responsibility.

(e) Proceedings seeking the dismissal before the expiration of his term of appointment of an appointee to the academic staff who is on definite tenure or of an appointee to the academic staff who is on indefinite tenure shall comply with the procedures described in the following provisions of this section:

(1) Charges. When it shall appear to the President that cause for the dismissal of an appointee may exist, he shall consult with the Faculty Advisory Committee. The President, after such consultation, shall determine whether dismissal proceedings should be instituted. Charges looking to dismissal shall be preferred by statement in writing by the President or on his authority and shall be filed with the Clerk or Secretary of the Senate within thirty days after the consultation with the Faculty Advisory Committee. The statement shall be sufficiently specific reasonably to inform the appointee of the nature of the charges and enable him to present his defense to them.

(2) Service. The Clerk or Secretary of the Senate shall cause a copy of the statement of the charges and a copy of Sections 38 and 39 of the Statutes to be delivered to the appointee personally or mailed to him at his last known post office address by registered mail within five days after they have been filed with the Clerk or Secretary of the Senate.

(3) Request for Hearing. Within fifteen days after such service of a copy of the statement of charges, the appointee may file with the Clerk or Secretary of the Senate a request for a hearing before the Committee on Academic Freedom and Tenure of the appropriate campus; and within ten days after filing such request the appointee shall file with the Clerk or Secretary of the Senate a detailed written answer to the statement of grounds for dismissal. The Clerk or Secretary of the Senate shall promptly transmit the statement of charges, the
answer thereto, and the request for a hearing to the chairman of the Committee on Academic Freedom and Tenure, and copies of the answer and request for a hearing to the President.

(4) Notice of Hearing. Notice of the time and place of the hearing before the Committee on Academic Freedom and Tenure, which hearing shall be not less than twenty days after the filing of the appointee's request, shall be delivered on the same date to the appointee and the President either personally or by registered mail. The date of the hearing shall be not less than fifteen days from the date of such delivery or of such mailing of the notice of hearing.

(5) Hearing. At the time and place fixed the Committee on Academic Freedom and Tenure shall hold a closed hearing on the charges. No member of that Committee shall sit in a case that involves a member of his department, school, institute, or division, whichever represents the smallest administrative unit. Three members of the Committee shall constitute a quorum for the conduct of the hearing, and the chairman of the Committee may appoint another member of the Committee to preside over the hearing. If vacancies occur, the Committee on Committees shall appoint as many members as are necessary to constitute a quorum. Except as hereinbefore or hereinafter provided the hearing shall be conducted according to such rules as the Committee may from time to time establish. The Committee shall not be bound by technical rules of evidence, but all findings, conclusions, and recommendations of the Committee shall be supported by, and be in accord with substantial evidence. The appointee shall be entitled to be present at all sessions of the Committee when evidence is being received and to have with him an adviser of his own choice who may act as counsel. Likewise the President or some person designated by him, together with counsel if the President desires counsel, shall be entitled to be present at all sessions of the Committee when evidence is being received. Each party shall have the right within reasonable limits to question witnesses and when all the evidence has been received to make an argument in support of its position, either in person or by counsel. A full stenographic transcript shall be made of the hearing unless both parties
agree to the making of a record in a briefer form.

(6) Findings, Conclusions, and Recommendations. Following the conclusion of the hearing the Committee shall promptly make its explicit findings of fact on each charge, its conclusions, and its recommendations. Reasonable opportunity shall be given to each party to file a written statement setting forth objections to these findings, conclusions, and recommendations and setting forth the grounds for such objections. A copy of one party's objections shall be given to the other party. The originals of the findings, conclusions, and recommendations, and of the hearing shall be forwarded to the President and copies shall be promptly transmitted to the appointee.

If ultimately the appointee requests a hearing before the Board of Trustees, the originals or copies of statement of charges filed by the President or on his authority with the Clerk or Secretary of the Senate, the request for a hearing, the answer to the statement of charges, the notice of the time and place of hearing, the transcript or briefer record of the hearing, exhibits, records of evidence, findings, conclusions, and recommendations of the Committee, and any objections to such findings, conclusions, and recommendations, shall constitute the record before the Committee on Academic Freedom and Tenure to be submitted to the Board. The record shall be available to the Board of Trustees, to counsel for the appointee, and to counsel for the University, but shall not be available to other persons prior to the hearing before the Board. If the Committee recommends that charges be dropped and the President concurs, the case shall be considered closed.

(7) Hearing by Board of Trustees. Within 30 days after transmittal of the findings, conclusions, and recommendations of the Committee on Academic Freedom and Tenure, or, if the appointee filed no request for a hearing before that Committee, within fifteen days after the expiration of the period specified in paragraph (3) for the filing of such a request, the President may cause the charges to be filed with the Secretary of the Board of Trustees along with the findings, conclusions, and recommendations, if any, of the Committee on Academic Freedom and Tenure and the record of the hearing before the Committee, if one
was held. Notice of such filing of charges shall be delivered to the appointee personally or shall be mailed to him by the Secretary of the Board of Trustees by registered mail within five days after such filing. Within ten days after such delivery or mailing of notice of the filing of the charges with the Secretary of the Board of Trustees, the appointee may file with the Secretary of the Board a written request for a hearing before the Board of Trustees.

Notice of the time and place of the hearing, which hearing shall be not less than twenty days after the date of the filing of the appointee's request, shall be delivered to the appointee personally or mailed to him by registered mail. The date of the hearing shall be not less than fifteen days from the date of such delivery or mailing of the notice of hearing to the appointee. The appointee shall have the right to appear at the hearing, with counsel, if he desires, to reply to the charges and to present evidence in his behalf. Counsel for the University shall represent the University administration at the hearing and shall have the right to present evidence in support of the charges. The Board shall not be bound by technical rules of evidence in hearing and deciding the case. The Board will give due consideration to the findings, conclusions, and recommendations of the Committee on Academic Freedom and Tenure, and in all cases where a report was made by the Committee will invite a member of the Committee designated by its chairman to attend the hearing before the Board and afford him an opportunity to make a statement.

If the Board concludes that the appointee should be dismissed or asked to resign, in designating the effective date of dismissal or requested resignation, the Board will give due consideration to the time reasonably required for the adjustment of the appointee's personal affairs. If a hearing is requested before the Board of Trustees, the Committee on Academic Freedom and Tenure may make at its discretion an appropriate report to the Senate.

(8) Suspension. An appointee may be suspended only under exceptional circumstances and with pay subject to the following provisions: a) The President may suspend before the filing of any charges only after giving notice to the chairman or, in the absence of the chairman from the Uni-
(f) Any member of the faculty of the University, who claims that termination of his services would violate principles of academic freedom, shall have the right to a hearing before the Committee on Academic Freedom of the appropriate Senate prior to a hearing, if any, before the Board of Trustees. Such hearings shall be conducted in accordance with established rules of procedure. The Committee shall make findings of fact and recommendations to the President of the University. The several Committees may, from time to time, establish their own rules of procedure.

Academic Freedom

Sec. 39 (a) It is the policy of the University to maintain and encourage full freedom, within the law, of inquiry, discourse, teaching, research, and publication and to protect any member of the academic staff against influences, from within or without the University, which would restrict him in the exercise of these freedoms in his area of scholarly interest. The right to the protection of the University shall not, however, include any right to the services of the University's Legal Counsel or his assistants in any governmental or judicial proceedings in which the academic freedom of the staff member may be in issue.
(b) In his role as citizen, the faculty member has the same freedoms as other citizens, without institutional censorship or discipline, although he should be mindful that accuracy, forthrightness, and dignity befit his association with the University and his position as a man of learning.

(c) These freedoms do not include the right to advocate the overthrow of our constitutional form of government by force or violence.

(d) A staff member who believes that he does not enjoy the academic freedom which it is the policy of the University to maintain and encourage, shall be entitled to a hearing, on his written request, before the Committee on Academic Freedom of the appropriate University Senate.

COMPTROLLER'S REPORT OF CONTRACTS

(27) The Comptroller's report of contracts executed during the period May 1 to 31, 1963.

<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 Local Records Commission</td>
<td>Survey and appraise records series in Illinois local and appellate courts</td>
<td>$4,000.00</td>
<td>May 1, 1963</td>
</tr>
<tr>
<td>United States Air Force AF-AFOSR-107-63A</td>
<td>Provide equipment for research entitled &quot;charged colloidal sized particles for propulsion&quot;</td>
<td>360.00</td>
<td>May 1, 1963</td>
</tr>
<tr>
<td>United States Air Force AF-AFOSR-328-63</td>
<td>Physics of solids</td>
<td>80,478.00</td>
<td>October 1, 1963</td>
</tr>
<tr>
<td>United States Air Force AF 29(601)-585</td>
<td>Development of a model to simulate free field ground motions</td>
<td>100,000.00</td>
<td>February 16, 1963</td>
</tr>
<tr>
<td>United States Air Force AF 30(602)-3046</td>
<td>Submillimeter wave receiver techniques</td>
<td>35,000.00</td>
<td>March 1, 1963</td>
</tr>
<tr>
<td>United States Army DA-31-124-ARO(D)-108</td>
<td>Exploratory basic research in physical sciences</td>
<td>21,500.00</td>
<td>July 1, 1963</td>
</tr>
<tr>
<td>United States Army DA-49-193-MD-2410</td>
<td>Transmission of the common cold to volunteers under controlled conditions</td>
<td>63,114.00</td>
<td>April 1, 1963</td>
</tr>
<tr>
<td>United States Department of Agriculture 12-05-300-53</td>
<td>Agricultural market planning and education in resource development programs</td>
<td>25,000.00</td>
<td>April 22, 1963</td>
</tr>
<tr>
<td>United States Department of Defense OCD-OS-63-61</td>
<td>Conduct a course covering Office of Civil Defense standard fallout shelter analysis curricula plus structural analysis and shelter design</td>
<td>22,500.00</td>
<td>April 22, 1963</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare OE-3-12-064</td>
<td>Provide training to improve the qualifications of personnel engaged in or preparing to engage in the counseling and guidance of students in secondary schools</td>
<td>91,040.00</td>
<td>January 2, 1963</td>
</tr>
<tr>
<td>United States Department of Health, Education, and Welfare VRA-63-103</td>
<td>Training specialized personnel to work with the deaf</td>
<td>3,400.00</td>
<td>May 6, 1963</td>
</tr>
<tr>
<td>United States Navy N0bar-89229</td>
<td>Radiolocation directed toward system problems</td>
<td>114,509.00</td>
<td>May 21, 1963</td>
</tr>
</tbody>
</table>
### With Whom

- **United States Navy**
  - Nonr-3985 (02)
- **The Upjohn Co.**
- **International Business Machines Corp.**
- **International Harvester Co.**
- **University Place Christian Church**

### Purpose
- Biophysical and biochemical studies on electric organs and muscle membranes of fish
- Techniques using synthetic progestagens to control ovulation in domestic animals
- Rental of farm machinery, four items: $93.68 to $812.35
- Rental of church organ by School of Music, September 15, 1963, to June 15, 1964
- Highway salvage program
- Poultry nutrition
- Behavior of riveted and bolted structural joints
- Analytical study of tunnels in rock
- Interaction of dissolved interstitial atoms with dislocations
- Antiradiation drugs
- Synthetic capacity of irradiated ciliates
- Mechanism of radiation-induced addition of tritium to carbon-carbon double bonds
- Use charge for portion of Materials Research Laboratory used in commission supported research
- Studies of rainout of radioactivity in Illinois
- Wide aperture direct finder system
- Establish program for training in military and disaster medicine
- Development of radio wave direction-finding techniques
- Mechanics of failure in glass fiber reinforced plastics

### Amount to be Paid to the University

- **$16,500.00**
- **$2,530.00**
- **$1,692.40**
- **$1,750.00**
- **$604.80**
- **$23,000.00**
- **$15,000.00**
- **$22,500.00**
- **$500.00**
- **$3,500.00**
- **$11,000.00**
- **$85,000.00**
- **$16,000.00**
- **$120,050.00**
- **$7,990.00**
- **$460,000.00**
- **$60,000.00**
- **$828,102.96**
- **$962.96**
- **$2,600.00**
- **$23,000.00**
- **$15,000.00**
- **$22,500.00**
- **$500.00**
- **$3,500.00**
- **$11,000.00**
- **$85,000.00**
- **$16,000.00**
- **$120,050.00**
- **$7,990.00**
- **$460,000.00**
- **$60,000.00**
- **$828,102.96**

### Effective Date

- **February 1, 1963**
- **June 1, 1963**
- **February and March, 1963**
- **May 9, 1963**
- **May 8, 1963**
- **May 17, 1963**
- **May 7, 1963**
- **April 30, 1963**
- **April 18, 1963**
- **April 15, 1963**
- **April 29, 1963**
- **April 17, 1963**
- **April 15, 1963**
- **April 15, 1963**
- **May 22, 1963**
- **April 17, 1963**
- **May 16, 1963**
- **February 11, 1963**
- **April 15, 1963**
- **May 15, 1963**
- **May 9, 1963**

### Adjustments Made in 1962-63 Cost-Plus Contracts

<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>Twenty-two items: $112.19 to $580.00</td>
<td>$1,910.96</td>
<td>April and May, 1963</td>
</tr>
</tbody>
</table>

### Summary

Amount to be paid to the University: $1,408,033.96
Amount to be paid by the University: $5,958.16

This report was received for record.
PURCHASES

(28) 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 acceptable bid. The recommendations are presented in two categories: purchases from Appropriated Funds (i.e., from state appropriations to the University), and purchases from Institutional Funds. The latter term is used here to designate funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, from foundation grants, and grants from corporations and other donors, and University revolving funds authorized by law.

Purchases from Appropriated Funds

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>One automatic x-ray film processing unit, less trade-in of used unit</td>
<td>Radiology, Chicago</td>
<td>Westinghouse Electric Corp., Chicago</td>
<td>$9,722 15 delivered</td>
</tr>
<tr>
<td>Twenty time clocks</td>
<td>Research and Educational Hospitals</td>
<td>Simplex Time Recorder, Chicago</td>
<td>2,980 00 delivered</td>
</tr>
<tr>
<td>One multi-channel pulse analyzer complete with spectrum stripping and read-out of fractional values of recorded spectra and typewriter</td>
<td>Engineering, Chicago Undergraduate Division</td>
<td>Radiation Instrument Development Lab., Melrose Park</td>
<td>8,520 00 delivered</td>
</tr>
<tr>
<td>Electronic instruments consisting of seven dual trace oscilloscopes, two pulse generators, one signal generator</td>
<td>Engineering, Chicago Undergraduate Division</td>
<td>Tektronix, Inc., Beaverton, Ore. Oscilloscopes</td>
<td>7,528 22 f.o.b.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hewlett-Packard Co., Inc., Palo Alto, Calif. Typewriters</td>
<td>2,550 00 delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Gilson Medical Electronics, Middleton, Wis.</td>
<td>2,650 00 delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Logan Refrigeration Co., Logan, Utah</td>
<td>2,899 17 f.o.b. delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wild Heerbrugg Instruments, Inc., Port Washington, N.Y.</td>
<td>4,194 00 delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>W. H. Kessel &amp; Co., Chicago</td>
<td>4,210 00 f.o.b. delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Southern Illinois Stone Co., Dixon Springs Station</td>
<td>8,460 00 f.o.b. delivered</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Visual Electronics Corp., New York, N.Y.</td>
<td>3,564 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One conversion kit 7½ and 15 ips, field installed</td>
<td>Instructional Television</td>
<td>Ampex Corp., Elmhurst</td>
<td>3,055 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One video head assembly with 5 mil tips</td>
<td>Television Station</td>
<td>National Educational Television and Radio Center, New York, N.Y.</td>
<td>7,500 00 f.o.b. shipping point</td>
</tr>
</tbody>
</table>
Eight issues, 1,300 copies per issue, $1,300 per issue, University Press, Chicago, for a total of $13,928.00.

Print and bind approximately eight issues of *Illinois Studies in the Social Sciences* during the period July 1, 1963, through June 30, 1965, 1,200 copies per issue, University Press, Chicago, for a total of $8,000.00.

Print and bind approximately six issues of *Illinois Studies in Language and Literature* during the period July 1, 1963, through June 30, 1965, 1,100 copies per issue, University Press, Chicago, for a total of $7,928.00.

Print and bind approximately four issues of *Illinois Biological Monographs* during the period July 1, 1963, through June 30, 1965, 1,000 copies per issue, University Press, Chicago, for a total of $10,319.80.

Furnish and install 524 auditorium chairs with tablet arms in lecture rooms in the Physics Building, Stage II.

Furnish and install 292 upholstered auditorium seats with tablet arms in lecture room in Altgeld Hall, and removal of existing chairs.

90,000 gallons of liquid propane delivered into bulk storage containers, and 40,000 pounds of liquid propane delivered in 100 pound cylinders, including fourteen 500 water gallon vessels, and service regulators required for proper pressure delivery to gas burning appliances and laboratory apparatus, for the period July 1, 1963, through June 30, 1965.

Repair of damaged rotating element for Model 3HMTA-8 Ingersoll-Rand boiler feed pump and will be available as a spare element for emergency replacement in any of the four boiler feed pumps now installed at the Abbott Power Plant (the previous spare element was put into service as a result of a recent breakdown).

**Purchases from Institutional Funds**

One gas chromatograph and accessories for freeze-drying tissues and drying spectrographic film.

One vacuum evaporator and accessories for freeze-drying tissues and drying spectrographic film.

One nine-inch image amplifier with cine television attachments, less trade-in of x-ray generator, tube, table, and controls.

One double wall laboratory sterilizer, 16 in. by 16 in. by 24 in.

One automatic refrigerated centrifuge with rotor.

500,000 primidone tablets; this is a year's supply of the tablets and anticonvulsant drug used in the treatment of epilepsy.
<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printing of Congress Circle Union Building Revenue Bonds</td>
<td>Illini Union, Chicago Undergraduate Division</td>
<td>Northern Bank Note Co., Chicago</td>
<td>$3,774.63 delivered</td>
</tr>
<tr>
<td>Linen service for food service departments at the Chicago campuses beginning July 1, 1963, through June 30, 1965</td>
<td>Union Building and Residence Hall Food Service, Medical Center, and Food Service, Chicago Undergraduate Division</td>
<td>American Linen Supply Co., Chicago</td>
<td>13,434.00 delivered</td>
</tr>
<tr>
<td>Approximately 84,000 tons of coal screenings to be used by the Medical Center Steam Company plant during the period beginning July 1, 1963, and ending June 30, 1965</td>
<td>Physical Plant</td>
<td>Cretar Clinch Coal Co., Chicago</td>
<td>6,566.94 delivered</td>
</tr>
<tr>
<td>Furnish labor and materials to erect one machine shed, pole-frame type, 42 ft. wide and 70 ft. long, on the Allerton Farm No. 4</td>
<td>Agricultural Economics</td>
<td>Moore Farm Building Co., Charleston</td>
<td>3,769.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One sterilizer, laboratory, steam, approximately 20 in. by 20 in. by 36 in., high-vacuum, rapid, with programming-automatic controls (for sterilization of experimental animal diets in a germ-free laboratory)</td>
<td>Animal Science</td>
<td>American Sterilizer Co., Chicago</td>
<td>6,465.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One 400-channel analyzer including IBM automatic “Read-Out” type-writer with associated controls (this equipment is compatible with existing instrumentation of the K40 whole body scintillation counter which will provide automatic recording of data; reports of animal tissue content will be available approximately twelve months earlier than through the manual counting system presently employed)</td>
<td>Animal Science</td>
<td>Radiation Instrument Development Laboratory, Inc., Melrose Park</td>
<td>9,497.50 f.o.b. delivered</td>
</tr>
<tr>
<td>Furnish and install twenty farrowing units, each unit to consist of one sow feeder, one creep feeder, one self-washing nursery waterer, one self-washing sow waterer with lid, slotted floor, and mounting stands</td>
<td>Animal Science</td>
<td>Big Dutchman of Illinois, Lincoln</td>
<td>3,824.78 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>Furnish and install one automatic feeding unit complete with hopper motor, time clock, trough, chain, and necessary equipment for a completely mechanized feeding system</td>
<td>Animal Science</td>
<td>Big Dutchman of Illinois, Lincoln</td>
<td>3,824.78 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>Twenty existing farrowing units to be traded in on the above equipment</td>
<td>Animal Science</td>
<td>Big Dutchman of Illinois, Lincoln</td>
<td>3,824.78 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>Four lots (total 6,177 tons) wheat and/or oat straw</td>
<td>Animal Science</td>
<td>Big Dutchman of Illinois, Lincoln</td>
<td>3,824.78 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>(Note: This purchase will be made from both Appropriated Funds, $5,042.50, and Institutional Funds, $5,307.50, for a total of $10,350.00.)</td>
<td>Astronomy</td>
<td>The Illinois Central Railroad, Chicago</td>
<td>5,289.82 f.o.b. delivered</td>
</tr>
<tr>
<td>Fee for the use of two railway cabooses to transport research equipment and personnel to two remote field stations in Canada from July 6 through July 28, 1963, to conduct a National Science Foundation research program to study the effects of a solar eclipse on atmospheric ionization</td>
<td>Institute of Aviation</td>
<td>American Oil Co., Decatur</td>
<td>140,932.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Aviation gasoline, 220,000 gallons, 80-87 grade; 265,000 gallons, 91-96 grade; 140,000 gallons, 100-130 grade</td>
<td>Institute of Aviation</td>
<td>American Oil Co., Decatur</td>
<td>140,932.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Aviation turbine fuel, kerosene type, 220,000 gallons</td>
<td>Institute of Aviation</td>
<td>American Oil Co., Decatur</td>
<td>140,932.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>
### Item

<table>
<thead>
<tr>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Institute of Aviation</td>
<td>Streator Air Service, Streator</td>
<td>$5,436.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Institute of Aviation</td>
<td>Southwest Airmotive Co., St. Louis, Mo.</td>
<td>$5,850.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Botany</td>
<td>Vanguard Instrument Co., La Grange</td>
<td>$3,516.00 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>Chemistry and Chemical Engineering</td>
<td>Jarrell-Ash Co., Newtonville, Mass.</td>
<td>$13,050.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Chemistry and Chemical Engineering</td>
<td>Applied Physics Corp., Monrovia, Calif.</td>
<td>$13,988.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Chemistry and Chemical Engineering</td>
<td>Richardson Manufacturing Co., Springfield</td>
<td>$16,835.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Chemistry and Chemical Engineering</td>
<td>Perkin-Elmer Corp., Norwalk, Conn.</td>
<td>$18,972.00 f.o.b. delivered</td>
</tr>
<tr>
<td>General Chemical Stores</td>
<td>Mallinckrodt Chemical Works, St. Louis, Mo.</td>
<td>$12,371.60 f.o.b. delivered</td>
</tr>
<tr>
<td>General Chemical Stores</td>
<td>General Chemical Division, Allied Chemical Corp., Chicago</td>
<td>$22,218.55 f.o.b. delivered</td>
</tr>
<tr>
<td>Digital Computer Laboratory</td>
<td>Methode Electronics, Inc., Chicago</td>
<td>$9,125.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Digital Computer Laboratory</td>
<td>Texas Instruments, Inc., St. Louis, Mo.</td>
<td>$5,750.00 f.o.b. Dallas, Texas</td>
</tr>
<tr>
<td>Digital Computer Laboratory</td>
<td>Deeco, Inc., Cedar Rapids, Iowa</td>
<td>$3,013.50 f.o.b.</td>
</tr>
</tbody>
</table>

#### 11,904 pints acetone reagent grade; 8,488 pints methyl alcohol anhydrous reagent; 6,144 pints chloroform reagent; 10,080 lbs. ether anhydrous reagent in one-pound cans; 2,160 lbs. ether USP in five-pound cans; an estimated one-year's supply in the General Chemical Stores, to be shipped on a monthly basis in quantities of one-twelfth of the above amounts.

#### 7,000 lbs. acetic acid reagent; 20,000 lbs. hydrochloric acid reagent; 12,000 lbs. nitric acid reagent; 35,000 lbs. sulphuric acid reagent; 8,000 lbs. ammonium hydrochloric acid technical; 4,900 lbs. inhibited muriated acid; 8,400 lbs. acetic acid glacial; quantities indicate an estimated need for the period July 1, 1963, through June 30, 1965, to be purchased in minimum 20,000 lb. truck load quantities.
<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000 capacitors, monolithic, layer-build ceramic, 0.47 mfd, 45 volts, plus or minus 20 per cent tolerance</td>
<td>Digital Computer Laboratory</td>
<td>Sprague Electric Co., Chicago</td>
<td>$3 450 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One power supply, D.C., 0-36 volts at 1 amp; line regulation ±0.0002 per cent or 10 microvolts; load regulation ±0.000S per cent or 10 microvolts; transient response 25 nanoseconds or less; voltage protection and temperature protection complete with indicators</td>
<td>Digital Computer Laboratory</td>
<td>Krohn-Hite Corp., t.o. Hugh Harland &amp; Co., Chicago</td>
<td>2 550 00 f.o.b. Cambridge, Mass.</td>
</tr>
<tr>
<td>One spectrophotometer, infrared double beam with one external source optical assembly and one external detector optical assembly, to be used in semi-conductor research on P-N junction lasers</td>
<td>Electrical Engineering</td>
<td>Beckman Instruments, Inc., Lincolnwood</td>
<td>19 044 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Components for electronic cursor and automatic readout systems for spinning goniometer receiving system, consisting of: six encoders, incremental, miniature, optical type, negative output polarity; three dual readouts; two power supplies, output-18 volts D.C. and +600 volts D.C., three power supplies, output+12V, -12V, +5V, all D.C.; and two encoders, optical type, negative output polarity, flash to interrogate, direct reading</td>
<td>Electrical Engineering</td>
<td>Wayne-George Corp., Newton, Mass.</td>
<td>11 640 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One special goniometer system for use in electronic engineering radiolocation research in conjunction with a U.S. Navy research contract</td>
<td>Electrical Engineering</td>
<td>Adams-Russell Co., Inc., Waltham, Mass.</td>
<td>87 945 00 f.o.b. delivered</td>
</tr>
<tr>
<td>1,600 sets (approximately) fifty prints per set Student Personal Data Sheets, 8½ in. by 11 in., as needed during the period July 1, 1963, through June 30, 1965</td>
<td>College of Engineering Placement Office</td>
<td>Interstate Printers &amp; Publishers, Inc., Danville</td>
<td>4 800 00 f.o.b. delivered</td>
</tr>
<tr>
<td>Examinations and technical grading service, special graduate record types, for the period July 1, 1963, through June 30, 1965; based on current use plus a 10 per cent enrollment increase, the quantities are estimated as follows: 1,800 aptitude tests, 18 advanced tests, 820 advanced and aptitude tests</td>
<td>Graduate College</td>
<td>Educational Testing Service, Princeton, N.J.</td>
<td>8 262 00 f.o.b. Princeton, N.J.</td>
</tr>
<tr>
<td>Print and bind eight issues of Library Trends, approximately 4,500 copies per issue, approximately 96 pages per copy, trim size 6 in. by 9 in.</td>
<td>Graduate School of Library Science</td>
<td>Pantograph Printing &amp; Stationery Co., Bloomington</td>
<td>16 771 40 f.o.b. delivered</td>
</tr>
<tr>
<td>Eight issues, 2,800 copies per issue, University of Illinois Law Forum, approximately 176 pages per issue, trim size 7 in. by 10½ in.</td>
<td>College of Law</td>
<td>Pantograph Printing &amp; Stationery Co., Bloomington</td>
<td>21 209 20 f.o.b. delivered</td>
</tr>
<tr>
<td>Accessory items for Hitachi HU-11 electron microscope: six stereo specimen holders, one tilting and rotating stage with built-in anticontamination devices and new specimen chamber, one Wehnelt cylinder</td>
<td>Mining, Metallurgy, and Petroleum Engineering</td>
<td>Erb &amp; Gray Scientific, La Grange</td>
<td>4 491 32 f.o.b. Los Angeles, Calif.</td>
</tr>
<tr>
<td>One special mass spectrometer for analysis of trace impurities in solids, high sensitivity and resolution, with facilities for recording mass spectra or photographic plates as well as electronic recording</td>
<td>Physics</td>
<td>Picker X-Ray Corp., Chicago</td>
<td>86 600 00 f.o.b. delivered</td>
</tr>
<tr>
<td>One lathe, plain bed, removable gap, 17 in. by 78 in. centers, 10 ft. 3 in. bed to be used by the Physics Department in the new Materials Research Laboratory</td>
<td>Physics</td>
<td>The R. K. LeBlond Machine Tool Co., Oak Park</td>
<td>8 271 65 f.o.b. Cincinnati, Ohio</td>
</tr>
<tr>
<td>One lathe, tool room, high speed, high precision, small capacity, to be used in Materials Research Laboratory</td>
<td>Physics</td>
<td>Hardinge Brothers, Inc., Chicago</td>
<td>7 279 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>
<td>-----------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>600,000 liters (estimated) high purity liquid nitrogen (lump grade 99.9 per cent pure) for the biennium July 1, 1963, through June 30, 1965, including one storage vessel of 5,280 gallon capacity, company owned and maintained, to be supplied on a no charge basis; this commodity is used in various manners, for research primarily in the Physics and Chemistry Departments; however, other departments use liquid nitrogen for freezing specimens, preserving foods, and in gaseous electronics</td>
<td>Physics</td>
<td>Linde Co., Chicago</td>
<td>$42,654.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One spectrophotometer, recording with range of 1800A, 0.0001 per cent scattered light, marker pen, power supply detectors, five rolls of chart paper and detector cells for use in Physics Department studies of the color centers in the alkali halides</td>
<td>Physics</td>
<td>Applied Physics Corp., Monrovia, Calif.</td>
<td>$18,915.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One 400-channel, transistorized pulse height analyzer with three-inch output display oscilloscope, having multichannel scaler operation and both linear and logarithmic display, with provisions for plug-in paper punch system, as well as spectrum resolving equipment</td>
<td>Physics</td>
<td>Technical Measurements Corp., North Haven, Conn.</td>
<td>$10,375.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One alpha-numeric accounting machine equipped with alpha-numeric tape readout</td>
<td>Physics</td>
<td>Burroughs Corp., Champaign</td>
<td>$8,753.80 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>One mass spectrometer (helium leak detector) with mobile work stand, nitrogen trap capable of holding a 24-hour supply of liquid nitrogen, and an audio alarm system, to be used for detecting leaks in high and ultrahigh vacuum systems in the Physics Laboratories</td>
<td>Physics</td>
<td>Consolidated Electro-dynamics Corp., Pasadena, Calif.</td>
<td>$4,258.00 f.o.b. delivered</td>
</tr>
<tr>
<td>2,500 cases (approximately) canine food, special dietary, for the period July 1, 1963, through June 30, 1965</td>
<td>Veterinary</td>
<td>Holmes Serum Co., Inc., Springfield</td>
<td>$12,500.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One vacuum evaporator, automatically controlled with attachment for freeze dryer apparatus and cold cathode discharge gauge for measurement of vacuum to 2x10^-4, to be used in preparing specimens for use with an electron microscope</td>
<td>Zoology</td>
<td>MIKROS, Inc., Portland, Ore.</td>
<td>$2,853.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One composing machine, electric, office type</td>
<td>University of Illinois Committee on Mathematics</td>
<td>Varityper Corp., subsidiary of Addressograph-Multigraph Corp., Peoria</td>
<td>$3,223.00 f.o.b. delivered</td>
</tr>
<tr>
<td>One steel table for the composing machine</td>
<td>University of Illinois Committee on School Mathematics</td>
<td>Fischer Photographic Laboratory, Inc., Oak Park</td>
<td>$8,619.10 f.o.b. delivered</td>
</tr>
<tr>
<td>Eight type fonts</td>
<td>University of Illinois Committee on School Mathematics</td>
<td>Thane Building Service Co., Metropolis</td>
<td>$6,746.00 f.o.b. delivered and erected</td>
</tr>
<tr>
<td>Furnish photographic laboratory services for the period of July 1, 1963, through June 30, 1965, as follows: Process 100,000 ft. 16 m.m. black and white reversal film</td>
<td>Dixon Springs Station</td>
<td>Rockford Furniture Associates, Austin, Texas</td>
<td>$13,747.50 f.o.b. delivered</td>
</tr>
<tr>
<td>235 student desks, to be used in the housing units of Orchard Downs Addition</td>
<td>Dixon Springs Station</td>
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<tr>
<td>Item</td>
<td>Department</td>
<td>Vendor</td>
<td>Cost</td>
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<tr>
<td>Furniture for 131 family housing units (one-bedroom and two-bedroom) in the Orchard Downs Addition as follows: 235 headboard beds with metal bed frames 131 chests, five-drawer, with plastic tops 131 tables, dining 1660 chairs, dining, with upholstered seats 131 chairs, lounge, upholstered 164 sofa-bed combination units with storage drawer for the Orchard Downs Addition</td>
<td>Housing Division</td>
<td>Associated Service and Supply Co., Chicago</td>
<td>$57,241.45 f.o.b. delivered</td>
</tr>
<tr>
<td>126 refrigerators, total capacity approximately 9 cubic feet, food compartment capacity approximately 8 cubic feet, freezer chest capacity approximately 1 cubic foot, with two ice trays and one hydrator, non-automatic defrost, to be installed in Orchard Downs units which are being converted from single student housing to married student housing</td>
<td>Housing Division</td>
<td>The Englander Co., Chicago</td>
<td>29,047.68 f.o.b. delivered</td>
</tr>
<tr>
<td>Twelve sofas, 72 in., no arms, upholstered</td>
<td>Housing Division</td>
<td>Frigidaire Sales Corp., Chicago</td>
<td>13,187.16 f.o.b. delivered</td>
</tr>
<tr>
<td>Twelve benches, 60 in., upholstered</td>
<td>L. B. Herbst Corp., Chicago</td>
<td>2,830.20 f.o.b. delivered</td>
<td></td>
</tr>
<tr>
<td>To be used in Peabody Drive and Gregory Drive Men’s Residence Halls</td>
<td>Illini Union Food Service</td>
<td>William Liddell &amp; Co., Inc., New York, N.Y.</td>
<td>3,329.66 f.o.b. delivered</td>
</tr>
<tr>
<td>60½ dozen tablecloths ranging in size from 54 in. by 92 in. to 72 in. by 220 in., damask, ivy pattern, permanent finish, cotton</td>
<td>Illini Union Food Service</td>
<td>Twin City Equipment Co., Champaign</td>
<td>2,558.30 f.o.b. delivered</td>
</tr>
<tr>
<td>100 dozen napkins, 22 in. by 22 in., damask, ivy pattern, permanent finish, cotton</td>
<td>Military Property Custodian</td>
<td>Murray’s Uniform Co., St. Louis, Mo.</td>
<td>35,380.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Food handling equipment, aluminum, as follows: Twenty food storage containers with lids</td>
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<tr>
<td>Twelve dredges</td>
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<tr>
<td>Eighteen dozen pie and cake pans</td>
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<tr>
<td>Three dozen loaf pans</td>
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<tr>
<td>Six urn cups</td>
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<tr>
<td>Thirty-four dozen baking pans and roasters</td>
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<tr>
<td>Six slicers</td>
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</tr>
<tr>
<td>175 (15 per cent more or less) uniforms for Army Advanced R.O.T.C. students</td>
<td>University Press</td>
<td>Pantagraph Printing &amp; Stationery Co., Bloomington</td>
<td>20,289.12 f.o.b. delivered</td>
</tr>
<tr>
<td>138 (15 per cent more or less) uniforms for Air Force Advanced R.O.T.C. students</td>
<td>Print Shop</td>
<td>Addressograph-Multigraph Corp., Peoria</td>
<td>5,561.40 f.o.b. delivered</td>
</tr>
<tr>
<td>For use during 1963-64 academic year; students to be measured and fitted on the Urbana campus</td>
<td>Print Shop</td>
<td>G. R. Grubb &amp; Co., Champaign</td>
<td>34,800.00 f.o.b. delivered</td>
</tr>
</tbody>
</table>

Cost includes all freight charges and is subject to change based on availability and market conditions.
150 steel bookshelf units, each 36 in. wide by 9\frac{1}{2} in. deep by 84 in. high.

Laboratory gases as required by various Urbana departments for the period July 1, 1963, through June 30, 1965, in the following estimated quantities:

- Oxygen — 462,276 cubic feet
- Acetylene — 59,810 cubic feet
- Nitrogen, High Purity Dry — 347,456 cubic feet
- Nitrogen, Commercial — 33,600 cubic feet
- Helium — 15,640 cubic feet
- Hydrogen — 35,704 cubic feet
- Argon — 15,640 cubic feet
- Compressed Air — 12,760 cubic feet

Approximately 500,000 pounds of dry ice for use in research laboratories as required for the period from July 1, 1963, through June 30, 1965.

Gasoline, fuel oil, and solvent to be furnished to various University departments as requested during the two-year period July 1, 1963, through June 30, 1965.

Rental service for the two-year period July 1, 1963, through June 30, 1965, for Illini Union, Residence Halls, and Home Economics cafeteria for the following items:
- 100,000 coats, military collar, white
- 170,000 aprons, bib and waist type, white
- Uniform and linen rental services for estimated 36,822 pieces of gowns, aprons, shirts, trousers, jackets, bed and hand linens, and industrial covers for the two-year period July 1, 1963, through June 30, 1965.

Laundry services for various University departments for the period July 1, 1963, through June 30, 1965 as follows:
- Group I — general laundry services for all departments except the Physical Education schools
- Group II — laundry services for Physical Education schools

Roller towel rental service (dispensing cabinets included) for the period July 1, 1963, through June 30, 1965.

Furnish and install fire resistant acoustical tile in 35 rooms in David Kinley Hall (15), Lincoln Hall (9), Chemistry Annex (5), and English Building (6)

900 each (approximately) fixtures, fluorescent, lighting for two 40-watt lamps and four 25-watt lamps
1,400 each (approximately) louvers, plastic, cube and prism type for above fixtures
1,950 each (approximately) hangers, single stem, for above fixtures

<table>
<thead>
<tr>
<th>Item</th>
<th>Department</th>
<th>Vendor</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 steel bookshelf units</td>
<td>Office Supply Storeroom</td>
<td>The Interior Steel Equipment Co., c/o Jack Sheean, Bloomington</td>
<td>$5,056.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Laboratory gases</td>
<td>Various Departments</td>
<td>Depke Welding Supplies, Inc., Danville</td>
<td>45,884.08 f.o.b. delivered</td>
</tr>
<tr>
<td>Approximately 500,000 pounds of dry ice</td>
<td>Various Departments</td>
<td>Pure Carbonic Co., Chicago</td>
<td>20,000.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Gasoline, fuel oil, and solvent</td>
<td>Various Departments</td>
<td>Cities Service Oil Co., Champaign</td>
<td>66,000.00</td>
</tr>
<tr>
<td>Rental service</td>
<td>Various Departments</td>
<td>Illini Linen Service, Inc., Urbana</td>
<td>38,200.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Laundry services</td>
<td>Various Departments</td>
<td>Shelton Laundry, Urbana Group I</td>
<td>165,463.64</td>
</tr>
<tr>
<td>Laundry services</td>
<td>Various Departments</td>
<td>White Line Laundry, Inc., and Model Souders, Inc., Champaign Group II</td>
<td>26,208.72 (191,672.36)</td>
</tr>
<tr>
<td>Roller towel rental service</td>
<td>Physical Plant Storeroom</td>
<td>Champaign-Urbana Clean Towel Service, Champaign</td>
<td>33,000.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Two pumps, duplex, automatic return line vacuum heating, large volume air removal, complete with two two-horsepower motors and controls with each unit</td>
<td>Physical Plant</td>
<td>Nash Engineering Co., Chicago</td>
<td>4,942.50 f.o.b. delivered</td>
</tr>
<tr>
<td>Furnish and install fire resistant acoustical tile in 35 rooms</td>
<td>Physical Plant</td>
<td>Harlan E. Moore &amp; Co., Champaign</td>
<td>14,011.00 f.o.b. delivered and installed</td>
</tr>
<tr>
<td>900 each (approximately) fixtures</td>
<td>Physical Plant</td>
<td>Tepper Electric Supply Co., Champaign</td>
<td>27,901.50 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>Large lamps (incandescent, fluorescent, mercury) and photographic lamps (projection, photoflash, exciter) to be ordered as required for all three campuses during the period July 1, 1963, through June 30, 1965</td>
<td>Physical Plant</td>
<td>Tepper Electric Supply Co., Champaign</td>
<td>$152,343.75</td>
</tr>
<tr>
<td>332 (approximately) batteries, wet storage, of various standard types and sizes for automotive and laboratory use to be purchased as required during the two-year period July 1, 1963, through June 30, 1965</td>
<td>Physical Plant</td>
<td>Montgomery Ward &amp; Co., Urbana</td>
<td>3,719.00 f.o.b. delivered</td>
</tr>
<tr>
<td>2,400 (approximately) oil specimens to be analyzed for motor vehicle fleet operation during the period July 1, 1963, through June 30, 1965</td>
<td>Physical Plant</td>
<td>Faber Laboratories, Chicago</td>
<td>4,416.00 f.o.b. delivered</td>
</tr>
<tr>
<td>Lumber, miscellaneous, for the one-year period July 1, 1963, through June 30, 1964, in the following estimated quantities projected on current usage: 50,000 bd. ft. No. 3 spruce 74,000 bd. ft. construction fir 13,000 bd. ft. &quot;C&quot; select ponderosa or sugar pine 1,550 bd. ft. fir flooring, clear, edge grain</td>
<td>Physical Plant</td>
<td>Hillcrest Lumber Co., Champaign</td>
<td>20,026.26 f.o.b. delivered</td>
</tr>
<tr>
<td>Plywood, Douglas Fir, for one-year period July 1, 1963, through June 30, 1964, as follows: 123 sheets exterior A-A 185 sheets exterior A-B 1,890 sheets interior A-B 450 sheets interior A-D 250 sheets interior C-D</td>
<td>Physical Plant</td>
<td>Long Lumber Co., Champaign</td>
<td>12,712.66 f.o.b. delivered</td>
</tr>
<tr>
<td>3,000 tons (approximately) sand, trench backfill, as required from July 1, 1963, through June 30, 1965, to be used by Physical Plant Department for various jobs around the Urbana campus</td>
<td>Physical Plant</td>
<td>Somers-Barr Co., Inc., Urbana</td>
<td>3,900.00 f.o.b. delivered</td>
</tr>
<tr>
<td>400 yards (approximately) concrete, ready mixed for two-year period July 1, 1963, through June 30, 1965, to be obtained as needed by Physical Plant Department for various jobs around the Urbana campus</td>
<td>Physical Plant</td>
<td>Alpha Material &amp; Fuel Co., Champaign</td>
<td>6,510.00 f.o.b. delivered</td>
</tr>
<tr>
<td>18,100 (approximately) building blocks, concrete and haydite, for two-year period, for use by Physical Plant Department for various jobs on the Urbana campus</td>
<td>Physical Plant</td>
<td>Odman-Hecker &amp; Co., Inc., Urbana</td>
<td>3,910.75 f.o.b. delivered</td>
</tr>
<tr>
<td>Building materials as required by the Physical Plant Department in small quantities, for one year from July 1, 1963, as follows: 800 sheets tapered edge wallboard 229 sheets asbestos board 100 sheets pressed fibre board 100 sheets insulation board 320 sheets tempered hardboard 50 sheets tempered pegboard</td>
<td>Physical Plant</td>
<td>Long Lumber Co., Champaign</td>
<td>5,134.80 f.o.b. delivered</td>
</tr>
<tr>
<td>6,000 tons (approximately) crushed road stone binder, No. 8, to be used by Physical Plant Department in various jobs on the Urbana campus over a two-year period</td>
<td>Physical Plant</td>
<td>Harold D. Smith Trucking, Camargo</td>
<td>16,200.00 f.o.b. delivered</td>
</tr>
<tr>
<td>1,000 tons (approximately) crushed rock, class X, to be obtained as needed by Physical Plant Department for various jobs on Urbana campus during period July 1, 1963, through June 30, 1965</td>
<td>Physical Plant</td>
<td>Alpha Material &amp; Fuel Co., Champaign</td>
<td>2,646.60 f.o.b. delivered</td>
</tr>
</tbody>
</table>
On motion of Mr. Johnston, these purchases were authorized.

JULY AND AUGUST MEETINGS

The Board has previously considered changing the date of its regular July meeting, and President Clement inquired if the Trustees wish to take any action at this time. He also asked if the Board desires to hold a regular meeting in August.

On motion of Mr. Swain, the Board voted to change the date of its regular July meeting from Wednesday, July 17, to Tuesday, July 2, 1963, this meeting to be held in Chicago.

On motion of Mr. Johnston, the Board voted to change the date of its August meeting from Wednesday, August 21, to Thursday, August 1, 1963, to be held in Chicago, with the understanding that if the volume of business does not justify holding a meeting of the full Board, the President will order it cancelled and will call a meeting of the Executive Committee which the other Trustees will be invited to attend.

President Clement reminded the Board that its regular September meeting will be held on Wednesday, September 18, 1963, and that this meeting should be held in Urbana.
The Secretary presented for record the following lists of degrees conferred on candidates at the Medical Center campus on June 7, 1963, and on the other dates indicated, and on candidates at the Urbana-Champaign campus on June 15, 1963, in accordance with the authorization of the Board of Trustees.

### Summary

#### Honorary Degrees, conferred at Urbana:
- Doctor of Laws: 1
- Doctor of Science: 3

#### Degrees in the Graduate College, conferred at Urbana:
- Doctor of Philosophy: 146
- Doctor of Education: 8
- Doctor of Business Administration: 1
- Master of Arts: 146
- Master of Science: 346
- Master of Music: 10
- Master of Education: 88
- Master of Social Work: 29
- Master of Fine Arts: 6
- Master of Accounting Science: 7
- Master of Architecture: 4
- Master of Comparative Law: 1
- Master of Commerce: 2
- Master of Business Administration: 5
- Advanced Certificate in Education: 16

Total, Graduate College: (815)

#### Degrees in Law, conferred at Urbana:
- Bachelor of Laws: 49

#### Degrees in Veterinary Medicine, conferred at Urbana:
- Bachelor of Science: 26
- Doctor of Veterinary Medicine: 31

Total, Veterinary Medicine: (57)

#### Baccalaureate Degrees, conferred at Urbana:
- Bachelor of Science, College of Agriculture: 170
- Bachelor of Science, College of Engineering: 339
- Bachelor of Arts, College of Liberal Arts and Sciences: 417
- Bachelor of Science, College of Liberal Arts and Sciences: 252
- Bachelor of Science, College of Education: 174
- Bachelor of Science, College of Commerce and Business Administration: 296
- Bachelor of Science, College of Journalism and Communications: 53
- Bachelor of Architecture, College of Fine and Applied Arts: 68
- Bachelor of Fine Arts, College of Fine and Applied Arts: 69
- Bachelor of Music, College of Fine and Applied Arts: 6
- Bachelor of Science, College of Fine and Applied Arts: 40
- Bachelor of Science, College of Physical Education: 49

Total, Baccalaureate Degrees: (1,933)
Total, Degrees Conferred at Urbana: (2,858)

#### Honorary Degrees, conferred at Chicago:
- Doctor of Science: 1

#### Degrees in the Graduate College, conferred at Chicago:
- Doctor of Philosophy: 17
- Master of Science: 37

Total, Graduate College: (54)
Degrees in Dentistry, conferred at Chicago:
  Bachelor of Science .................................................. 49
  Doctor of Dental Surgery ........................................... 78
  Total, Dentistry ................................................... (127)

Degrees in Medicine, conferred at Chicago:
  Bachelor of Science in Occupational Therapy .................... 10
  Doctor of Medicine .................................................. 192
  Total, Medicine ................................................... (202)

Degrees in Nursing, conferred at Chicago:
  Bachelor of Science .................................................. 29

Degrees in Pharmacy, conferred at Chicago:
  Bachelor of Science .................................................. 132
  Total, Degrees Conferred at Chicago ............................. (545)
  Total, Urbana and Chicago ....................................... 3,403

Degrees Conferred at Urbana

HONORARY DEGREES
Degree of Doctor of Laws

Degree of Doctor of Science
GEORGE WELLS BEADLE, Ph.D., D.Sc.
CARL SHIPP MARVEL, Ph.D., D.Sc.
CLARENCE SAMUEL ROSS, Ph.D.

GRADUATE COLLEGE
Degree of Doctor of Philosophy
  In Accountancy
ALFRED RAPPAPORT, B.B.A., Western Reserve University, 1954; M.S., 1961

  In Agricultural Economics
HIROSHI NAKAMURA, A.B., Tokyo University of Foreign Studies, 1954
LeROY FRANCIS ROGERS, B.S., California State Polytechnic College, 1954; M.S.,
   Oregon State College, 1958
PEDRO R. Sandoval, B.S., University of the Philippines, 1946; M.S., University
   of Minnesota, 1956
HERBERT HOrST STOEVENER, B.S., Cornell University, 1958; M.S., 1962

  In Agronomy
JALMER JOHN JOKELA, B.S., M.S., University of Minnesota, 1947, 1951

  In Animal Nutrition
CHITRA SEN BISWAS, B.S., M.S., University of Calcutta, 1956, 1959
JAMES DAVID ERFILE, B.S.A., M.S., University of Saskatchewan, 1957, 1959

  In Biophysics
HIROSHI Mizukami, A.B., International Christian University, 1957

  In Botany
ELMER BURTON HADLEY, A.B., University of California (Santa Barbara), 1958;
  M.S., 1960
VERE AUGUST McMHAON, B.S., St. Cloud State College, 1957; M.S., 1959
IKUKO FUKUDA MIZUKAMI, A.B., International Christian University, 1957; M.S.,
  1958
In Business
GEORGE DAOU KANAWATY, B.S., Alexandria University, 1950; M.S., 1961
CLARENCE ALBERT SIMS, B.S., M.S., 1942, 1946
DON ROBERT WEBB, B.S., M.S., University of Missouri, 1952, 1958

In Ceramic Engineering
HUBERT RICHARD THORNTON, B.S., M.S., Alfred University, 1954, 1957

In Chemical Engineering
BILLY MONROE RIGGLEMAN, B.S., West Virginia University, 1959; M.S., 1961
PAUL VAN SHAW, B.S., M.S., University of Nebraska, 1957, 1960
CLYDE QUITMAN SHEELY, Jr., B.S., Mississippi State University, 1959; M.S., 1961
ROBERT ANTON STAGER, B.ASc., A.M., University of Toronto, 1959, 1960

In Chemistry
ROBERT HANEN CARNIGHAN, A.B., Kenyon College, 1959
JOHN TIMOTHY DONOHUE, B.S., M.S., University of Massachusetts, 1958, 1960
JAMES LORAN FOCHT, B.S., University of Akron, 1958; M.S., 1960
CARLTON DAN FOOTE, A.B., Central College, 1957
PATRICK EDWARD GIUBE, B.S., University of Arkansas, 1958
ALEXANDER KEITH JAMESON, B.S., B.E.S., M.S., Brigham Young University, 1956, 1957, 1957
THOMAS HERBERT KINSTLE, A.B., Bowling Green State University, 1958
BRUCE HOLMES KLANDERMAN, A.B., Calvin College, 1959; M.S., 1961
THOMAS WILLIAM KOENIG, B.S., Southern Methodist University, 1959; M.S., 1961
DAVID LEE LYDY, A.B., Indiana University, 1958
CHARLES DEAN MITCHELL, A.B., Monmouth College, 1957; M.S., 1961
BEULAH MARIE WOODFIN, A.B., Vanderbilt University, 1958; M.S., 1960

In Civil Engineering
PETER KUANG-HSUN DAI, B.S., Taiwan Provincial Cheng Kung University, 1957; M.S., 1960
GEORGE WATKINS GREENWOOD, B.S., University of Maine, 1951; M.S., 1960
GOIN NEIL HARPER, B.S., Massachusetts Institute of Technology, 1959; M.S., 1961
PEDRO JIMENEZ QUIÑONES, B.S., University of Puerto Rico, 1952; M.S., 1957
KAMRAN MAJIDZADEH, Diploma, Teheran University, 1959; M.S., 1960
JOHN DONALD PETERS, B.S., M.S., 1956, 1960
HEDELEY EDMUND HERBERT ROY, B.ASc., University of Toronto, 1955; M.S., 1960
MORTIMER DANIEL VANDERBILT, B.S., Ohio University, 1957; M.S., 1961
RICHARD EARL WOODRING, B.S., Drexel Institute of Technology, 1954; M.S., 1956

In Communications
JEAN PRANINSKAS, A.B., New York University, 1948; A.M., University of Michigan, 1950

In Dairy Technology
MICHAEL EDGEcombe STILES, B.S., M.S., University of Natal, 1957, 1959

In Economics
MICHAEL EDWARD DE PRANO, A.B., Northwestern University, 1955
JOSEPH VAN FENSTERMAKER, B.S., A.M., Kent State University, 1958, 1959
ADOLPH EMANUEL MARK, A.B., De Paul University, 1950; A.M., University of Michigan, 1954
EDWARD DONALD ONANIAN, A.B., Brown University, 1958; A.M., 1961

In Education
DALE EUGENE KAISER, B.S., M.S., 1954, 1960
THOMAS EUGENE SPENCER, A.B., A.M., Ball State Teachers College, 1954, 1957
RUTH CAMERON WEBB, A.B., Drew University, 1948; A.M., Syracuse University, 1949

In Electrical Engineering
DON ROBERT ALLEN, B.S., University of Michigan, 1948; M.S., Massachusetts Institute of Technology, 1950
JACK ROGER BAIRD, B.S., M.S., 1958, 1959
KEITH GEORGE BALMAIN, B.A.Sc., University of Toronto, 1957; M.S., 1959
EDWARD PAUL BIALECKE, JR., B.S., M.S., 1956, 1958
JOHN CHARLES ELSEY, B.S., University of Utah, 1956; M.S., Massachusetts Institute of Technology, 1960
JAMES BERNARD GERARDO, B.S., M.S., 1959, 1960
ROBERT WILLIAM KAFFKA, B.S., M.S., 1958, 1959
STEPHEN JAMES KAHNE, B.E.E., Cornell University, 1960; M.S., 1961
PAUL WILLIAM KLOCK, B.S., University of Missouri, 1957; M.S., 1958
ROBERT HENRY MACPHELIE, B.A.Sc., University of Toronto, 1957; M.S., 1959
JAMES HARWOOD PUGSLEY, A.B., Oberlin College, 1956; M.S., 1958
SERGIO TELLES RIBEIRO, Eng., Technical Institute of Aeronautics (Brazil), 1957; M.S., 1961
FRED JEROME ROSENBAUM, B.S., M.S., 1959, 1960
RICHARD ROBERT SHIVELY, B.S., M.S., 1956, 1957
ROBERT JOSEPH STRAIN, B.S., M.S., 1958, 1959

In English

CAROLYN SUE FAULK, A.B., Alabama Polytechnic Institute, 1955; A.M., 1957
CHARLES KOBAN, A.B., Pennsylvania State University, 1958; A.M., Columbia University, 1960
KENNETH LEE LEDBETTER, A.B., Central College, 1956; A.M., 1957
GENE EMERSON MOROKOFF, A.B., Beloit College, 1949; A.M., University of North Carolina, 1951
EMILY STIPES WATTS, A.B., A.M., 1958, 1959

In Entomology

JOHN FREDRIC ANDERSON, B.S., M.S., North Dakota Agricultural College, 1957, 1959
RONALD HARMON MEYER, B.S., M.S., 1951, 1956
WILLIAM CHARLES MOYE, B.S., Southern Illinois University, 1958; M.S., 1960
JAMES WALKER SANFORD, B.S., 1958

In Finance

DAVID EDWIN PETERSON, B.S., M.S., 1959, 1961

In Food Technology

DEMETRIOSS PYRIDON SCOUTAS, Diploma, University of Salonika, 1954

In French

CHARLES ALOYSIUS BAKER, JR., A.B., A.M., Boston College, 1955, 1956
RUTH RINGLAND RAINS, B.S., A.M., 1948, 1956
JOSEPH GARDNER WEBER, A.B., Princeton University, 1953; A.M., 1957

In Geography

RICHARD WARWICK ARMSTRONG, A.B., A.M., University of Auckland, 1957, 1959

In Geology

ROBERT NORMAN FARVOLDEN, B.S., M.S., University of Alberta, 1951, 1958
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PAUL WARREN HUGHES, B.S., Oregon State College, 1948; M.S., University of Arizona, 1950
NEAL RAY O'BRIEN, A.B., DePauw University, 1959; M.S., 1961
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Simms Samuel Blakney, A.B., Tougaloo College, 1950; M.S., 1955
Marvin Willard Grossman, A.B., Queens College, 1959; M.S., 1960
John Henry Harris, B.S., M.S., 1958, 1959
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In Mechanical Engineering
Alva Leroy Addy, B.S., South Dakota School of Mining and Technology, 1958; M.S., University of Cincinnati, 1960
Stephen Robert Davis, B.S., Drexel Institute of Technology, 1950; M.M.E., University of Delaware, 1955
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In Metallurgical Engineering
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Wen-Tah Hsu, A.B., National Taiwan University, 1954
Tamiko Kano-Sueoka, A.B., Kyoto University, 1956; A.M., Radcliffe College, 1960

In Musicology
Alan Stanley Curtis, B.Mus., Michigan State College, 1955; M.Mus., 1956

In Philosophy
James Sayer Minas, A.B., Wayne State University, 1950

In Physical Education
Annelis Strange Hoyman, Certificate, Nathalie Zahles Teachers College (Denmark), 1942; Certificate, Denmarks Højskole Legemssvælser (Denmark), 1943; M.S., 1952
Roy Jacob Keller, B.S., Winona State Teachers College, 1953; M.S., State College of Washington, 1955

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DARIARI LAL SHARMA, A.B., A.M., University of Panjab, 1944, 1947
ERNST VICTOR WILMS, B.S., University of Manitoba, 1958; M.S., 1960

In Zoology
MAJID AHMED AL-RADHAWY, License, Higher Teachers College (Iraq), 1954; M.S., Kansas State University, 1958
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WARREN WILLIAM LUTZ, B.Mus., 1949; A.M., University of Kentucky, 1950
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FLOYD EARL WILMORE, B.S., Brigham Young University, 1960
MELVIN CLEO WITHNELL, B.S., North Dakota State Teachers College (Valley City), 1951; M.S., University of North Dakota, 1958
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LEON FERN, B.S., Bradley University, 1959

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MAN SINGH DAS, B.S., University of Allahabad, 1955; B.D., Serampore College, 1958; M.T., Princeton Theological Seminary, 1960; A.M. (Education), Morehead State College, 1961
JAMES WILLIAM HARRIS, A.B., 1960
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JUDITH BAYER WHITE, B.S., 1959

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ROBERT BRODY, A.B., Rutgers University, 1962
VIRGINIA CHERISTINE BURBRIDGE, A.B., University of Delaware, 1962
SUSAN ANNE CALKINS, A.B., Kalamazoo College, 1961
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GERALD WEGENER PETERSEN, A.B., Brigham Young University, 1961
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SARAH JANE HOWARD, A.B., Phillips University, 1962
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In the Teaching of English
MARCIA SUZANNE KUHN, A.B., Pennsylvania State University, 1962
BARBARA ANNE MCCALL, A.B., George Washington University, 1953

In the Teaching of German
BEVERLY PAUL BOARDMAN, A.B., Mount Holyoke College, 1959
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Krishan Kumar Jain, B.S., University of Delhi, 1954; B.Eng., University of Roorkee, 1957
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HAROLD SHECHMAN, B.S.E., University of Michigan, 1962
JOHN LUCIAN SPELLMAN, B.S., 1962
SHEO PRASAD SRIVASTAVA, B.S., M.S., Benares Hindu University, 1951, 1953
THOMAS JOHN ULASZEK, B.S., 1962
TAKAO UTSUMI, B.S., University of Tokyo, 1956
PAUL FRANCIS VIROBIK, B.S., 1962
RICHARD JAMES WALLSTROM, B.S., 1959
RICHARD MICHAEL WHITE, B.S., 1962
ROBERT EDWARD WILLARD, B.S., 1962
WILLIAM ALLAN WULF, B.S., 1961

In Entomology

JOHN DUANE UNZICKER, B.S., 1962

In Food Technology

FRANK THEODOR BURGHEIMER, B.S., Cornell University, 1962

In Geology

MOHAMED TAHSA EL-ASHRY, B.S., Cairo University, 1959
JACK ROGER PALOMINO CARDENAS, Ing.Geol., National University of San Marcos (Peru), 1961

In Health Education

MICHAEL HERBERT MOSTOW, B.S., Brooklyn College, 1962
ZANDER PONZO, B.S., College of the City of New York, 1962

In Home Economics

SARA UMBERGER DOUGLAS, B.S., Kansas State University, 1961
AUDREY GONERT GIESEKING, B.S., 1961
CORINNE PETRUSIA MARIE GRESCHUK, B.S., University of Alberta, 1961
JUNE LOUISE HEFTER, B.S., 1960
QUEI-SHIOW HWANG, B.S., National Taiwan University, 1960
NANCY LEE OVERPECK KEPLER, B.S., University of Miami, 1960

In Home Economics Education

GLENNA JEAN BLUNIER, B.S., 1961

In Horticulture

BHOLA NATH MAZUMDAR, B.S., Benares Hindu University, 1948

In Journalism

IRA LEE BAKER, A.B., Wake Forest College, 1936; A.M., Columbia University, 1952

In Library Science

MARY JOYCE BAKER, A.B., Simpson College, 1962
ANNA MARIE BOSELY, A.B., West Virginia University, 1962
MARY HUDSON BRICKLEY, A.B., 1962
MARGARET GODDY BROCKMEYER, A.B., Cornell College, 1958
CARRI LOE DOTY, B.S., Wheaton College (Illinois), 1954
LUCY EMILY GRIMY, A.B., Dickinson College, 1961
SAUNDRA BETH HARRY, B.S., University of Omaha, 1957
LORRAINE ETHEL HARTWICK, A.B., Augustana College, 1958
SANDRA OTT HERZINGER, A.B., Nebraska Wesleyan University, 1960
CLAYTON DOUGLAS HIGHUM, B.S., Mayville State Teachers College, 1956; M.S.,
           State Teachers College (St. Cloud, Minnesota), 1960
PATRICIA ANN HUDSON, B.S., 1958
EVELYN LEONA JOHNSON, A.B., Augustana College, 1953
MARY MCANULTY LANDON, A.B., North Texas State University, 1961
JULIA YUN-CHI TANG LEE, A.B., National Taiwan University, 1956
WEI-CHING LEE, A.B., National Taiwan University, 1955; M.S., Southern Illinois University, 1962
RUTH GODFREY LINDAHL, A.B., 1958
GERALDINE MARILYN LONG, A.B., Asbury College, 1958
SARA FISTER MACALPINE, A.B., Syracuse University, 1931
CLOE LOIS BEDFORD OSBORN, B.S., A.M., 1938, 1957
MARGARET KAREN PALMER, A.B., Washington University, 1961
JOHNNIE LOUISE PHILLIPS, B.S., Loyola University, 1961
ALBERTA LOUISE RICHELTELL, B.S., New Haven State Teachers College, 1961
WILBUR KIRKWOOD ROSENKRANZ, B.S., 1962
JOHN BARTHOLOMEW ST. Leger, A.B., A.M., University of Richmond, 1956, 1961
ROZELLA BLOOD SMITH, A.B., M.S., University of Wichita, 1932, 1933
MARY EILEN SOFER, A.B., 1955
TED PILO SWEGLE, A.B., University of Florida, 1960
MATILDA THOMPSON STARES, A.B., University of Oklahoma, 1941
KAREN ELAINE SUTHERLAND, A.B., Carroll College, 1962
SAMUEL CURTIS TEFFT, A.B., Grinnell College, 1962
ELIZABETH SCROGHAM VIERLING, B.S., 1962
MARILYN RUTH VOGELLE, A.B., University of Colorado, 1958
LUCILLE MATHENA WERT, A.B., Morningside College, 1942; B.S., Simmons College, 1945
PATRICIA JEAN WILSON, A.B., 1962

In Management

EDWARD THOMAS GRAENING, B.S., Evansville College, 1958
ROBERT ROY WEHRLE, B.S., 1958

In Marketing

JOSEPH WELLS SKIEHEN, B.S., 1960

In Mathematics

ROBERT JEFFERY ALEXANDER, B.S., Bowling Green State University, 1961
ROBERT EDWARD COMLEY, B.S., M.S., State University of New York College of Education (Albany), 1955, 1957
CHARLES GOOD DENLINGER, A.B., Elizabethtown College, 1961
GORDON KENDRICK DICKER, B.S., United States Military Academy, 1947; M.S. (Physics), 1952
DAVID JOSEPH GRIES, B.S., Queens College, 1960
TERRANCE JOSEPH HOBIN, B.S., Illinois Institute of Technology, 1961
KAREN ESTELLE KRULL, A.B., Carthage College, 1961
FREESLEY WARWICK MILLAR, A.B., Brown University, 1961
PHILIP NEWCOMB NANZETTA, B.S., North Carolina State College of Agriculture and Engineering, 1962
BARBARA JEAN PARDINI, B.S., 1960
THOMAS GEORGE RALLEY, B.S., Illinois Institute of Technology, 1961
WILLIAM ALBERT SANDERS, A.B., Rockford College, 1962
PAUL HANSON TINGLEFF, B.S., 1961
GARY ROGER TIPPELT, B.S., Bradley University, 1961
ROBERT GREIG WARD, A.B., DePauw University, 1955
In Mechanical Engineering

GENE FREDERICK AHLQUIST, B.S., 1962
HARRY GEORGE BECKENHOLDT, B.S., St. Louis University, 1962
ROBERT WINFRED BUNTON, B.S., United States Military Academy, 1961
CHARLES RAYMOND CASTELLANO, B.S., University of New Hampshire, 1961
PROBIK KUMAR CHATTERJEE, B.S., Bihar University, 1954; B.Tech., Indian Institute of Technology, 1958
KWANG-YEH CHEN, Graduate, National Amoy University, 1946
TENG HSUEH CHUANG, B.S., National Taiwan University, 1960
ROBERT EUGENE EILERS, B.S., 1961
WAAFAT MAHMOUD HUSSEN EL-BARRAD, B.S., Ain Shams University, 1952
FLOYD CORLISS HAYES, B.S., 1962
CLINTON PERCIVAL RHICARD, B.S., Norwich University, 1957
JOE EDWARD SANDERS, B.S., United States Military Academy, 1956
JAMES MARTIN SIGLER, B.S., United States Military Academy, 1958
JAMES JOSEPH STUREL, B.S., Purdue University, 1959
DANIEL WILLIAM SUTHERLAND, B.S., University of Colorado, 1961
CLINTON PERCIVAL TEIGEN, B.S., Montana State College, 1962

PATRICIA MAE BUNN, A.B., St. Joseph College (Connecticut), 1960
JON OTTO NELSON, B.S., Purdue University, 1961
ROBERT PAUL ZERWEKH, B.S., University of Missouri School of Mines and Metallurgy, 1961

SONDRA STEIN, B.S., 1962

In Mining Engineering

DILIP KUMAR SEN, B.S., University of Calcutta, 1942; Diploma, Indian School of Mines, 1948

In Music Education

JAMES ZUILL BAILEY, B.S., East Carolina College, 1962
MICHAEL DONALD BENNETT, B.Mus., University of Arizona, 1960
TERRY JAY BRENNAN, B.Mus., MacMurray College, 1962
GLEN ROY DANIELSON, B.Mus.Ed., Milton College, 1959
MICHAEL JOHN DELANEY, A.B., Elmhurst College, 1957
BONZIE MAE GILBERT, B.Mus., Baldwin-Wallace College, 1957
TERRY HOWARD HAYNES, B.S., Ithaca College, 1961
JAMES BROWN LYKE, B.S., State University of New York College of Education (Fredonia), 1954; A.M., Teachers College, Columbia University, 1959
LAURENCE ALFRED MACK, B.Mus.Ed., Northwestern University, 1962
Eddie Spencer Meadows, B.S., Tennessee Agricultural and Industrial State University, 1962
MARSHALL DUSCH ROBERTS, B.Mus., MacMurray College, 1951
BYRON LEOl RODERICK, B.S., Illinois State Normal University, 1962
GAYLORD DEAN SPOTTES, B.S., 1956
WILLIAM HARPER TREXLER, B.S., 1960
ARLENE JOANNE VERBESKI, B.Mus., 1961
JAMES RONALD VON FELDT, B.Mus.Ed., University of Wichita, 1962
BENJAMIN EDWARD WILLIAMS, B.S., 1957
BENJAMIN WILSON WOODRUFF, Jr., A.B., University of South Carolina, 1961

In Nuclear Engineering

BERNARD HUGH CHERRY, B.S., 1962
KIN YING CHEUNG, B.S., University of Michigan, 1961
NELSON SUTTON DEMUTH, Jr., B.S., Virginia Polytechnic Institute, 1961
JOHN PHILIP KUTZ, B.S., 1962
WILLIAM JOSEPH WESTHOFF, Geophysical Engr., Colorado School of Mines, 1955; M.S. (Civil Engineering), 1963
SAIYID MOHAMMED NAQI ZAIDI, B.S., Aligarh Muslem University, 1950; M.S., University of Colorado, 1956
In Physical Education

JAMES HAROLD BISHOFF, B.S., 1962
RAYMOND FRITZIOF CARSON, A.B., Augustana College, 1961
WILLIAM LEAS HASKELL, A.B., University of California (Santa Barbara), 1960
KATHLEEN FRANCES HEATH, A.B., Marylhurst College, 1953

In Physics

JOHN LAURENCE ANDERSON, Jr., B.S., Eastern Kentucky State College, 1961
ANDRAS MIKLOS BARDOS, B.S., Matura, Budapest, 1956; B.S., 1962
WILLIAM ERIC BAYLIS, B.S., Duke University, 1961
EUGENE WILLIAM BEIER, B.S., Stanford University, 1961
CHEUK-KIN CHAU, A.B., MacMurray College, 1962
FREDERICK YI-TUNG CHO, B.S., University of California (Los Angeles), 1962
DONALD JOHN DESMET, B.S., 1962
RONALD HART DURRETT, B.S., 1962
CHARLES ARTHUR EBER, A.B., Cornell University, 1962
JOSE GRANES SELLARES, B.S., 1962
DAVID GORDON HAMBLEN, A.B., Williams College, 1962
ROBERT WILLIAM HOSKEN, B.E.E., Polytechnic Institute of Brooklyn, 1961
BRIAN CHARLES KOLETO, B.S., 1962
ALFRED ADAM KUCLER, B.S., McMaster University, 1962
TAE JU RN LIE, B.S., Seoul National University, 1958
WILLIAM ROBERT LIEB, B.S., 1962
JOHN HOOD LOWENSTEIN, A.B., Harvard College, 1962
GEROLD LLOYD McNATT, B.S., Wheaton College, 1962
EDGAR EUGENE MORRIS, B.S., Ottawa University, 1961
MILES ANTHONY NELSON, B.S., 1962
KAUNG NYUNT, B.S., University of Rangoon, 1959
WILLIAM DOUGLAS PHELPS, B.S., University of Massachusetts, 1961
ROBERT FRANCIS PIERRER, B.S., Case Institute of Technology, 1962
CHARLES GORDON ROBBINS, B.S., Massachusetts Institute of Technology, 1961
DAVID ALLAN ROBINSON, B.S., Stanford University, 1961
FREDRICH ADAM ROHATSCH, B.S., 1962
JEFFREY DAVID ROSENHAL, A.B., Williams College, 1962
ALEXANDER SHAPIRO, B.S., McGill University, 1961
JOHN ERNEST SMITH, Jr., B.S., Massachusetts Institute of Technology, 1961
VICTOR G. STOTLAND, B.S., Illinois Institute of Technology, 1962
ROY CANNON THATCHER, B.S., Stanford University, 1961
THERESA SHU-YI WANG, B.S., National Taiwan University, 1960
DAVID WALTER WILSON, B.S., 1961
MARVIN JOHN WOODRING, B.S., Montana State College, 1959

In Physiology

JAMES MELVIN FREED, B.S., McPherson College, 1961
KEUN SHIL LEE, B.S., Yonsei University (Korea), 1959
JERRY ROYCE REEL, A.B., Indiana State Teachers College, 1960
JAMES MICHAEL WALIGORA, B.S., 1961
HARVE CLARK WILSON, A.B., Indiana University, 1961
JOHN DRENNAN WILSON, A.B., Carleton College, 1960

In Plant Pathology

JAMES ARTHUR BAULING, B.S., 1961

In Radio and Television

ROBERT ORAL ENDRES, B.S., 1962
MARY ALICE MAYER, A.B., Clarke College, 1962

In Recreation

DAVID LEE GOSSARD, B.S., 1961
JAMES LEROY THOMAS, A.B., Cornell College, 1959

In Sanitary Engineering

SAMBHUNATH GHOSH, B.Eng., University of Calcutta, 1956
RICHARD PAUL KAPTAIN, B.S., 1954
BOARD OF TRUSTEES

LOUIS WILLIAM LEFKE, B.S., 1958
DONALD WAYNE NEIBEL, B.S., 1961
CHARLES HAYDEN SMITH, B.S., 1955

In Speech Correction
JUDITH ANN COOK, A.B., Mundelein College, 1962

In the Teaching of Biological Sciences and General Science
LAWRENCE BERNARD BRUEGGEMAN, B.S., 1952
ROBERT KEITH HANSON, B.S., Illinois State Normal University, 1960

In the Teaching of Chemistry
KEITH MELVIN LEEDY, B.S., 1962
MARVIN FRANCIS MEISSLER, B.S., 1958

In the Teaching of Mathematics
DAVID KYDD BATCHelor, B.S., South Dakota State College, 1962
FREMONT CHESTER FERCHEN, B.S., Niagara University, 1950
DAVID PAUL LIEBCHEN, B.S., Capital University, 1962
KENNETH LEE MCCORD, B.S., Nebraska State Teachers College (Kearney), 1950
INEZ WHEELER WESTGATE, A.B., Radcliffe College, 1961
RONDALL TODD WRIGHT, B.S., 1959

In Theoretical and Applied Mechanics
CARSON THURSTON BROWN, B.S., 1962
PETER JANZEN, B.S., University of Alberta, 1961
ERNEST VANCE LENZI, B.S., 1962
JOHN DAVID MARTIN, B.S., Virginia Polytechnic Institute, 1961
TOM MAX MULCAHY, B.S., 1961
WALLACE WILLIAM NOLL, B.S., United States Military Academy, 1953
CLAUDIO EDMONDO TODESCINI, B.S., University of Capetown, 1959
WILLIAM ALAN VAN DER SLUYS, B.S., Michigan College of Mining and Technology, 1961
EDWARD MING CHI WU, B.S., 1960

In Veterinary Medical Science
MICHEL G. COTÉ, Certificate, School of Veterinary Medicine of Quebec, 1960
BRONISLAW MENDELWSKI, Vet.Physician, Veterinary College of Edinburgh, 1944
HARRY AARON REYNOLDS, Jr., A.B., Gettysburg College, 1952; D.V.M., University of Pennsylvania, 1956
JAMES BRANNON SHARP, Jr., D.V.M., University of Georgia, 1956
LAL MADIHO SINGH, B.V.Sc. and A.H., Agra University, 1960

In Zoology
ROLLIN DAVID ANDREWS III, B.S., Eastern Illinois University, 1955
RUSSELL PAUL BALDA, B.S., Wisconsin State College (Oshkosh), 1961
WILLIAM STEWART BROOKS, A.B., Ripon College, 1960
LOIS STEVEN HAERTEL, B.S., 1961
HAROLD WILLIAM LUNT, A.B., University of California (Santa Barbara), 1956
JAMES WAYNE TATE, B.S., Northern Illinois University, 1960
DONALD KRAFT UNDERHILL, A.B., University of Minnesota, 1959

Degree of Master of Music
JON WARD BAUMAN, B.Mus., University of Colorado, 1961
EDWARD GLEN HULL, B.Mus., Syracuse University, 1962
ALBERT DUNNING KING, B.Mus., Houghton College, 1961
KENNETH ROBERT MARSHALL, B.Mus., B.S., 1961, 1962
ALAN MILLER PORTER, B.Mus., Mount Union College, 1961
WILLIAM DONALD RANKIN, A.B., B.Mus., Oberlin College, 1961, 1961
DAVID ROBERT WHALEY, B.Mus.Ed., Drake University, 1961
RONALD ALVIN WORSTELL, B.Mus., 1961
Degree of Master of Education

CYNTHIA JANICE ALLEN, B.S., 1959
LORNA JEAN ANDERSON, B.S., Eastern Illinois University, 1958
JOHN EDWARD ARNOLD, A.B., University of Tulsa, 1960
ROBERT JAMES BECK, B.S., 1960
JAMES DOUGLAS BERIS, B.S., Eastern Illinois University, 1959
JEROLD EDWARD BIRKLEY, B.S., 1958
HAROLD EMANUEL BLEHM, B.S., University of Maryland, 1959
ROBERT JAMES BRIGGS, B.S., Western Illinois University, 1960
CHARLES NED BROWN, A.B., McKendree College, 1958
DONALD ALAN BUSH, B.S., 1961
JOHN McTAGGART BUSTARD, B.S., 1960
ARNOLD NORMBERT CAJET, B.S., 1957
ALPHONSE DUANE CERASOLI, B.S., Illinois State Normal University, 1961
JAMES CHRISTENSEN, Jr., A.B., Barrington College, 1951; A.B., Millikin University, 1962

GRACE LOTTIE CHYNOWETH, B.S., Michigan State University, 1957
LOUISE LIENESCH CLEM, B.S., Southern Illinois University, 1949
WALTZ VERNON CONNER, A.B., University of Kentucky, 1952
HURLEY DAMERON COUSE, B.S., University of Missouri, 1960
MARVIN ARTHUR DAMRON, B.S., 1958
JOAN DAVIS, A.B., 1962
WAYNE LAVERNE DEAL, A.B., Greenville College, 1958
RICHARD CHARLES DEVECCHIO, B.S., Illinois State Normal University, 1960
NORMAN STANLEY DOUGLAS, B.S., Southern Illinois University, 1956
GERALD ULRICH FAIN, A.B., State College of Iowa, 1956
JOSEPH JEFFERY FINLEY, B.S., Bishop College, 1951
JAMES WILLIAM FORAN, B.S., Eastern Illinois University, 1960
LEROY JOHN FREDERICHES, B.S., 1959
SUSAN JEAN KAHN FUNKHOUSER, B.S., 1959
ANITA ELSER GAFFNEY, B.S., 1961

DE LWIN LEE GERSICE, B.S., Eastern Illinois University, 1957
JERRY LEE GIFFORD, B.S., Illinois State Normal University, 1958
MARCIA GLASGOW, B.S., 1961
FLORENCE ROBERTS GOEDDE, A.B., Washington University, 1956
JERRY LEE GREER, B.S., Central Missouri State College, 1960
MARSHA JACOB HARKIN, A.B., Syracuse University, 1961
MARSHA HUXTABLE HARRIS, B.S., 1962
WILLIAM EDWARD HAWORTH, B.S., Ball State Teachers College, 1959
EDWARD EARL HAYES, B.S., Illinois State Normal University, 1955
Dwight George Heckert, B.S., 1962
MARGARET MARY HEISCHMIDT, B.S., Eastern Illinois University, 1959
BETTY BLACK HENRY, B.S., 1959
LAUREN EDWARD HOLLINBERGER, B.S., Iowa State University, 1957
ROY HULFACHOR, B.S., Indiana State Teachers College, 1954
FRANK LUCIEN JAMBOIS, B.S., 1958
JOHN DAVID JOHNSON, B.S., 1959
YOSHITO NAKAHIRA KANZAWA, A.B., University of California, 1957
MARY TERESA KELLY, B.S., Marquette University, 1954
ROBERTA JOHNSTON KEMMERER, A.B., Pennsylvanian State University, 1950
WILLIAM JOSEPH KOUBEK, A.B., Illinois Wesleyan University, 1958
BILL WYNNE LASH, B.S., Eastern Illinois University, 1959
CHARLES EDWARD LAWRENCE, L.S., Northwestern University, 1958
DONALD LYNN LUEKE, B.S., Western Illinois University, 1958

AGNES IONE MAJERNIK, A.B., College of St. Francis, 1959
SANDRA LOU MAXWELL, B.S., Greenville College, 1961
BARBARA ANN MAYE, A.B., Knox College, 1958
DONALD EARL MccOLLE, B.S., Illinois State Normal University, 1961
EDWARD FRANKLIN McMARS, B.S., United States Military Academy, 1936
LEE URIS MIERRE, B.S., Eastern Illinois University, 1952
LEWIS EDWARD MONACHES, B.S., 1946
RICHARD THOMAS MORMING, B.S., Eastern Illinois University, 1957
DONALD RICHARD NEFF, B.S., Ohio State University, 1957
IN YOUNG O, A.B., Seoul National University, 1955
ETHEL ILK OAKWOOD, B.S., 1931
DIANE RAE PRENTICE, B.S., Bowling Green State University, 1955
HAL EUGENE PRICHARD, B.S., Millikin University, 1959
HUGH RAINES, B.S., George Peabody College for Teachers, 1958
HERBERT JOHN RAPLEY, B.Gen.Ed., University of Omaha, 1955; B.S., University of Maryland, 1958
ANNA MAE TRIZNA REPKE, B.S., College of St. Francis, 1960
PHILIP CARLTON RICE, B.S., Northern Illinois University, 1960
DAVID WALTER RITCHIE, B.Ed., Eastern Illinois University, 1939
PHILIPPA WARBURG ROGGE, A.B., B.S., University of Wisconsin, 1948, 1950
SAFIJA SARICH, B.Ed., Chicago Teachers College, 1954
ELAINE HELEN SCHMITT, B.S., Bradley University, 1955
BARBARA JEANE SCHOB, B.S., 1959
NANCY JEAN SCHREIBER, B.S., 1962
PAULINE PARKER SCHREIBER, B.S., 1932
MARCIA MCKEE SEDGWICK, A.B., Monmouth College, 1952
MARGARET ELLEN SHALLOWS, A.B., Beloit College, 1961
MARY INGRAM STAYTON, B.S., 1958
DOROTHY CLAIRE FAUST STEPHENS, A.B., Swarthmore College, 1961
BETTY JO SUHR, B.S., Eastern Illinois University, 1959
DONALD RAY SWALLOW, B.S., Illinois State Normal University, 1959
EDWIN McMUNN SWENGEN, A.B., 1938
ROBERT WAYNE TUCKER, B.S., Culver-Stockton College, 1958
LINDA GAYAN WARD, B.S., Pennsylvania State University, 1962
THOMAS FRANKLIN WARREN, A.B., Augustana College, 1961
MARTIN TRUMAN WHITED, B.S., 1954
WILLIAM ROSS ZEIDEN, B.S., Illinois State Normal University, 1960

Degree of Master of Social Work

ESTHER STARK BALKAN, A.B., Roosevelt University, 1960
MILDRED GREEN BERNSTEIN, A.B., Roosevelt University, 1961
MARY SUSAN BOARDMAN, A.B., Carleton College, 1959
ELIZABETH CHURCH BROWN, A.B., Roosevelt University, 1957
SONJA MARIE BRUNKE, B.S., Loyola University, 1954
BARRY JEFFREY CASE, A.B., University of California (Los Angeles), 1961
NAN CHRISTINE CHAPIN, A.B., Carleton College, 1955
JULIANNE FERGUSON, A.B., Augustana College, 1960
MERLE WILBUR FUNK, A.B., Wartburg College, 1956
BEATRICE GERSHOWITZ, B.S., University of Wisconsin, 1960
BARBARA ANN ROYER GRAHAM, A.B., Willamette University, 1961
CHARLES ALBERT HANDLEY, Jr., B.S., Michigan State University, 1959
DAPINE CHALMERS-FRANCIS JOY, A.B., Roosevelt University, 1961
HELEN BJELLANESS LINQUIST, B.S., University of Minnesota, 1947
CHARLOTTE ELIZABETH MAY, B.S., 1960
DAVID WILLIAM McCREATH, B.S., Iowa State University, 1957; B.D., McCormick Theological Seminary, 1961
DOROTHY EMILY MIXA, A.B., Roosevelt University, 1961
UMA LEE MANUEL PATTON, A.B., MacMurray College, 1959
SYLVIA DORECA SUDDUTH RAGLAND, A.B., Lincoln University, 1955
PHYLIS ELLEN RAUTH, A.B., DePauw University, 1957
MARY ROBERTA BARR REED, A.B., Illinois Wesleyan University, 1961
MARCIA MAY REICH, A.B., Heidelberg College, 1960
HENRY KRISTIAN RONNOW, A.B., Macalester College, 1959
GREGORY CHARLES RUDOLPH, A.B., Loras College, 1960
ROBERT EDWARD SCHACHIT, B.S., Greenville College, 1961
SYLVIA Jo SCHULZER, B.S., 1959
MARTHA JANE SHUPACK, A.B., Adelphi College, 1959
GEORGE HERMAN SPRIEG, A.B., Alma College, 1956; B.D., Princeton Theological Seminary, 1959
BRUCE CHAFFEE TURNER, A.B., Millikin University, 1961
Degree of Master of Fine Arts
*In Landscape Architecture*

Keichi Shinoda, B.S., Chiba University (Japan), 1960

*In Painting and Printmaking*

John Robert Crayne, B.F.A., 1960
Richard Alan Lazzaro, B.F.A., Kent State University, 1961
Judith Ann Stewart, B.F.A., Syracuse University, 1961
Agnes Bradley Taugner, B.F.A., 1954
Karl Heinz Wolter, B.F.A., Syracuse University, 1961

Degree of Master of Accounting Science

Hilding Dale Carlson, B.S., 1962
David Lawrence de Motte, B.S., Eastern Illinois University, 1962
Frank Jay Koster, B.S., 1962
Harris Nasution, B.S., 1962
Allan Seymour Rosenbaum, B.S., University of Colorado, 1962
R. Arifin Wirakusumah, B.S., 1963

Degree of Master of Architecture

William Kase Davis, B.Arch., 1960
Robert James Schill, B.Arch., 1962
Lakshmi Chand Sharma, B.Arch., University of Delhi, 1960
Chii-Chun Tien, B.S., Taiwan Provincial Cheng Kung University, 1960

Degree of Master of Comparative Law

Gregoria Soan Ong, A.B., University of the Philippines, 1954; LL.B., University of Manila, 1958

Degree of Master of Commerce

Edward Thomas O'Meara, B.S., Washington University, 1957
Neil Sarah, B.Econ., University of Adelaide (Australia), 1961

Degree of Master of Business Administration

Stephen Earle Benson, A.B., Augustana College, 1961
Richard Max Burton, B.S., 1961
Danny Joseph Laughhin, B.S., 1961
Thomas Edward Mesetz, B.S., 1961
Randal McRillis Smith, B.S., 1961

Advanced Certificate

*In Education*

Richard Keith Cherry, B.S., Ed.M., 1950, 1959
Richard Dix Doles, B.S., M.S., Butler University, 1956, 1962
Josefina Villanueva Estolas, B.S., Far Eastern University (Philippines), 1958; A.M., University of Nebraska, 1961
Mary Christine Felty, B.S., Southern Illinois University, 1958; Ed.M., 1960
John Martin George, B.S., M.S., Illinois State Normal University, 1948, 1950
Mary Lorraine Lamb, B.S., Illinois State Normal University, 1952; M.S., 1956
Edward Migielicz, B.S., Southeast Missouri State Teachers College, 1944; M.S., 1950
Alvin Harris Moeller, B.S., Eastern Illinois University, 1953; Ed.M., 1958
Evelyn Mae Moyle, B.S., M.S., Northern Illinois University, 1951, 1954
Wellis Calvert Rardin, Jr., B.Ed., Eastern Illinois University, 1947; M.S., 1950
Norma Roever Zimmer, B.S., Ed.M., 1941, 1957
In Music Education


COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

GARY MICHAEL ABERNATHY
HERBERT ELIO ADAMS
ANTHONY AKINOLA ABOOLA
LANNY EARL ANDERSON
SAMUEL ROBERT ATAI
ROBERT GALE BAKER
PETER JAMES BARRY, HONORS
MAURICE WALTER BELL
ALLEN ROBERT BOLLMAN
STEPHEN MICHAEL BROMAN
JERRY RAYMOND BROOKHART
HARVEY AL CARLEY
THOMAS WAYNE CLARK, HONORS
DALE EUGENE COCHRAN
WILLIAM ROBERT COLE, HONORS
ROBERT JOHN CONDON
JOSEPH MICHAEL CORBIN
WILLIAM CLARENCE CRABB
WALTER CLARENCE CRACKEL
DANIEL JOHN DOEDTMAN
CHARLES BOWERS DOUBET
PATRICK ARTHUR DUFFY
DALE WILLIAM FATHAUER, HONORS
JOHN OWEN FINDLAY
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MARCO JOSEPH MUSCARELLO, B.B.A., University of Notre Dame, 1960
RICHARD BRUETTE OPSahl, A.B., Luther College, 1959
RONALD LEE OTTO, A.B., 1960
ARNOLD EDWIN PERL, A.B., 1961
FREDDIE GILBERT PINK, Honors
DAVID SHAGAM

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ROBERT FREDERICK AUGUST STOCKE
EDWARD FRANK SUTKOWSKI, B.B.A., University of Wisconsin, 1961
FRANK ANTHONY WARD II, A.B., Johns Hopkins University, 1960

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ARNOLD EDWIN PERL, A.B., 1961
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FRANK ANTHONY WARD II, A.B., Johns Hopkins University, 1960

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

NORMAN EUGENE ART
LYDIA SUE BACH
LORENA DIVAN BARNES, High Honors
ALVIN LYLE BOYD
ARNELLE IRVINE DAVIS
DALE EDWARD EWEN
FRED O. FLENER
LANIS MAE FUERST
VIRGINIA AGGETT KAYE
CONNIE ANN MINGEE
JILL MARIE LAMB NANCE
SUKKAN ATAY OZOGLU
JAMES RICHARD POLING

JUDITH ANN ROSENBACh
ESPERANZA FLORDELIZ SANDOVAL
MARIE LOUISE SCHLICHTING
WILLIAM DAVID SFAHER
SUSAN AVERILL SHAW
TEHILA AVERBUCH SHEINBLATT
JON RICHARD STEEN
FRANCES ELAINE STUCKEY
ZALMAN PHILIP USISKIN, Highest Honors
JOHN THOMAS VAN BRANDEKEN
ROY LEE WACHTER
LEEANN RAE WITHNEL

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MARY ANN CLAASSEN
JANICE ELAINE FILIP, Honors
LINDA LOU FRANKS, Honors

JANET GWIN GILUm
CAROLYN JUNE SONDEE

In the Education of Mentally Handicapped Children

LORALEE JEN ABOTT
GERTRUDE BORNER
LORELEI KAY BOWMAN, High Honors
ELAINE MARLENE BUDACH
MARY ELLEN COWAN
ANN JUDITH DAVIS, High Honors

LESLEY ELLEN DUBOE
MAUREEN FERN FELDMAN
BEVERLY NELSON MELLSKOG
BARBARA RUTH SILVERMAN, Honors
CAROL ANN STERN
MARCIA KAY UMSTOT
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JOAN ELAINE ANDERSEN
BONNIE KAY ARMSTRONG
NANCY CAROL BARRETT
MARY CAROLINE BARTLETT
JUDITH MOYES BAUMAN
MARY ANN BERGMANN
KAREN LYNN BICKEL, Honors
BONNIE JEAN BONESS
CAROL ANN BORRE, Honors
RITA JEAN BRANDT
BARBARA ANN BREITENBACH
SALLY WABEL BROUGHTON, Highest Honors

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KATHLEEN DOROTHY CAMPBELL
MARYLEE CHYAL
CAROLE PAVLO CLARK, High Honors
FERN COBB
CONSTANCE LOUISE COLLINS
SANDRA LEILANI CUNNINGHAM
JANICE ELAINE DAHLSTROM
ELLEN WENDY DAVIDSON, Honors
SUSAN JO DESJARDINS
FLORENCE DOROTHY DIX
FERN HELENE EDUIN
JUDY FAYE FEBRENBAKER
ARLENE COHEN FEINBERG
SUSANNE LONGTON FLETCHER, Honors
JAYNE PHIEPS FREEMAN, High Honors
JANE VELMA FULLERTON
JUDY SCHREINER FULMER, Honors
JEAN LAVERN BACKE, Honors
SHARLENE PEGGY GARFLEN
ROBERTA LEE GERARD
GEORGIANNE CAROL GIESEKE
BRONA HELEN GLICKMAN
JULIA DEUTSCH GOLDSTEIN
JANET ROBERTSON GRIMES
CAROLYN GRONER
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ELLEN KATHRYN HAGELLOW
BETSY CREVISON HALL
NANCY KATHRYN HARLAN
JODY ANN HARRIS, High Honors
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JOYCE JACOBS
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NANCY JEAN KEPNER
KAY MARIE KLUS
MAXINE SHARI KLEMTNER

JOANNE NANNETTE KLIEF, Honors
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MARGARET SCHULTZ LAVINIKS
KATHERINE BERTHA LAWRENCE
JOAN FERRISS LEBBE
JANET ADELE LEFTWICH
BARBARA SALLY LEVENFELD
SANDRA LEE LILEGON
HANNAH LOEB
DIANNE JUNE LOGUIST
PATRICIA CAIN LUDLAM
VIRGINIA MAXEY MARSH
WILMA JOSEPHINE MARSHALL
BELVA JOAN MARTIN, High Honors
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DONNA HARRISON MERSON
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JACQUELINE VITA MIGDAL
FRANCINE HARRIET MINOWITZ
THERESA ANN MULLER
VIRGINA TROUT MYER
HELEN MARIE NEUMANN
MARY THOMAS NORDWALL, Honors
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JEAN ANN PAYCHL
CORNELL PAYNE
JACKLYN MAXINE PETCENIK
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CYNTHIA DEE RICKEY
MARJORIE ELLEN ROBINSON
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HELEN MATTESON SCHOTANUS, High Honors

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SANDRA BONNIE SCHWARTZ
LYNDA MCCLAIN SEEY
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RUTH ELAINE SHUPE
SUE CAROL SHURTS
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IDELL JOAN SILBERG
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Marilyn CLARE SLABY
JUDY MAE SPIKRE
AMELLA STEFANOS, Honors
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ELAINE BARBARA STONE
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ELEANOR ELIZABETH SWAIN, Honors
VIVIAN ANN UZARDO
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SHARON LOIS WINKEL
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In Industrial Education

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JAMES EDWARD GILBERT, High Honors
JOHN B. GOTTA

SHARRON JUNE WOMACK
JEANETTE LORSCH ZANDELL

JUNE JEANETTE LORSCH ZANDELL

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EDWARD MARSHALL

JUNE JUNE

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BALDEO RAMLACHAN

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COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

RICHARD NEAL ABRAMS
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JEFFREY SCHUBERT
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THOMAS WEBB TATNALL, High Honors

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DONALD ALFRED WALSTEIN BANGS
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STUART RAY CITRON
RICHARD STEPHEN CUSAC
CLARENCE LEE GERDES
MARION HERBERT GIESECKE
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LEROY BERNARD HAZEN
RICHARD WINE HEINMILLER
JOEL STEPHEN HIRSCH
WILLIAM ARRASMITH HUNT
ARTHUR RAYMOND KINGERY
DAVID WILLIAM LEMBKE
DAVID N. LEZEAU
PAUL NIM-CHI LIANG
PAUL LESTER LIEBERMAN
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SANFORD MINTZ
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DAVID MARTIN ROBIN
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[June 19]

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RONALD PAUL GROSS, Honors  SUSAN JEAN SKOFF
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LAWRENCE JOHN CRENELLIUS  RONALD THEODORE MIKUT
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DALE CARTER ALTMIN
CHARLES RICHARD BALKIN

COLLEGE OF JOURNALISM AND COMMUNICATIONS
Degree of Bachelor of Science
In Communications

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BRIAN ROBERT BLAND
GEORGE JOACHIM-FRITZLICH BLUM
HELEN LOUISE BURGETT
MICHAEL ROBERT CARTER
HARRISON LEON CHURCH
JUDITH KAY COVE
CHRISTINE ELIZABETH CZURYLO
RONALD NEIL D’EAN
DARRAGH BLAINE DIAMOND
JEAN ANN EVEN
JOHN GRIFFITH FORNOF
SUSAN JOYCE GLEEFAND
JAMES DOUGLAS HANCOCK
EDITH FLORENCE HANSON, High Honors
LARRY WAYNE HARLYN, Honors
CAROL JEAN HECK
JANICE BURKE HOLMES
JOHN CARROLL HUDSON
LAWRENCE VERN JAGNOWN
CHARLES FRANK JANOVSKY
JEANNETTE LOUISE JOHNSTON
JEWEL ANN JONES
ROBERT MERLE KAHN
BETTY KALLOS
ANN HYDE KALMAN
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LARRY MICHAEL KLINGMAN
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JEROME ANDREW MOCH
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DONALD GENE MUNSON
PAULA JEAN PETERS
DONALD ROBERT PURA
KAREN WISE ROSENBERG
GERALDINE MARION RUEKA
GARY ALAN SATHER
RUTH CAROL SCHNEIDER
DAVID CONNER SHAUL
Marilyn ANN SKOR
GRETCHEN SLICK
GEORGIA SMITH
HOWARD ROY SOLOMON
DOROTHY DEGENKOLB WETZEL
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SUSAN MARY WETLISPACHEN
SUSAN LEE WILLIAMS
BARBARA LIN YORK
DONALD LEE ZUKOWSKY

COLLEGE OF FINE AND APPLIED ARTS
Degree of Bachelor of Architecture

NEIL DONALD ANDERSON
JAMES SHIGETSU AKI
GEORGE WILLIAM BLOOME
LOUIS OTTO BOLWHAHN
JEAN PAUL BUDINGER
JAMES FRANCIS CARBERRY
HENRY STOW CHAPMAN, Honors
JERALD LYNN CLARK
DOUGLAS WILLIAM COCKFIELD
FRANK JOHN COMBER
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VADIDATOS DAUKANTAS
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GRAHAM GLEN ENGELKHA

MARVIN GUINAR GROHN
ANTHONY JAMES GRIFFIN
LEON SYLVESTER HARLAN, JR.
BARNABAS PETER JOSEPH HARRINGTON,
High Honors
NICK HONCHARUK, JR.
STUART KALMAN JACOBSON
JENS ANDREW JENSEN
WILLIAM STANLEY JESSUP
RICHARD LEE JOHNSON, High Honors
THOMAS SHIGERU KATSUYUSHI
KENNETH CLYDE KELLEY
ROBERT DALE KLEINHELMAN
HARRY STEVEN KROEGER
RICHARD GRANVILLE LAXEN, High
Honors
GARY SCOTT LINNIS
EVAN RUSSELL LLOYD
HENRY R. LOPEZ
LAWRENCE JOSEPH LUNDY
<table>
<thead>
<tr>
<th>Degree of Bachelor of Fine Arts</th>
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</thead>
<tbody>
<tr>
<td><strong>In Advertising Design</strong></td>
</tr>
<tr>
<td>John Michael Chious</td>
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<tr>
<td>Kenneth Eugene Crouse</td>
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<tr>
<td>Jervis William Hill</td>
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<tr>
<td>Sheridan Arthur Lee</td>
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<tr>
<td>Edward Lyons, Jr.</td>
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<tr>
<td>Janice Louise Bertram</td>
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<tr>
<td>Melvin Whitsett Carter</td>
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<tr>
<td>Judy Diane Gene</td>
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<tr>
<td>Mary Lee Isel, High Honors</td>
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<tr>
<td>Lynn Smith Jaenke</td>
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<tr>
<td>Joan Abby Mall, Honors</td>
</tr>
<tr>
<td>Leslie Louise Marks</td>
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<tr>
<td>Floyd Dale Roush</td>
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<tr>
<td><strong>In Art Education</strong></td>
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<tr>
<td>Kathryn Jo Kalb, Honors</td>
</tr>
<tr>
<td><strong>In the History of Art</strong></td>
</tr>
<tr>
<td>Jean A. Albrecht</td>
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<tr>
<td>David Richard Butler</td>
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<tr>
<td>Donald Gene Falk</td>
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<tr>
<td>Bruce Paul Pink</td>
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<tr>
<td>Ronald Victor Hess</td>
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<tr>
<td>Lawrence Emmerson House II</td>
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<tr>
<td>Robert Charles Lampertius</td>
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<tr>
<td>Bruce John Conroy</td>
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<td>Daniel Alan Day</td>
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<td>Carl Ludwig Goetz</td>
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<tr>
<td>Thomas Homer Johnson</td>
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<td>Rachel Minna Baron</td>
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<tr>
<td>Tracy Gay Byrom, Honors</td>
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<td>Judy Lynn Carlson</td>
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<tr>
<td>Carol Ann Comiskey</td>
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<tr>
<td>William Sherman Downey, Jr.,</td>
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<tr>
<td>Honors</td>
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<tr>
<td>Juanita LaVerne Gammon</td>
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<tr>
<td>Margaret Ruth Giller</td>
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<tr>
<td>Marilyn Iris Golub</td>
</tr>
</tbody>
</table>

| **In Industrial Design**      |
| Manfred Georg Nikolaus        |                                |
| Harvey Richard Ostresh        |                                |
| John Bruce Rea                |                                |
| Francis Benington Reckitt, Jr.|                                |
| Norvid Roos                   |                                |
| Henning Jorge Speyer          |                                |
| Dean Edward Wilson            |                                |
| Bruce John Conroy             | William Harvey Ray             |
| Carl Ludwig Goetz             | John William Riley             |
| Thomas Homer Johnson          | Bernard Charles Rosauer        |
| Rachel Minna Baron            |                                |
| Tracy Gay Byrom, Honors       |                                |
| Judy Lynn Carlson             |                                |
| Carol Ann Comiskey            |                                |
| William Sherman Downey, Jr.,  |                                |
| Honors                        |                                |
| Juanita LaVerne Gammon        |                                |
| Margaret Ruth Giller          |                                |
| Marilyn Iris Golub            |                                |

| **In Landscape Architecture** |
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| John William Riley            |                                |
| Bernard Charles Rosauer       |                                |
| Rachel Minna Baron            |                                |
| Tracy Gay Byrom, Honors       |                                |
| Judy Lynn Carlson             |                                |
| Carol Ann Comiskey            |                                |
| William Sherman Downey, Jr.,  |                                |
| Honors                        |                                |
| Juanita LaVerne Gammon        |                                |
| Margaret Ruth Giller          |                                |
| Marilyn Iris Golub            |                                |

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| Cecilia Amele Krmar, Honors     |
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| Wayne William Shaw             |
| Janet Bar Litney               |
| Alvin Demar Loving, Jr.        |
| Spencer Lynn Namyst            |
| Leonard James Petersen         |
| Pamela Jane Petry              |
SUSANNE LUCIENNE PHILIPPSON, High Honors
Marilyn Lucille Wilson, Honors

In Sculpture

THOMAS JOHN TASCH, Honors

Degree of Bachelor of Music

JOHN RAYMOND BIELENBERG, Honors
MARILDA ABBOTT KsANDER, High Honors
MICHAEL RICHARD ROGERS, Highest Honors

Degree of Bachelor of Science

In City Planning

FRANK LYNN BALLIF ALBERT
CHARLES EDWARD BATESON
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WILLIAM THOMAS GELMAN

In Music Education

CAROLYN JUNE BEATY
CORALEA GABRIEL BERG
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PATRICIA KAY CHENEY
KATHLEEN JOYCE CLINE, High Honors
DONALD MELVIN COLLINS
JANICE DEANE CORUM, Highest Honors
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JO ELLEN DUTTON, Highest Honors
SUSAN EMT
FREDERICK DEAN FAIRCHILD
LILA DAWN FAIRCHILD, Honors
JAMES HARVEY FELTS
MELVIN LE ROY FLOOD
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COLLEGE OF PHYSICAL EDUCATION

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In Health Education

JANET JOYCE DEVINE

In Physical Education

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HARRY JAMES BARRETTE
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PATRICIA ANN HOSTETTER

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TIMOTHY RUSSELL O'BRIEN
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WALTER LEE SESSIONS
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JAMES HALE SOKOLOWSKI
CHESTER CHARLES SWANSON
OSCAR GARY SWANSTROM
KENT DEWEY TRUCKENBROD

Degree of Doctor of Veterinary Medicine

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CURT HERMAN BARTHEL
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RICHARD FRANKLIN WALLIN

Degrees Conferred at Chicago

HONORARY DEGREES

DETELV W. BRONK, Ph.D.

GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Anatomy

GORDON CHARLES BLAHA, B.S., Northern Illinois University, 1957; M.S., 1961
DALE EDWARD BOCKMAN, B.S., Southwest Missouri State College, 1956; A.M.,
LOS ANGELES STATE COLLEGE, 1958
SARA EISENBERG, M.S., University of Mexico, 1960
In Biological Chemistry
ALBERT BABA DANIELZADEH, B.S., M.S., Loyola University, 1956, 1958
DAVID ALLEN DENNEN, B.S., M.S., 1953, 1955
EDWARD JOHN McGUIRE, A.B., Blackburn College, 1958
TARAKAD VENKATESWAR RAYKUMAR, A.B., University of Madras, 1953; M.S.,
University of Kerala, 1955; M.S., De Paul University, 1959

In Chemistry (Pharmaceutical)
MADHUHANT MANSUKHHALI DOSHI, B.S., University of Bombay (India), 1956,
1957; M.S., University of Michigan, 1958
LEE TIMOTHY GRADY, B.S., 1959
MILTON JOSEPH KORNET, B.S., Purdue University, 1957
JACOB LEHRFELD, B.S., 1956
ORESTE LEROY SALERNT, B.S., M.S., Duquesne University, 1957, 1959
FRED ALLEN TURNER, B.S., M.S., 1955, 1958
THOMAS LAURENCE WELSH, B.S., 1959

In Microbiology
RONALD ALAN ZUSSMAN, B.S., Loyola University, 1957; M.S., 1959

In Physiology
HENRY LAWRENCE McCROREY, B.S., M.S., University of Michigan, 1949, 1950;
M.S., 1959
ERNEST JOHN SUKOWSKI, B.S., Loyola University, 1954; M.S., 1959

Degree of Master of Science
In Anatomy
LYLE EUGENE BRUMLEY, A.B., Grinnell College, 1961
MACDONALD CAVE, A.B., Susquehanna University, 1961
ERICA BACHEM FRIEDERICI, B.S., Northwestern University, 1948
THOMAS ALLEN WEIDMAN, B.S., Illinois Wesleyan University, 1955

In Biological Chemistry
EMIL ATHINEOS, A.B., University of California, 1958
FILOR KALOUST CHORDIKIAN, B.S., American University of Beirut (Lebanon),
1957
ALAN SCOTT LEVIN, B.S., 1961
MAIJA IDA MEDNIEKS, B.S., 1958

In Chemistry (Pharmaceutical)
PETER NOEL COPE, A.B., Northwestern University, 1959

In Histology (Dental)
SAMUEL BERNARD GALIKIN, D.D.S., Temple University, 1958 (In Absentia)
C. PAUL OSMANSKI, D.D.S., University of Buffalo, 1960
DENNIS FRANCIS WEBER, D.D.S., Marquette University, 1957

In Microbiology
ROBERT LEE BALDWIN, Jr., B.S., Howard University, 1957

In Oral Pathology
ARUP KUMAR DAS, M.B., B.S., University of Calcutta, 1953

In Oral Surgery
LAWRENCE SHERWOOD HOCMAN, B.S., D.D.S., 1957, 1959
JOHN ROLAND WESTINE, D.D.S., 1955

In Orthodontics
RICHARD EARL EMRICH, B.S., D.D.S., Ohio State University, 1953, 1961
JOHN PERCE HOWLAND, B.S., D.D.S., 1955, 1957
YASUO KAKUDA, D.D.S., Loyola University, 1956
Donald James O’Donoghue, B.S., D.D.S., University of Queensland (Australia), 1959
Elisha Roscoe Richardson, B.S., Southern University, 1951; D.D.S., Meharry Medical College, 1955
Earl Nelson Seavall, D.D.S., Creighton University, 1961
David Frank Zak, D.D.S., Loyola University, 1956

In Pharmacology
Leon Irwin Bender, B.S., 1959
Ona Eugenija Mickevičius Zukauskas, B.S., Mundelein University, 1959; M.D., 1962

In Pharmacy
Daniel Aloysius Nona, B.S., 1958
Robert Granville Wilson, B.S., Massachusetts Institute of Technology, 1946, 1947; B.S., 1961

In Physiology
Donald Jackson Book, B.S., Purdue University, 1959

In Surgery
Richard George Caldwell, A.B., M.D., University of Vermont and State Agricultural College, 1955, 1960
Jean-Claude Gazet, M.D., B.S., Guys Hospital (England), 1951
Brian McKibbin, M.B., Ch.B., University of Leeds (England), 1955
Parviz Parsa, A.B., Texas Technological College, 1954; M.D., Baylor University, 1960
Robert Paul Rosswick, M.B., B.S., University of London (England), 1955
James Anthony Sandrolini, B.S., M.D., 1955, 1957

COLLEGE OF DENTISTRY
Degree of Bachelor of Science in Dentistry
Conferred June 8, 1962

Allen Wendell Anderson
Gunara Mara Anderson
Helmut Adam Awender
Kenneth Edward Bala, with Honors
James Allen Berens
Richard Jerome Berkowitz, B.S., Drake University, 1960
Howard Theodore Block
Harold William Bonus
Melvin Burach Borg
Leslie Joseph Braun, Jr.
Peter Emanuel Castritsis, B.S., 1959
Richard Jay Cheoman
Nelson Thomas Crowell
Michael Joseph Davey
Donald Joseph DeChristopher
Maurice Dickman, B.Ed., Chicago Teachers College, 1953
John Paul England
Lewis Erskine Frazier
Thomas Blair Frazier, A.B., Monmouth College, 1960
Jerry Dean Gardner
Gary Allen Gasbarra
Carl Richard Gilmore, A.B., Beloit College, 1960
Leon Floyd Harres
James Charles Hickey, B.S., Capital University, 1957; D.D.S., 1961
Charles Eric Johnson
William Nils Johnson
Richard Duke Jones
Jerome Frederick Katz
Albert Henry Krause
George Birkland Maxwell, Jr., A.B., Southern Illinois University, 1960
Robert Kay Mick
Emory Russell Nelson, A.B., Northwestern University, 1960
Walter Edward Olson, A.B., Illinois Wesleyan University, 1955
Irwin William Pearlman
Darryl John Pirok
Robert Joseph Pokorny
Gary Alan Quick
Emil Leroy Rigg, D.D.S., 1961
Farel Arthur Rosenberg
Kenneth Paul Rotting, B.S., Tulane University, 1958
Sheldon Arnold Rudnick
Alan Jay Shapiro, B.S., Roosevelt University, 1960
Jerry Lee Todd, A.B., Southern Illinois University, 1959
Donald Philip Weissman
Samuel Stuart Wexler
Bruce Lee Wolff
Ramon Mathew Zoller, Jr., B.S., 1959; with Honors
Degree of Doctor of Dental Surgery

Conferred September 8, 1962

EDWIN THOMAS JACH, B.S., 1954, 1960; M.S., 1958
JEROME FREDERICK KATZ
LAWRENCE MARK LEVINE, A.B., 1958

Conferred June 8, 1962

ERNESTO FERNANDO MEDINA
JOHNNY ALCOLEA
JOHN THOMAS SIMPSON

Conferred June 7, 1963

GERALD MAURICE REED

Conferred September 8, 1962

EDWIN THOMAS JACH, B.S., 1954, 1960; M.S., 1958
JEROME FREDERICK KATZ
LAWRENCE MARK LEVINE, A.B., 1958

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GARY DEAN ANDERSON
ARNO WILHELM BARTZ
MAURICE MAN KWONG BAU
ELIOT BECKER, B.S., 1961
RONALD DARRELL BERGLUND
LESLIE JOSEPH BRAUN, JR., B.S., 1962
JOEL LEON BURMAN, B.S., 1959
PETER EMANUEL CASTRITIS, B.S., 1959, 1962
HARRY OLIVER CHANNON, A.B., Knox College, 1958; B.S., 1961
HERBERT HUGH CHAPMAN, B.S., 1961
GEORGE PHILLIP CHOISER
MYRON JULES COHEN, B.S., 1959, 1961
WILLIAM JAMES COHEN, B.S., 1961
DEAN CLARENCE COOPER, B.S., 1959, 1961
LEE IRWIN COPELAND, B.S., 1961
JOHN PAUL ENGLAND, A.B., 1962
ROBERT DAVID ESSEX
DONALD LOUIS FISHER, B.S., North Central College, 1956
WAYNE JAMES FITZPATRICK, A.B., Millikin University, 1960; B.S., 1961
JOSEPH DUANE FRANCIS, B.S., 1961
MELVIN MICHAEL GLICK, B.S., Roosevelt University, 1959; B.S., 1961
RONALD LEE GOLDSTEIN, B.S., 1959
LEON GEORGE GOMBI
JOHN EDWARD GRADY, B.S., Elmhurst College, 1953; B.S., 1961
CHARLES SIDNEY GREENE, B.S., University of Chicago, 1958; B.S., 1961
JOHN CLAYTON HARBECK, B.S., 1961
WILLIAM LEROY HYLANDER, B.S., 1961
WAYNE EDWARD KMIC, B.S., 1961
JOHN EDWARD KNOX, with Honors
DOUGLAS DALE KOCH
MICHAEL HARRY KONTOS, A.B., North Central College, 1959; B.S., 1961
STEVEN YOSHIFUJI KUMAMOTO
LLOYD ANTHONY KWOK
MICHAEL LAFORTA, B.S., 1961
ROBERT ALAN LIPSCHULTZ, B.S., 1961
HARRY ALOYSIUS LOUIE, B.S., 1961
JACK ARNOLD MARKS, B.S., 1959, 1961
DANIEL JOSEPH MARTISIUS
ARTHUR GENE MATTIER, B.S., 1961

LAWRENCE LOUIS MELAISK
EDWARD LAWRENCE MICHALEC, B.S., 1961
ROBERT PATRICK MOFFETT, B.S., 1961
ARTHUR MOW, A.B., College of the Pacific, 1959
DAVID JAY MYERS, A.B., 1959
HOWARD HAROLD POLK, B.S., 1961
RONALD JAY POPPER, A.B., 1959
DONALD JOSEPH PROVENZALE, B.S., Loyola University, 1959
GEORGE RICHARD RAMSEY
MURRY WILLIAM RANDELL, B.S., 1961
GERALD MAURICE REED, B.S., 1962
ROBERT CHARLES REUSS, B.S., 1961
JOHN LEROY REYHER, B.S., 1961
LARRY LEE RICHARDS, B.S., 1961
EDWARD FRANK SARSHA, B.S., 1961
GENE JAMES SMALCIGRIO, B.S., Monmouth College, 1959
RICHARD FRANK SCHMITZ, B.S., 1955, 1961
ROY ALAN SHELLOW, B.S., 1961; with Honors
EUGENE BROWNLOW SHORT
MARVIN JOSEPH SOMMERFELD, B.S., 1961
ALAN MARVIN STEVENS, B.S., Roosevelt University, 1957
KENNETH WILLIAM STIEGEL
PAUL HARVEY STINES, B.S., 1961
JERRY LEROY STONEKING, B.S., 1961; with Honors
EDWARD MORTON SWARTZ
JOHN TAKESHII TAKEKOSHI, A.B., LaSierra College, 1958; B.S., 1961
RICHARD CASEY TALBOT, B.S., Purdue University, 1955; B.S., 1961
GEORGE CASIMIR THOMAS, JR., B.S., 1961
DALE JOSEPH VERCELLOTTI, A.B., North Central College, 1958; B.S., 1961; with Honors
THOMAS DONALD WESLEY, B.S., De Paul University, 1955
KENNETH LEE WINTER, B.S., 1961
BRUCE LEE WOLFF, B.S., 1962
RAMON MATHEW ZOLLER, Jr., B.S., 1959, 1962; with Honors
COLLEGE OF MEDICINE

Degree of Bachelor of Science in Occupational Therapy

Conferred June 7, 1963

LINDA KAREN KAHN
EMILY DODSON KRUCEK, with Honors
SUSAN PHYLLIS SHACKER LAZAR
SUSAN CAMILLA LUSTFIELD
MERRITT MARIE MAGENHEIMER

Degree of Doctor of Medicine

Conferred September 8, 1962

BARRY DAVID BROOKS, B.S., 1958
RONALD JOSEPH CISKOSKI, B.S.,
Emmanuel Missionary College, 1957

Conferred June 7, 1963

NEIL ROGER AARONSON, B.S., 1959
NEIL STUART AGRESS
JESSE ARUGUETE, A.B., North Central
College, 1959; with Honors
NORMAN LEONARD AVES, B.S., Northern
Illinois University, 1959
EDWARD HARRIS AXELROD, B.S., Roosevelt
University, 1959
VALERIE ROSE BANDELIN, B.S., 1953
ROBERT ALLAN BERGER, B.S., Elmhurst
College, 1959
CHARLES EDWIN BELL, A.B., Washington
University, 1959
KLAUS ERICH BALHOWN
PAUL JOSEPH BIEDEHARN, A.B.,
Washington University, 1959
ROBERT ALLAN BIENISKI
IRWIN LIONEL BLISS
DONALD JACKSON BOON, B.S., Purdue
University, 1959
PETER BORMANS, A.B., Northwestern
University, 1959
DEE CHARLES BOSWELL, B.S., 1959
JOSEPH DAVID BOYD
THOMAS HENRY BRENNEL
MARVIN BERNARD BROOKS
LAWRENCE BRYSKIN
EARL SCOTT BUCHIE, A.B., McKendree
College, 1954
DALE FORREST BURT
CARLOS BOYD GODFREY CAMPBELL, B.S.,
M.S., 1955, 1957
WILLIAM DELOS CARLOCK, A.B., 1960
ALLEN BRUCE CARLSON
ROBERT ALLAN CARRARA
RICHARD GLENN CHENOWETH, B.S., 1957
THOMAS WILLIAM CLARK
SEYMOUR IRA COHEN, B.S., 1958
ARNOI MARVIN COHN, A.B., North-
western University, 1959
FRED VAIL COLLY, B.S., 1957
PHILIP ALEXANDER COLLINS, A.B.,
Xavier University, 1959
BERNARD LEONARD CONIGLIO, Jr., A.B.,
Virginia Military Institute, 1959
DAVID HENRY COPE

RAYNA JEAN MICHAEL
SUSAN HART PACKARD
PATRICIA LORAINE SADLON
LOUISE EVELYN TOPP, with Honors
GLADYS JOYCE ZIRBEL

HUGH EDWARD CUMMINS, B.S., 1958
WARREN DUANE DODD, A.B., Em-
manuel Missionary College, 1957

JOHN MEDFORD CORBOY
NED NATHANIEL COWAN
RICHARD HENRY CULHANE, B.S., St.
Louis University, 1958
JAMES EUGENE DAMON, A.B., Rockford
College, 1959
JAY LEONARD DASKAL, B.S., 1959
DENNIS PAUL DAUT
FRANCIS O'BRYAN DAVIS
NORMAN EUGENE DEBRNABERG, B.S.,
Eastern Illinois University, 1959
TERRENCE CONSTANT DEMOS, B.S.,
Roosevelt University, 1959
DIAMOND DONALD DETTORE
JOHN GILBERT DIETRICHI, B.S., 1959
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Wheaton College, 1959
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PETER JOHN FISCHINGER
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Roosevelt University, 1959
DONALD JOSEPH FLEISCHLI, with
Honors
ROBERT PAUL FORESMAN
PETER LEIGH FORSBERG, B.S., Wheaton
College, 1959
JOHN ROSCOE FOSTER, B.S., Northern
Illinois University, 1959
DAVID ALEXANDER GALLOW
DAVID HAROLD GARFIELD
ARTHUR EDWARD GATENBY
JAMES THEODORE GLADISH, B.S., 1959
MITCHELL SHERWIN GOLDBR, B.S., Illi-
nois Institute of Technology, 1960
MARSHALL DAVID GOLDIN
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DONALD LEE GRIFFIN
LARRY CHARLES GUNN

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Daniel Gutierrez
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Donald Elmer Hardbeck, B.S., Shurtleff College, 1957
Clarence Richard Hart, A.B., Loras College, 1959
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Gilbert Morris Heffer, A.B., University of California, 1959
Roger Cline Hendricks, B.S., 1959
Charles Golden Hendrickson, B.S., 1959
Leo Merril Henikoff, Jr., with High Honors
Daniel Joseph Herman
Philip Edward Hill, B.S., Iowa State College, 1959
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Paul Thomas Hohe, A.B., Knox College, 1959
Ralph David Holmsten, B.S., Wheaton College, 1958
Richard Lee Hughes, A.B., Southern Illinois University, 1959
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Edward Stephen Jennings, Jr., B.S., Loyola University, 1959
Roger Eugene Jinkins
James Theodore Johnson
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Jerrold Marvin Kaplan
Lawrence Kayton
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Ronald Leon Kelsey, B.S., Northern Illinois University, 1958; with Honors
Robert McCurdy Kennedy, A.B., Oberlin College, 1959
Donald Lee Kerste, B.S., Northwestern University, 1959
Marvin Herman Klaipman, A.B., 1959
Donald John Koziol
Arthur Ellis Krofft, B.S., 1959
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Joseph Henry Lee, B.S., University of Notre Dame, 1958
Edward Neil Levin
Ralph Joseph Levin, with Honors
Sherwin Zelman Levin
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Arthur Gerald Lipman, B.S., 1959
Michael Paul Lipsich
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Leon Gerson Lome
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Michael Marchi
Judith Lee Marsden, B.S., University of Wisconsin, 1959
Charles Elbert Mason, A.B., Lake Forest College, 1959
Roger Alan Maupin, B.S., 1959
Joseph Howard Mauritzzen
Bart Richard Mayron
James Adelbert McDermott, B.S., Wheaton College, 1958
Michael Allan Messenger, A.B., Ripon College, 1959
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Alan Paul Mintz, B.S., University of Chicago, 1959
David Arthur Morowitz
Alan Howard Morris
James Joseph Needles, A.B., Washington University, 1958
Norman Joseph Nemoy
Kerry Jon Newman
Nicholas Peter Ninios, A.B., B.S., Bradley University, 1958, 1959
Stewart Ira Odell
Lawrence Gehl Ober
Robert Charles Papp
Ray Jean Pensinger
Joseph Thomas Pinckard III, A.B., University of Kansas, 1959
Thomas Hugh Pinkstaff, A.B., Greenville College, 1959
Jerrold Polterock, B.S., 1959
Henry Herschbiel Reeves
James Calvin Reid
Lawrence Keith Richards
Mack David Richey
Jerry Lee Roberts
Gehrig Mac Robinson
David Leif Roseman
Joel Sandor Rosen, B.S., 1959
Stephen Bernard Rusklin
Edward Joseph Saad
Lawrence Merle Sampson
Martin Westbrook Schaef er
John David Schmale, B.S., Wheaton College, 1959; with Honors
Ronald Michael Schmidt
Merle Joseph Schrodt, A.B., 1959
Charles Andrew Setterstrom, B.S., Wheaton College, 1959
Sharon Ruth Frankel Siegel, B.S., 1959
Robert Frederick Siegert, B.S., 1959
Burton Errol Silver, B.S., Roosevelt University, 1959
Marvin Lee Skoglund, B.S., Western Illinois University, 1959
Charles Slavik
Robert Lee Smith
David Sheldon Solomon
Samuel Solomon, B.S., 1959
Jerry Gorton Spenny
Richard Lyle Sperling
J. Bruce Stadwisser, A.B., 1959
FRED RICHARD STARK, A.B., 1959
ROBERT ALAN STONE
ALAN JOHN STUZT, A.B., Beloit College, 1959
PHILIP ARTHUR SWANSON, B.S.,
Northern Illinois University, 1959
JOHN FREDERICK TAUBER, B.S., 1958;
M.S., Illinois Institute of Technology, 1959
CHARLES DOUGLAS TAYLOR
DANIEL EINAR THOR
JERALD TORNHEIM
GARY LAWRENCE TURPIN, A.B., Illinois
College, 1959
PAUL CORNELIUS VANDERBILT
CHARLES MINAUGAS VYGANTAS

BARRY ROBERT WEISS
ROBERT ALLEN WEISSMAN
JOHN DANA WELCH
MARK ALAN WELLEK
CHARLES FREDRICK WHITE
HARRY WHITELEY, A.B., University of Chicago, 1956
LORIN DIXON WHITTAKER, JR., B.S., 1959
RAYMOND GOLDEN WHITTAKER, Jr., A.B., University of Chicago, 1955
ROGER ASPAD WILKerson, JR.
BURTON FRANK WILLIS
ERIC BIRGER WILSON
JOSEPH ALPHONSE ZALAR, JR.

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing
Conferred December 14, 1962

JANICE EICHORN MILLER

ROBERTA BEREK
MARY LOU BYERS

Conferred March 16, 1963

BARBARA THOMAS ALEXANDER
DOROTHY BELL
JANET LUAN BOULTINGHOUSE
SANDRA ROSE CIOTOLA
PARSILA AGITA DRULLIS
LOU ANN DUNHAM
JANET RUTH ERICKSEN
JOSEPHINE ANN GUINTA
KAURKYNE LANA KAYMAN
EUSTACHIA DIANE KNOEDLER
JANET ORI LOBATZ
JUNE EDITH MACUERE

Conferred June 7, 1963

ANN ELIZABETH MCFARLAND
FRANCES JANET MCGUIRE
ARLENE JUDY MILLER
BETTE ROSE OZMEN
GRACE TAYLOR PUTNAM, with Honors
CAROLE JEAN ROBERTSON
LYNN ANN ROBERTSON
BETTY JUNE ROTHACKER
MARILU SCOGGIN
MARY MILDRED SMITH
CAROL AGNES VOGEL
SALLY ANN WEST

COLLEGE OF PHARMACY

The Degree of Bachelor of Science in Pharmacy
Conferred August 11, 1962

GENE PAUL BERNARDONI
ROBERT DEAN CARPENTER
DAVID JULIUS GERTZ

Conferred March 16, 1963

ROBERT JOHN ANDERSON, JR., A.B., Knox College, 1954

Conferred June 7, 1963

JOHN MARK ABRAMIC
STANLEY DONALD ADAMCZYK
GILBERT WILLIAM ADELSTEIN
IRWIN AXELROD
NANCY SUE BEILMAN
GERALD EDWARD BEJNAROWICZ
GREGORY BOGAN BISHOP
DONALD LYNN BLANK
BARTHOLOMEW MARTIN BLINSTRUP,
A.B., Monmouth College, 1959
JOSEPH LAWRENCE BORSKI

JAMES ALBERT BOUCHARD
RONALD FRANK BRACH
WESLEY NEIL BREEZE
RALPH EDWARD BROWN
ROBERT LEONARD BULINSKI
JOHN AUGUST CAROLAN
MARVIN EARL CAUSEY
ALLEN RONALD COHN
DENNIS EARL COLE
JAMES EDWARD COLTMAN
JAMES ALBERT CONROY, with Honors
At its annual meeting on March 20, 1963, the Board of Trustees of the University of Illinois adopted a resolution authorizing its President
and Secretary to delegate the signing of their names to vouchers to be presented to the Auditor of Public Accounts and to warrants drawn on the Treasurer of the University under the conditions specified in the resolution. The Secretary requests that this resolution be amended to include authorization of Virginia J. Hendrix and Catherine C. Cacioppo 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.

On motion of Mr. Swain, the resolution of March 20, 1963, was amended as requested.

LETTER FROM THE PRESIDENT OF THE UNIVERSITY OF ILLINOIS
CHAPTER OF THE AMERICAN ASSOCIATION
OF UNIVERSITY PROFESSORS

President Clement called attention to a letter dated June 13, 1963, received by all members of the Board of Trustees from the President of the University of Illinois Chapter of the American Association of University Professors concerning the action of censure taken at the annual meeting of the Association. The following is an extract of the paragraphs in the letter pertinent to this matter:

"Those of us from this campus who were delegates to the Annual Meeting of the A.A.U.P. in San Francisco and those of us who were recently elected officers of the Urbana Chapter are deeply concerned about the effects of the censure and earnestly hope that events during the coming months will warrant removal of the censure at the next Annual Meeting in St. Louis. We believe that the great majority of the faculty share these views.

"In behalf of my colleagues, let me express the hope that the President and the Board of Trustees will be able to achieve an accommodation and understanding with the national officials of the A.A.U.P. so that Committee 'A' on Academic Freedom and Tenure will recommend removal of censure at the next Annual Meeting.

"The Urbana Chapter of A.A.U.P. has had a cordial and constructive working relationship with the University Administration for some years. We hope and expect that this relationship will continue unimpaired.

"Yours sincerely,
RICHARD C. WILCOCK
President"

President Clement has replied to this letter on behalf of the Trustees, and a copy has been filed with the Secretary.

SECRETARY’S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; appointments of fellows; resignations, declinations, and terminations; 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.)

ADELMAN, GARY S., Assistant Professor of English, Summer Session of 1963, June 17-August 10, 1963, $1,667 for the period (6-4-63).
ARAMAKI, SEIYA, Research Associate in Physics (C), one year from September 1, 1963, $7,500 (5-31-63).
ARNETT, EDWARD M., Visiting Lecturer in the Department of Chemistry and Chemical Engineering, Summer Session of 1963, June 17-August 10, 1963, $2,700 for the period (5-28-63).
ASTON, Katharine O., Assistant Professor of English, Summer Session of 1963, ½ time, June 17-August 10, 1963, $723 for the period (5-29-63).

Baker, John R., Research Associate in Electrical Engineering (S), three months from June 1, 1963, $833.33 a month, supersedes (5-28-63).

Baker, C. M. Ann, Research Associate in Physiology and Biophysics, three months from June 1, 1963, $650 a month, supersedes (5-31-63).

Baker, Ronald L., Instructor in Business English, academic year beginning September 1, 1963, $5,000 (5-31-63).

Baldwin, Gary N., Assistant in Mathematics, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (6-4-63).

Barton, Furman W., Assistant Professor of Civil Engineering, Summer Session of 1963, ½ time, June 17-August 10, 1963, $676 for the period (6-4-63).

Bates, Cyril P., Instructor in Electrical Engineering (C), ¼ time, academic year beginning September 1, 1963, $1,350 (5-21-63).

Bauml, Frederick G., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1963, 2/3 time, June 17-August 10, 1963, $1,200 for the period (5-6-63).

Beeby, John L., Research Associate in Physics (C), one year from September 1, 1963, $8,000 (5-6-63).

Bennett, Delmond N., Assistant Professor of Speech and Theatre, ½ time, and Coordinator of the Summer Residential Program, ½ time, Summer Session of 1963, June 17-August 10, 1963, $1,556 for the period, supersedes previous Summer Session appointment (5-28-63).

Benzel, James F., Research Associate in Ceramic Engineering (S), three months from June 1, 1963, $550 a month, supersedes (5-31-63).

Bianchini, Albert C., Associate Professor of Theoretical and Applied Mechanics, Summer Session of 1963, ½ time, June 17-August 10, 1963, $934 for the period (5-6-63).

Bilokur, Borys, Assistant in Russian, Summer Session of 1963, June 17-August 10, 1963, $889 for the period, supersedes previous Summer Session appointment (5-6-63).

Blachford, Cameron W., Instructor in Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, $1,445 for the period, supersedes previous Summer Session appointment (5-28-63).

Bodanska, Halina, Research Associate in Animal Science (S), September 16, 1963-August 31, 1964, $6,500 a year (5-28-63).

Bontkeest, Helen C., Research Assistant in Medicine (Medicine), one year from July 1, 1963, $5,150 (5-6-63).

Bradley, Wayne E., Research Assistant in the State Water Survey, one year from July 1, 1963, $7,200 (5-17-63).

Brandis, Royall, Professor of Economics, Summer Session of 1963, ½ time, June 17-August 10, 1963, $1,262 for the period, supersedes previous Summer Session appointment (5-28-63).

Briscoe, John W., Professor of Civil Engineering, Summer Session of 1963, ¼ time, July 15-August 10, 1963, $374 for the period (5-23-63).

Browski, Loretta A., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1963, $5,000 (5-31-63).

Brugge, John F., Research Assistant in Physiology and Biophysics, three months from June 1, 1963, $408.32 a month, supersedes (5-31-63).

Campbell, A. Norman, Visiting Lecturer in the Department of Chemistry and Chemical Engineering, Summer Session of 1963, June 17-August 10, 1963, $2,067 for the period (5-16-63).

Capps, Joan P., Instructor in Mathematics, ¼ time, and in the Computer Program, ¼ time (Vice-President's Office, Chicago Undergraduate Division), academic year beginning September 1, 1963, $6,400 (5-31-63).

Carter, Harry H., Jr., Instructor in Music, ½ time, academic year beginning September 1, 1963, $3,650 (5-13-63).

Chen, Yu Ching, Assistant in Mathematics, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (6-4-63).

Chinnov, Igor V., Visiting Lecturer in Russian, Summer Session of 1963, June 17-August 10, 1963, $2,000 for the period (5-29-63).

Chow, David Kuo-Kien, Research Assistant in the Digital Computer Laboratory, two months from June 16, 1963, $466.66 a month (5-28-63).
CHRISTIAN, JOHN W., Visiting Professor of Metallurgy (C), one month from June 16, 1963, $1,300 (5-31-63).

CLIFFORD, JOHN J., Research Associate in Education (University High School), one year from September 1, 1963, $11,000 (5-31-63).

COOK, ROBERT L., Counselor in Speech and Theatre—Summer Residential Program, Summer Session of 1963, 1/100 time, June 17-August 10, 1963, $150 for the period (5-22-63).

COSTELLO, GEORGE A., Assistant Professor of Theoretical and Applied Mechanics, Summer Session of 1963, 1/2 time, June 17-August 10, 1963, $945 for the period (5-6-63).

COURTY, HARLEY, Instructor in Accountancy, 1/2 time, academic year beginning September 1, 1963, $2,500 (5-15-63).

COWIN, JOHN W., Instructor in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1963, 1/2 time, June 21-August 16, 1963, $1,334 for the period (5-14-63).

CRANK, FLOYD L., Associate Professor in the Bureau of Educational Research, July 14-August 10, 1963, $967, additional (5-6-63).

CROW, MERWIN R., Instructor in Hygiene and Psychiatric Social Worker in the Health Service, one year from September 1, 1963, $9,000 (5-13-63).

CROW, W. D. L., Research Associate in Chemistry, eleven months from October 1, 1963, $6,600 a year (5-28-63).

DARWISH, DAVID, Visiting Lecturer in the Department of Chemistry and Chemical Engineering, Summer Session of 1963, June 17-August 10, 1963, $2,250 for the period (5-28-63).

DEMARIS, EDWIN J., Associate Professor of Management, Summer Session of 1963, June 17-August 10, 1963, $2,334 for the period (6-4-63).

DENLINGER, CHARLES G., Assistant in Mathematics, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (6-4-63).

DENNIS, MRS. NANCY J., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1963, $5,300 (5-31-63).

DETWILER, BETTY C., Instructor in Mathematics, Summer Session of 1963, June 17-August 10, 1963, $1,445 for the period (6-4-63).

DILLEY, CLYDE A., Research Associate in Education (University High School), one year from September 1, 1963, $9,900 (5-31-63).

DJURUP, FRANS M., JR., Assistant Professor of Mathematics, two months from July 1, 1963, $100 a month, supersedes (5-13-63).

DRIELANDER, ROBERT E., Associate Professor of Inorganic Chemistry, Summer Session of 1963, June 17-August 10, 1963, $2,023 for the period (5-16-63).

ECKLUND, ROBERT E., Instructor in Medicine (Medicine), one year from July 1, 1963, $7,200 (5-22-63).

ENKE, ERNST L., Instructor in Accountancy, 1/2 time, academic year beginning September 1, 1963, $2,500 (5-22-63).

ERNST, EDWARD W., Associate Professor of Electrical Engineering, Summer Session of 1963, 1/2 time, June 17-August 10, 1963, $1,312 for the period, supersedes previous Summer Session appointment (5-23-63).

ERNST, RICHARD L., Instructor in Economics, academic year beginning September 1, 1963, $8,300 (5-22-63).

EXLINE, GERALD L., Instructor in Architecture, academic year beginning September 1, 1963, $7,500 (5-6-63).

FERGUSSON, WILLIAM A., Associate Professor of Mathematics, Summer Session of 1963, June 17-August 10, 1963, $2,112 for the period, supersedes previous Summer Session appointment (6-4-63).

FERRELL, RAY E., JR., Assistant in Geology, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (5-16-63).
FERRIER, ELMER E., Research Associate in the Institute for Research on Exceptional Children, June 17-August 10, 1963, $1,000 (5-22-63).

FERRY, DONALD R., Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, $2,000 for the period (5-23-63).

FLENNER, ROSS H., Senior Research Programmer in the Digital Computer Laboratory, three months from June 1, 1963, $875 a month, supersedes (5-22-63).

FLUMMERPELT, JOSEPH R., Instructor in Music, ½ time, academic year beginning September 1, 1963, $3,650 (5-13-63).

FOGHT, JAMES L., Research Assistant in Chemistry, April 1-June 15, 1963, $488.89 a month, supersedes (5-6-63).

FUJITA, TOSHD, Research Associate in Chemistry, one year from September 1, 1963, $6,500 (5-28-63).

GANS, RENA, Research Assistant in the State Water Survey, one year from July 1, 1963, $5,700 (5-17-63).

GANTZ, CLARENCE L., Assistant Professor of Medicine (Medicine), two months from July 1, 1963, $1,333.33 a month (5-9-63).

GERMAN, VICTOR F., Research Assistant in Chemistry, four months from May 1, 1963, $448.33 a month, supersedes (5-16-63).

GERSTNER, ROBERT, Assistant Professor of Civil Engineering (Chicago Undergraduate Division), June 24-August 15, 1963, $1,867, additional (5-17-63).

GIDEON, FRANK Y., Instructor in Russian, academic year beginning September 1, 1963, $7,000 (5-31-63).

GOMOLL, ALLEN W., Assistant Professor of Pharmacology (Medicine), two months from July 1, 1963, $944.45 a month, additional (5-23-63).

GURISHANKAR, VENMU, Assistant Professor of Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, $1,689 for the period, supersedes previous Summer Session appointment (5-23-63).

GREENBERG, NAHMAN R., Assistant Professor of Psychiatry (Medicine), one year from July 1, 1963, $15,500, supersedes (5-8-63).

GRIGGEY, ANN V., Counselor in Speech and Theatre — Summer Residential Program, Summer Session of 1963, 17/100 time, June 17-August 10, 1963, $150 for the period (5-22-63).

GRUNER, BARBARA J., Research Assistant in the State Water Survey, one year from July 1, 1963, $5,500 (5-17-63).

GULDNER, RUTH C., Acquisition Assistant in the Library, one year from September 1, 1963, $5,500 (5-16-63).

HALE, JONATHAN, Counselor in Speech and Theatre — Summer Residential Program, Summer Session of 1963, 17/100 time, June 17-August 10, 1963, $150 for the period (5-22-63).

HALKO, ARLENE A., Clinical Assistant Professor of Radiology (Medicine), ½ time, one year from September 1, 1963, $1,800, supersedes nonsalaried appointment (5-31-63).

HANSELL, SVEN H., Instructor in Music, academic year beginning September 1, 1963, $6,900 (5-22-63).

HARPER, RICHARD S., III, Research Assistant in Ceramic Engineering (C), one year from September 1, 1963, $5,400 (5-8-63).

HAYWARD, HAROLD N., Professor of Electrical Engineering in the Indian Institute of Technology, Kharagpur, India, one year from May 12, 1963, $19,621, supersedes (5-13-63).


HELLER, FLOYD N., Instructor in Anesthesiology, Department of Surgery (Medicine), ½ time, May 10-August 31, 1963, $828.33 a month, supersedes nonsalaried appointment (5-24-63).

HENNE, BERTRAND W., Assistant in the Institute of Aviation, two months from June 16, 1963, $475 a month (5-16-63).

HESSELBERTH, CASSIUS A., Instructor in Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, $1,156 for the period, supersedes previous Summer Session appointment (5-23-63).

HETHERINGTON, JACK H., Research Associate in Physics (C), two months from June 16, 1963, $800 a month (5-22-63).
Hochhauser, Martin, Clinical Assistant Professor of Radiology (Medicine), 1/10 time, three months from June 1, 1963, $120.84 a month, supersedes (5-27-63).

Hohn, Franz E., Associate Professor of Mathematics, Summer Session of 1963, June 17-August 10, 1963, $2,400 for the period (6-4-63).

Hunt, Charles K., Associate Professor of Chemistry, Summer Session of 1963, June 17-August 10, 1963, $2,156 for the period (5-16-63).

Ingalls, Robert L., Research Associate in Physics (C), one year from September 1, 1963, $8,500 (5-6-63).

Iversen, Mrs. Audrey N., Classics Librarian, with rank of Instructor (Library), one year from September 1, 1963, $7,500 (5-31-63).

Jacobson, Albert S., Research Associate in Education (University High School), one year from September 1, 1963, without salary (5-31-63).

Jennings, C. A., Visiting Lecturer in Speech and Theatre, 1/2 time, and in University Theatre, 1/2 time, Summer Session of 1963, June 17-August 10, 1963, $1,750 for the period (5-23-63).


Jones, Robert M., Instructor in Theoretical and Applied Mechanics (C), 1/2 time, academic year beginning September 1, 1963, $1,500 (5-6-63).

Katz, Morris W., Visiting Lecturer in Mathematics, Summer Session of 1963, 1/2 time, June 17-August 10, 1963, $1,000 for the period (6-4-63).

Kaufman, Marguerite S., Assistant Architecture Librarian, with rank of Instructor (Library), one year from September 1, 1963, $7,000 (5-14-63).

Kellogg, Mrs. Isabel M., Assistant Professor of Occupational Therapy (Medicine), 1/2 time, four months from June 1, 1963, $354.17 a month (5-31-63).

Kilian, Thomas J., Research Associate in the Coordinated Science Laboratory (C), 1/2 time, one year from September 1, 1963, $3,180 (5-28-63).

Kinney, Paul T., Assistant Professor of Finance, two months from June 16, 1963, $1,011.11 a month, additional (5-28-63).

Koch, Mrs. Anita, Assistant in Nursing, academic year beginning September 1, 1962, $5,150, supersedes (5-17-63).

Koester, Paul W., Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, $2,000 for the period (5-16-63).

Kulis, John C., Clinical Instructor in Medicine (Medicine), 24/100 time, four months from May 1, 1963, $150 a month, supersedes nonsalaried appointment (5-31-63).

Landry, Joseph P. F., Research Assistant in Physiology and Biophysics, three months from May 16, 1963, $1,333.32 (5-6-63).

Lang, Melvin, Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, $2,000 for the period (5-6-63).

LeBlanc, Norman A., Visiting Lecturer in the Department of Chemistry and Chemical Engineering, Summer Session of 1963, June 17-August 10, 1963, $2,250 for the period (5-28-63).

Lee, Choachon, Research Assistant in Physics (C), two months from June 16, 1963, $934 (5-16-63).

Lehmann, John R., Jr., Instructor in Electrical Engineering, Summer Session of 1963, June 17-August 10, 1963, $1,423 for the period, supersedes previous Summer Session appointment (5-23-63).

Leon, Hector R., Assistant in Anesthesiology, Department of Surgery (Medicine), seven months from December 1, 1962, without salary (5-8-63).

Lieman, Daniel S., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1963, $933.32 (5-28-63).

Lindblad, Nero R., Research Assistant in the State Water Survey, one year from July 1, 1963, $7,500 (5-17-63).

Lindholm, Carl E., Instructor in Mathematics, Summer Session of 1963, June 17-August 10, 1963, $1,556 for the period (6-4-63).

Lopez-Belio, Mariano, Clinical Assistant Professor of Surgery (Medicine), 1/4 time, four months from May 1, 1963, $180 a month, supersedes (5-6-63).

Lynch, Asta V., Research Assistant in Medicine (Medicine), one year from July 1, 1963, $5,150 (5-16-63).
MAINOUS, BRUCE H., Associate Professor of French, Summer Session of 1963, ½ time, June 17-August 10, 1963, $1,145 for the period, supersedes previous Summer Session appointment (6-4-63).

MANDY, WILLIAM J., Research Associate in Microbiology, three months from June 1, 1963, $625 a month (5-22-63).

MARTENS, GERT, Instructor in Electrical Engineering (C), ½ time, academic year beginning September 1, 1963, $2,600 (5-8-63).


MCDONALD, BRUCE E., Research Associate in Animal Science (S), August 1, 1963-August 31, 1964, $6,500 a year (5-29-63).

MCMASTERS, DONALD L., Visiting Lecturer in Chemistry, nine months from September 16, 1963, $8,000 (5-28-63).

MCQUETEY, MARY E., Assistant in Physical Education for Women (Chicago Undergraduate Division), nine months from September 16, 1963, $5,200 (5-31-63).

MENDEL, CLIFFORD W., Professor of Mathematics, Summer Session of 1963, June 17-August 10, 1963, $2,667 for the period (6-4-63).

MOELLER, KELVIN K., Assistant in the Institute of Aviation, one year from September 1, 1963, $5,150 (5-28-63).

MOORE, CHARLES A., Assistant in the Institute of Aviation, two months from June 16, 1963, $450 a month (5-16-63).

MORGAN, BRUCE W., Instructor in Economics, academic year beginning September 1, 1963, $8,500 (5-29-63).

MOSSILLO, FRANCIS, Professor General Engineering (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, $1,489 for the period (5-14-63).

MUELLER, EUGENE A., Research Associate in the State Water Survey, one year from July 1, 1963, $11,700 (5-17-63).

MUELLER, HENRY F., Research Associate in the State Water Survey, ½ time, one year from July 1, 1963, $4,625 (5-17-63).

MUELLER, THOMAS E., Research Associate in the Coordinated Science Laboratory (C), ½ time, one year from September 1, 1963, $3,425 (5-28-63).

MUNSON, KARL F., Instructor in Rural Recreation Extension (Agricultural Economics, and Cooperative Extension Service) (C and E), June 1, 1963-August 31, 1964, $9,500 a year, supersedes (5-13-63).

MUSLIN, HYMAN L., Assistant Professor of Psychiatry (Medicine), one year from July 1, 1963, $13,500 (5-13-63).

NACHTMANN, FRANCIS W., Associate Professor of French, Summer Session of 1963, ½ time, June 17-August 10, 1963, $934 for the period (6-4-63).


NELSON, CLIFFORD M., Jr., Assistant in Geology, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (6-3-63).

NESSLER, FRANCIS A., Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, $1,200 for the period (5-6-63).

NEWMARK, NATHAN M., Professor of Civil Engineering, Summer Session of 1963, ½ time, June 17-July 13, 1963, $631 for the period, supersedes previous Summer Session appointment (5-23-63).

nishikawa, Yoshihiro, Research Associate in Chemistry, one year from September 1, 1963, $6,100 (4-22-63).

ORLAND, GEORGE H., Instructor in Mathematics, Summer Session of 1963, ½ time, June 17-August 10, 1963, $834 for the period, supersedes previous Summer Session appointment (6-4-63).

PADEN, MRS. ELAINE P., Assistant Professor of Speech and Theatre, academic year beginning September 1, 1963, $7,200 (5-31-63).
PAGE, KENNETH C., Electron Microscope Engineer in the Electron Microscope Facility (School of Life Sciences), four months from May 1, 1963, $1,041.66 a month (5-2-63).

PANZINTO, JOAN C., Instructor in Music, academic year beginning September 1, 1963, $6,500 (5-26-63).

PARNAS, (M.I.) ITZCHAK, Research Associate in Physiology and Biophysics, one year from September 1, 1963, $6,100 (5-31-63).


PENEV, LUBEN C., Clinical Instructor in Medicine (Medicine), 24/100 time, four months from May 1, 1963, $150 a month, supersedes nonsalaried appointment (5-31-63).

PERLMAN, RAYMOND, Associate Professor of Art, Summer Session of 1963, June 17-August 10, 1963, $2,223 for the period, supersedes previous Summer Session appointment (6-4-63).

PETERS, J. WILLIAM, Associate Professor of Mathematics, Summer Session of 1963, June 17-August 10, 1963, $2,345 for the period (6-4-63).


PIEPER, WILLIAM J., Instructor in Psychiatry (Medicine), ½ time, July 1, 1963-August 31, 1964, $7,000 a year (5-13-63).

PIKE, NELSON C., Visiting Lecturer in Philosophy, Summer Session of 1963, June 17-August 10, 1963, $1,900 for the period (5-16-63).

PINES, DAVID, Professor of Physics (C), two months from June 16, 1963, $2,000 a month; this is in addition to his present appointment (5-17-63).

PRITNER, CALVIN L., Assistant Theatre Therapist in Speech and Theatre—Summer Residential Program, Summer Session of 1963, 45/100 time, June 17-August 10, 1963, $400 for the period (5-22-63).

QUAY, HERBERT C., Associate Professor of Special Education (Education) and of Psychology (College of Liberal Arts and Sciences), on indefinite tenure from September 1, 1963; and Research Director of the University of Illinois Children's Research Center (Executive Vice-President and Provost's Office), two years from September 1, 1963, $16,500 a year (5-14-63).

RAFUSE, ROBERT W., JR., Instructor in Economics, academic year beginning September 1, 1963, $8,300 (5-22-63).

RAFFEY, THOMAS G., Assistant in Mathematics, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (6-4-63).

RAMAJAH, KOMMINENI, Research Associate in Chemistry, two months from July 1, 1963, $508.33 a month (5-22-63).

REILLY, JAMES R., Instructor in Veterinary Pathology and Hygiene (College of Veterinary Medicine), ½ time, two months from July 1, 1963, $425 a month, supersedes (5-29-63).

RESCH, LOIS D., Research Assistant in the State Water Survey, one year from July 1, 1963, $6,300 (5-17-63).

RIPE, HAROLD, Instructor in Business Administration (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, $1,434 for the period (6-4-63).

ROBERTS, MARGARET R., Research Assistant in the State Water Survey, one year from July 1, 1963, $6,000 (5-17-63).

RÖDER, PAUL J., Research Assistant in Ceramic Engineering (S), three months from June 1, 1963, $1,440 (5-28-63).

ROSSI, HARRIETT, Instructor in Nursing, one year from September 1, 1962, $7,650, supersedes (5-16-63).

RUBERER, CLIFFORD G., Research Assistant in Ceramic Engineering (S), three months from June 1, 1963, $1,335 (5-23-63).

RUST, RAY D., Research Assistant in Physics (C), two months from July 1, 1963, $425 (5-28-63).

SALINGER, RICHARD, Research Associate in Secondary and Continuing Education, one year from September 1, 1963, $11,000 (5-13-63).

SAVAGE, JEROME A., Instructor in Art, Summer Session of 1963, ½ time, June 17-August 10, 1963, $845 for the period (6-4-63).

SCHAUBLÉ, JOSEPH H., Research Associate in Chemistry, June 16-August 31, 1963, $1,334, supersedes (5-14-63).
SCHEYER, FREDERICK D., Assistant in the Institute of Aviation, two months from June 16, 1963, $465 a month (5-16-63).

SCHIAPPA, FERDINANDO B., Assistant in Anesthesiology, Department of Surgery (Medicine), three months from April 1, 1963, without salary (5-8-63).


SEABRIGHT, MRS. FRANCES K., Instructor in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1963, ½ time, June 21-August 16, 1963, $756 for the period, supersedes previous Summer Session appointment (5-14-63).

SHERBET, DONALD R., Instructor in Mathematics, Summer Session of 1963, ½ time, June 17-August 10, 1963, $723 for the period, supersedes previous Summer Session appointment (6-4-63).

SIDEBOTTOM, OMAR M., Professor of Theoretical and Applied Mechanics, Summer Session of 1963, ½ time, June 17-August 10, 1963, $2,001 for the period, supersedes previous Summer Session appointment (5-6-63).

SIMS, ARTHUR L., Research Assistant in the Graduate College and in the State Water Survey, May 13, 1963-June 30, 1964, $9,000 a year (5-22-63).

SINGH, H. DEVENDRA, Research Associate in Animal Science (S), four months from May 1, 1963, $487.50 a month (5-14-63).

SKLAR, LAWRENCE, Visiting Lecturer in Philosophy, Summer Session of 1963, June 17-August 10, 1963, $1,600 for the period (5-16-63).

SMITH, EDWARD B., Instructor in Music, academic year beginning September 1, 1963, $5,050 (5-6-63).

SMITH, JULIUS, Instructor in Mathematics, Summer Session of 1963, ½ time, June 17-August 10, 1963, $789 for the period (6-4-63).

SOLL, FRANK W., JR., Research Associate in the State Water Survey, 2/10 time, one year from July 1, 1963, $3,000 (5-17-63).

STALLMEYER, JAMES E., Professor of Civil Engineering, Summer Session of 1963, ½ time, June 17-August 10, 1963, $1,690 for the period (5-23-63).

STARK, KURT, Research Associate in Chemistry, one year from September 1, 1963, $6,100 (5-28-63).

STEWART, RAYMOND P., Professor of History, Summer Session of 1963, June 17-August 10, 1963, $3,289 for the period, supersedes previous Summer Session appointment (5-16-63).

STEFFENS, GEORGIA, Recreation Director in Speech and Theatre — Summer Residential Program, Summer Session of 1963, ½ time, June 17-August 10, 1963, $175 for the period (5-23-63).

STENGEL, SALLY A., Instructor in Medical Illustration (Vice-President's Office at the Medical Center), academic year beginning September 1, 1963, $5,000 (5-28-63).

STEBBINS, RICHARD J., Research Associate in Electrical Engineering (S), three months from June 1, 1963, $866.67 a month, supersedes (5-28-63).

STRANGE, RUSSELL P., Professor of Air Force Science and Head of the Department, on indefinite tenure, from March 1, 1963, without salary (5-13-63).

TERRELL, GLENN, JR., Professor of Psychology, on indefinite tenure, and Dean of the College of Liberal Arts and Sciences (Chicago Undergraduate Division), two years from September 1, 1963, $21,000 a year (5-15-63).
THAYER, FREDERICK D., III, Assistant in Russian, Summer Session of 1963, June 17-August 10, 1963, $889 for the period, supersedes previous Summer Session appointment (5-26-63).

THIEB, GERALD E., Research Assistant in Physics (C), two months from June 16, 1963, $934 (5-16-63).

THIER, HERBERT D., Research Associate in Secondary and Continuing Education, one year from September 1, 1963, $11,400 (5-22-63).

THOMPSON, WILLIAM R., Assistant in the Graduate School of Library Science, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (5-16-63).

THIEBOUT, HARRY M., JR., Associate Professor of Philosophy, Summer Session of 1963, June 17-August 10, 1963, $2,067 for the period, supersedes previous Summer Session appointment (5-16-63).

TIECKE, RICHARD, Lecturer in Oral Pathology with rank of Professor (Dentistry), 1/5 time, three months from June 1, 1963, $600, supersedes (5-14-63).

TOROK, NICHOLAS, Associate Professor of Otolaryngology (Medicine), 1/6 time, three months from June 1, 1963, $1,066.66 a month, supersedes (5-28-63).

TURK, HENRY A., Instructor in Rural Recreation (E), June 15, 1963-August 31, 1964, $6,300 a year, supersedes (5-28-63).

TUSSING, RICHARD C., Instructor in Business Management (Bureau of Business Management), three months from June 1, 1963, $625 a month (5-23-63).


WAKAE, MASAMI, Assistant in Mathematics, Summer Session of 1963, June 17-August 10, 1963, $889 for the period (6-4-63).

WALKER, ROBERT A., Instructor in History (College of Liberal Arts and Sciences), 1/5 time, and in Teacher Training Counseling (Education), 1/5 time, academic year beginning September 1, 1963, $7,500 (5-28-63).

WEBB, HAROLD D., Professor of Electrical Engineering, Summer Session of 1963, 2/5 time, June 17-August 10, 1963, $1,256 for the period (5-23-63).

WEBER, GERALD I., Instructor in Economics, academic year beginning September 1, 1963, $8,300 (5-22-63).

WILL, FREDERICK L., Professor of Philosophy, Summer Session of 1963, 1/4 time, June 17-August 10, 1963, $413 for the period (5-16-63).

WILLIAMS, ERNEST B., Clinical Associate in Preventive Medicine (Medicine), three months from June 1, 1963, without salary (5-23-63).

WILLETT, MAURITA F., Assistant Professor of English (Chicago Undergraduate Division), June 21-August 16, 1963, $1,612, additional (5-17-63).

WITSKEN, JOHN R., Research Assistant in the Digital Computer Laboratory, two months from June 16, 1963, $933.32 (5-28-63).

WOLFE, MARTIN S., Research Assistant Professor of Education (University High School), two months from June 16, 1963, $1,878, additional (5-23-63).

YEH, ROBERT, Research Assistant in Physics (C), two months from June 16, 1963, $934 (5-16-63).

YON, MUSTAPA K., Clinical Assistant Professor of Anesthesiology, Department of Surgery (Medicine), 1/4 time, four months from May 1, 1963, $220.83 a month, superseded (5-8-63).

ZETTAS, JAMES P., Clinical Instructor in Orthopaedic Surgery (Medicine), three months from June 1, 1963, without salary (5-23-63).

ZIEGLER, RUSSELL A., Visiting Lecturer in Advertising (Journalism and Communications), to render service during the first semester of the academic year, September 1, 1963-February 28, 1964, $4,337.50 (5-23-63).

GRADUATE FELLOWS

(The following appointments made by the Dean of the Graduate College were approved on the date indicated in parentheses.)

ABDUL-BAIU, AREF A., Summer Fellow in Horticulture, two months from June 16, 1963, $375 (4-30-63).

AKIN, FINIS D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,740 (4-25-63).

ANDERSON, LYNN R., National Science Foundation Summer Fellow in Psychology, June 16-September 7, 1963, $900 (4-25-63).
ABONS, HARRIET D., University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (3-29-63).

Asik, JOSEPH R., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1963, $2,400 (4-25-63).

Aspnes, DAVID E., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1963, $2,400 (4-25-63).

Banna, NABIL R., University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (3-29-63).

BARRY, LYNETTE F., George A. Miller Fellow in English, nine months from September 16, 1963, $1,600; and two months from June 16, 1964, $400, supersedes (5-2-63).

BENARD, EDMUND F., Fellow in Civil Engineering, nine months from September 16, 1963, $2,000; and two months from June 16, 1964, $500, supersedes (5-6-63).

Benoit, CATHERINE, University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (3-29-63).

Bennett, WILLIAM A., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1963, $1,020 (5-16-63).

Bertland, ALEXANDER U., II, United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $800 (5-20-63).

Billington, JOHN A., Fellow (Intern) in Government and Public Affairs, nine months from September 16, 1963, $2,025 (5-6-63).

Boers, BURDETTE L., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1963, $2,400 (5-16-63).

Boles, THEODORE F., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1963, $1,020 (5-16-63).

Bramsner, LINDA R., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1963, $2,400 (4-25-63).

Briggs, JERRY L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,740 (4-25-63).

Brittain, THOMAS M., National Science Foundation Cooperative Fellow in Mechanical Engineering, one year from September 1, 1963, $2,400 (4-25-63).

Bromels, EDWARD, National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1963, $1,020 (5-16-63).

Broosamer, GUNNAR, Teaching Fellow in Mathematics, nine months from September 16, 1963, $1,500; and two months from June 16, 1963, $375 (3-30-63).

Broosamer, RONALD W., Postdoctoral Fellow (Trainee) in Chemistry, two months from June 16, 1963, $1,556; this is in addition to his appointment as Instructor in Biochemistry (5-28-63).


Brown, MRS. SHARON L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-26-63).

Buffington, SIDNEY C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).

Butlerworth, DOUGLAS S., Fellow in Anthropology, nine months from September 16, 1963, $2,000; and two months from June 16, 1963, $500 (3-30-63).

Carlson, LOREN G., Fellow (Intern) in Government and Public Affairs, one year from July 1, 1963, $2,700 (5-6-63).

Carney, JOSEPH H., Sigma Xi Summer Fellow in Chemistry, two months from June 16, 1963, $500, supersedes (5-3-63).

Carraway, KERMIT L., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1963, $1,020 (5-16-63); and National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1963, $2,400 (5-1-63).

Carter, ROBERT L., National Aeronautics and Space Administration Fellow in Civil Engineering, one year from September 1, 1963, $2,400 (5-17-63).

Chalfant, JAMES C., United States Office of Education Fellow in Education, nine months from September 16, 1963, $4,400 (5-7-63).

Clark, HERBERT J., National Science Foundation Summer Fellow in Psychology, June 16-September 7, 1963, $1,020 (5-16-63).
COLLIER, CHARLES P., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

COOPER, JEFFERY M., National Science Foundation Cooperative Fellow in Mathematics, nine months from September 16, 1963, $1,800 (4-25-63).

COTE, WILLIAM E., National Science Foundation Summer Fellow in Geology, June 16-September 7, 1963, $1,020 (5-16-63).

COTTER, STANLEY, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).


CRALLEY, JOHN C., National Science Foundation Summer Fellow in Zoology, June 16-September 7, 1963, $1,020 (5-16-63).

CRILEY, BRUCE B., Summer Fellow in Zoology, one month from July 16, 1963, $187.50 (4-24-63).

CUPTIS, RICHARD, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).

DAGRES, JOHN, George A. Miller Fellow in History, nine months from September 16, 1963, $1,600; and two months from June 16, 1964, $400, supersedes (5-2-63).

DAVIS, EMILE M., United States Public Health Service Postdoctoral Fellow (Trainee) in Dentistry at the Medical Center, three months from April 1, 1963, $542 a month (3-19-63).

DEGNAN, JUDITH A., University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (3-29-63).

DE VLIEGER, DANIEL, Summer Fellow in Political Science, two months from June 16, 1963, $375 (4-17-63).

DONEGAN, ROSA M., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

DRAPER, MILTON A., Summer Fellow (Trainee) in Physiology, three months from June 16, 1963, $600 (4-16-63).

DRUCKER, HARVEY, United States Public Health Service Fellow (Trainee) in Microbiology, one year from July 1, 1963, $2,800 (5-24-63).

DUNN, HOWARDE., Phillips Petroleum Company Fellow in Chemistry, nine months from September 16, 1963, $2,000 (4-19-63).

EBNER, CHARLES A., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1963, $1,800 (4-25-63).

EDGERTON, STEPHENIE G., Summer Fellow in Education, two months from June 16, 1963, $375 (4-17-63).

EKDAHL, FRANCIS E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).

ELIAS, CHESTER G., Jr., Fellow (Intern) in Government and Public Affairs, nine months from September 16, 1963, $2,025 (5-6-63).

EYESTEL, GERALD R., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1963, $2,400 (4-25-63).

FINLEY, JUDITH A., Summer Fellow in History, two months from June 16, 1963, $375 (5-2-63).

FISHER, BARBARA N., United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $445 (5-16-63).

FISHER, FARLEY, National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1963, $2,400 (4-25-63).

FLYNN, CHARLES M., Jr., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 16, 1963, $1,800 (4-25-63).

FORSMAN, ROGERICK G., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, $1,800 (5-16-63).

FRANKLIN, GUS L., III, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).


FRISH, JAMES M., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1963, $444.32 (5-23-63).

FRIEDMAN, ROBERT B., Summer Fellow (Trainee) in Biological Chemistry, three months from June 16, 1963, $600 (4-16-63).
Fung, Alice S. C., Summer Fellow (Trainee) in Physiology, three months from June 16, 1963, $600 (4-16-63).

Garber, Bard, Fellow in Law, nine months from September 16, 1963, $2,000; and two months from June 16, 1964, $500 (3-30-63).

Garland, Roy E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).

Gericke, Wolfgang, Summer Fellow (Trainee) in Pharmaceutical Chemistry, three months from June 16, 1963, $600 (4-16-63).

Goodman, Alan B., Summer Fellow (Trainee) in Physiology, three months from June 16, 1963, $600 (4-16-63).

Gordon, Alan, National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1963, $1,800 (4-25-63).

Gossen, Sandra A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

Grimes, George V., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).

Grotzinger, Laurel A., Fellow in Library Science, nine months from September 16, 1963, $1,500; and two months from June 16, 1964, $375 (5-2-63).

Gundersen, Larry E., United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $445 (5-20-63).

Habas, Linda B., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1963, $2,666.66 (5-23-63).

Haggstrom, Gus W., National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1963, $2,400 (4-25-63).

Haley, Kenneth W., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1963, $2,400 (4-25-63).

Hall, Edna J., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1963, $2,400 (4-25-63).

Hall, Jean, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

Hall, Richard S., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1963, $2,400 (4-25-63).

Hannula, Thomas A., Summer Fellow in Mathematics, two months from June 16, 1963, $375 (4-1-63); and National Aeronautics and Space Administration Fellow in Mathematics, one year from September 1, 1963, $2,400, supersedes (5-17-63).


Harrison, Willard W., C. S. Marvel Fellow in Chemistry, nine months from September 16, 1963, $2,000 (4-22-63).

Hartmen, Richard R., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).


Herber, William J., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,740 (4-25-63).

Heuer, Ronald E., National Science Foundation Cooperative Fellow in Geology, one year from June 16, 1963, $2,400 (4-25-63).

Hoch, James A., United States Public Health Service Fellow (Trainee) in Microbiology, one year from July 1, 1963, $3,300 (5-24-63).

Hollington, M. A., Fellow in English, nine months from September 16, 1963, $2,000; and two months from June 16, 1964, $500 (3-30-63).

Holmes, Ronald L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1962, $4,835, supersedes (5-6-63).

Hoyt, Ronnie A., National Science Foundation Cooperative Fellow in Electrical Engineering, nine months from September 16, 1963, $1,800 (4-25-63).

Hummel, Floyd A., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1963, $2,400 (4-25-63).
HURLEY, OLIVER L., United States Office of Education Fellow in Education, nine months from September 16, 1963, $3,600 (5-7-63).

IMHOFF, VIOLET I., National Science Foundation Cooperative Fellow in Chemistry, nine months from September 1, 1963, $1,800 (5-16-63).

INCREMONA, JOSEPH H., Rohm and Haas Company Fellow in Chemistry, nine months from September 16, 1963, $1,900 (4-19-63).

JONES, ROBERT W., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).

JONES, ALAN K. G., Fellow in Business Administration, nine months from September 16, 1963, $1,500 (3-30-63).

JONES, MACK, Summer Fellow in Political Science, two months from June 16, 1963, $375 (5-2-63).

JOSEPHSON, CHARLES H., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).

JUNG, ROBERT W., Summer Fellow in Philosophy, two months from June 16, 1963, $375 (4-16-63).

KAHNN, WALTER J., United States Public Health Service Fellow (Trainee) in Ophthalmology at the Medical Center, three months from April 1, 1963, $1,650, supersedes (3-27-63).

KARLIN, MARVIN W., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).

KEENER, RONALD L., National Science Foundation Summer Fellow in Chemistry, June 16-August 10, 1963, $680 (5-16-63).

KING, HAROLD D., National Science Foundation Cooperative Fellow in Theoretical and Applied Mechanics, one year from September 1, 1963, $2,400 (4-25-63).

KELLER, JAMES J., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1963, $2,400 (4-25-63).

KELLY, THOMAS J., Summer Fellow in History, two months from June 16, 1963, $375 (5-2-63).

KINNY, MARGARET A., Summer Fellow (Trainee) in Biological Chemistry, three months from June 16, 1963, $600 (4-16-63).

KIRKHEFER, BARBARA J., National Science Foundation Summer Fellow in Botany, June 16-September 7, 1963, $1,020 (5-16-63).

KIELGAS, STEPHEN E., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1963, $1,800 (4-25-63).

KIRKBY, LARRY L., Monsanto Chemical Company Fellow in Chemical Engineering, nine months from September 16, 1963, $2,000 (4-19-63).

KNAUPP, JONATHAN E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).

KNOCH, JAMES A., United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $445 (5-20-63).

KOMINEK, LEO A., United States Public Health Service Fellow (Trainee) in Microbiology, one year from July 1, 1963, $3,200 (5-24-63).

KOOP, JOHN D., Fellow in Botany, nine months from September 16, 1963, $1,500; and two months from June 16, 1964, $375 (3-30-63); and Summer Fellow in Botany, two months from June 16, 1963, $375 (4-16-63).

KOOP, JAMES V., Summer Fellow (Trainee) in Microbiology, three months from June 16, 1963, $600 (4-16-63).

KOPP, LINDA M., Fellow in Russian, nine months from September 16, 1963, $1,500; and two months from June 16, 1963, $475, supersedes (5-31-63).

KRANCK, LINDA L., United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $445 (5-20-63).

KUNZE, BARBARA A., Fellow in Mathematics, nine months from September 16, 1963, $1,500; and two months from June 16, 1964, $375 (3-30-63).

LABACH, WILLIAM A., National Science Foundation Summer Fellow in Mathematics, June 16-August 10, 1963, $680 (5-16-63).

LARSON, CARL S., National Science Foundation Summer Fellow in Mechanical Engineering, June 16-August 10, 1963, $680 (5-16-63).

LARVEA, JEMIMA U., University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (3-29-63).
Latta, Thomas M., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1963, $1,020 (5-16-63).
Leffmann, Gerald A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).
Line, William F., Summer Fellow (Trainee) in Biological Chemistry, three months from June 16, 1963, $600 (4-16-63).
Lister, Basil M., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,740 (4-25-63).
Loos, James S., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1963, $2,400 (4-25-63).
Lucas, John P., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,740 (4-25-63).
Lynch, Richard W., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1963, $2,400 (4-25-63).
Martin, Lawrence L., Edward Orton Jr. Foundation Fellow in Ceramic Engineering, nine months from September 16, 1963, $1,600 (5-29-63).
Martin, Sanford M., Jr., National Science Foundation Summer Fellow in Economics, June 16-September 7, 1963, $1,020 (5-16-63).
McCormick, James L., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1963, $2,400 (4-25-63).
McDowell, Leland K., National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1963, $2,400 (4-25-63).
McGarity, David F. R., National Science Foundation Summer Fellow in Geology, June 16-September 7, 1963, $1,020 (5-16-63).
McGlamery, Marshal D., National Science Foundation Cooperative Fellow in Agriculture, one year from September 1, 1963, $2,400 (4-25-63).
McKaughan, Larry S., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, $1,800 (5-17-63).
Miller, Donald M., United States Public Health Service Fellow (Trainee) in Psychology, two months from June 16, 1963, $444.34 (5-23-63).
Miller, Larry L., Eli Lilly Company Fellow in Chemistry, nine months from September 16, 1963, $2,000 (4-19-63).
Mischeke, Richard E., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1963, $2,400 (4-25-63).
Mishkin, David J., National Science Foundation Summer Fellow in Economics, June 16-September 7, 1963, $1,020 (5-16-63).
Moehlis, Ronald D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).
Monnard, Richard F., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).
Morris, Allan H., Medical Student Alternative Quarter Fellow, March 18-June 8, 1963, $200 (4-4-63).
Morris, Charles G., II, National Science Foundation Cooperative Fellow in Psychology, one year from September 1, 1963, $2,400 (4-25-63).
Moss, Steven A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,790 (4-25-63).
Mulholland, Royal W., Summer Fellow in Education, two months from June 16, 1963, $375 (4-16-63).
Murphy, James T., Fellow (Intern) in Government and Public Affairs, nine months from September 16, 1963, $2,025 (5-6-63).
Murray, Cecil P., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).
Myers, David D., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, June 1, 1963-June 30, 1964, $7,041.66 (5-24-63).
Nelson, Norman N., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).
Odei, Stanley J., Summer Fellow in Philosophy, two months from June 16, 1963, $375 (4-16-63).

Olekne, Richard W., Minnesota Mining and Manufacturing Company Fellow in Chemistry, nine months from September 16, 1963, $2,000 (4-19-63).

O'Neill, William J., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1963, $2,400 (4-25-63).

Orr, Margery A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

Osborn, Thomas R., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1963, $2,400 (4-25-63).

Paige, James P., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).

Palmer, Richard A., National Science Foundation Summer Fellow in Chemistry June 16-August 24, 1963, $850 (5-16-63); and August Kochs Fellow in Chemistry, nine months from September 16, 1963, $2,000 (4-25-63).

Parr, Christopher A., National Science Foundation Summer Fellow in Chemistry June 16-August 1, 1963, $2,400 (4-25-63).

Patten, Joseph, Summer Fellow in Labor and Industrial Relations, two months from June 16, 1963, $375 (3-25-63).

Perkins, William E., United States Public Health Service Fellow (Trainee) in Physiology, two months from June 16, 1963, $444.34 (5-23-63).

Petrovich, John P., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1963, $2,400 (4-25-63).

Pieper, Edward H., Chemical Industries Council Summer Fellow in Chemistry, two months from June 16, 1963, $500 (4-24-63).

Piper, J. H., National Science Foundation Cooperative Fellow in Physics, one year from June 16, 1963, $2,400 (4-25-63).

Plevan, Robert E., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from June 16, 1963, $2,400 (4-25-63).

Pogany, Dennis, Summer Fellow (Trainee) in Pharmaceutical Chemistry, three months from June 16, 1963, $600 (4-16-63).

Porter, James A., Jr., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from June 16, 1963, $6,000 (5-24-63).

Portugal, Franklin H., Summer Fellow (Trainee) in Biological Chemistry, three months from June 16, 1963, $600 (4-16-63).

Pratt, Larry D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

Purcell, Keith F., Chemical Industries Council Summer Fellow in Chemistry, two months from June 16, 1963, $500 (4-24-63).

Randall, William J., Monsanto Chemical Company Fellow in Chemistry, nine months from September 16, 1963, $1,800 (4-25-63).

Raz, Amiram, Wright Fellow in Food Technology, nine months from September 16, 1963, $1,800; and two months from June 16, 1964, $600 (4-15-63).

Reihm, Allan S., National Science Foundation Summer Fellow in Mathematics, June 16-September 7, 1963, $1,020 (5-16-63).

Ripka, William C., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1963, $2,400 (4-25-63).

Roach, William R., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1963, $1,800 (4-25-63).

Rosenberg, Harry C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).

Rosenberg, Richard L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).

Ruth, Robin C., United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $445 (5-20-63).

Ryan, Robert P., Office of Vocational Rehabilitation Fellow (Trainee) in Education, two months from June 16, 1963, $700 (5-7-63).

Ryan, Sheila P., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

Ryckman, David B., United States Office of Education Fellow in Education, nine months from September 16, 1963, $2,800 (5-7-63).

Saeger, Kay E., United States Public Health Service Fellow (Trainee) in Physiology, one year from June 16, 1963, $2,666.66 (5-23-63).
Sagers, Richard D., Postdoctoral Fellow (Trainee) in Chemistry, two months from June 16, 1963, $2,445; this is in addition to his present appointment as Visiting Lecturer in Chemistry (5-28-63).

Sain, Michael K., National Science Foundation Summer Fellow in Electrical Engineering, June 16-August 17, 1963, $765 (5-16-63).

Samuel, William S., Jr., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).

Sandford, Paul A., United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $445 (5-16-63).

Saunders, Grady F., United States Public Health Service Fellow (Trainee) in Microbiology, one year from July 1, 1963, $3,200 (5-24-63)

Schimbor, Richard F., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1963, $2,400 (4-25-63).

Scott, Alan N., National Science Foundation Summer Fellow in Chemistry, June 16-September 7, 1963, $1,020 (5-16-63).

Sell, Maurice G., Jr., Procter and Gamble Fellow in Chemical Engineering, nine months from September 16, 1963, $1,800 (4-26-63).

Sensabaugh, Richard G., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).

Shier, John S., National Science Foundation Cooperative Fellow in Physics, nine months from September 16, 1963, $1,800 (4-25-63).

Shoffner, James P., Summer Fellow (Trainee) in Pharmaceutical Chemistry, three months from June 16, 1963, $600 (4-16-63).

Singh, Amarjit H., Teaching Fellow in Physics, nine months from September 16, 1962, $1,800; and two months from June 16, 1963, $350, supersedes (5-5-63).

Sirbasku, David A., University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (4-1-63).

Sister Mary K. Fellin, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $3,600 (4-25-63).

Sister Mary St. Margarett Pumpheret, National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $1,800 (4-25-63).

Smith, Alton L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,170 (4-25-63).

Smith, John E., Jr., National Science Foundation Cooperative Fellow in Physics, one year from September 1, 1963, $2,400 (4-25-63).

Smith, Theodore F., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1963, $2,100 (5-16-63).


Son, Jaime S., Fellow in Chemical Engineering, nine months from September 16, 1963, $1,800; and two months from June 16, 1964, $600 (4-30-63).

Spicer, Larry D., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1963, $2,400 (4-25-63).

Spinosa, Frank, Special Fellow in Music, nine months from September 16, 1963, $1,500 (4-24-63).

Stancz, Donald L., National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1963, $2,400 (4-25-63).

Stephens, John K., National Science Foundation Cooperative Fellow in Mathematics, nine months from September 16, 1963, $1,800 (4-25-63).

Stoll, Charles H., National Science Foundation Cooperative Fellow in Mechanical Engineering, one year from September 1, 1963, $2,400 (4-25-63).

Stone, Alexander P., Teaching Fellow in Mathematics, nine months from September 16, 1963, $1,500; and two months from June 16, 1963, $375 (3-30-63).

Stone, Mary A., Teaching Fellow in Education, nine months from September 16, 1963, $1,500; and two months from June 16, 1963, $375 (3-30-63).

Stensmo, Roger R., National Aeronautics and Space Administration Fellow in Mechanical Engineering, one year from September 1, 1963, $3,000, supersedes (5-17-63).

Strunk, Richard E., Fellow (Teaching Intern) in Mechanical Engineering, nine months from September 16, 1963, $2,400 (5-16-63).

Suconick, Naomi, Fellow in English, nine months from September 16, 1963, $2,000; and two months from June 16, 1964, $500 (3-30-63).
Sussmann, Rosalina, National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1963, $2,400 (4-25-63).
Swallow, Ronald J., United States Public Health Service Predoctoral Fellow in Biophysics, one year from February 1, 1963, $3,200 (4-16-63).
Tasch, Aloysious F., National Aeronautics and Space Administration Fellow in Physics, one year from September 1, 1963, $2,400, supersedes (5-17-63).
Taylor, Bert A., National Science Foundation Summer Fellow in Mathematics, June 16-August 10, 1963, $680 (5-16-63); and National Science Foundation Cooperative Fellow in Mathematics, one year from September 1, 1963, $2,400 (4-25-63).
Thomas, John D., Summer Fellow in Speech, two months from June 16, 1963, $375 (4-16-63).
Thompson, Stephen I., Summer Fellow in Anthropology, two months from June 16, 1963, $375 (4-16-63).
Tomasson, Richard F., Fellow in Sociology, three months from June 16, 1963, $900; this is in addition to his appointment as Assistant Professor of Sociology and in the Division of General Studies (5-13-63).
Twyk, David P., Summer Fellow in Communications, two months from June 16, 1963, $375 (4-16-63).
Trimble, Ralph W., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, $1,800 (5-17-63).
Trowbridge, George C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).
Uddin, David E., University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (3-29-63).
Underhill, Donald K., Summer Fellow in Zoology, two months from June 16, 1963, $375 (4-17-63).
Vaichulis, Eugene M., Summer Fellow (Trainee) in Microbiology, three months from June 16, 1963, $600 (4-16-63).
Van der Voorn, Peter C., National Science Foundation Cooperative Fellow in Chemistry, one year from September 1, 1963, $2,400 (4-25-63).
Vaughan, Robert W., National Science Foundation Cooperative Fellow in Chemical Engineering, one year from September 1, 1963, $2,400 (4-25-63).
Vayo, Harris W., United States Public Health Service Fellow (Trainee) in Biophysics, two months from June 16, 1963, $444.34 (5-23-63).
Vergin, Marcia A., United States Public Health Service Summer Fellow (Trainee) in Chemistry, two months from June 16, 1963, $445 (5-20-63).
Virus, Carolyn R., University Fellow at the Medical Center, one year from September 1, 1963, $2,300 (3-29-63).
Wagner, Curtis A., National Science Foundation Cooperative Fellow in Physics, one year from September 16, 1963, $2,400 (4-25-63).
Walker, Leigh E., National Science Foundation Cooperative Fellow in Chemistry, one year from June 16, 1963, $2,400 (4-25-63).
W. M. Wilson, John B., National Science Foundation Cooperative Fellow in Mathematics, nine months from September 16, 1963, $1,800 (4-25-63).
Watanabe, Renate G., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $1,800 (4-25-63).
Weimer, Richard C., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).
West, Hoyal B., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,310 (4-25-63).
Wilkinson, Jack W., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $5,880 (4-25-63).
Wilson, George S., National Science Foundation Summer Fellow in Chemistry, June 16-August 24, 1963, $850 (5-16-63).
Wilson, John E., Parke, Davis Company Summer Fellow in Chemistry, two months from June 16, 1963, $700 (4-26-63).
Wilson, Paul R., National Science Foundation Cooperative Fellow in Mathematics, one year from June 16, 1963, $2,400 (4-25-63).
Winterauer, William L., Jr., National Science Foundation Cooperative Fellow in Mechanical Engineering, one year from September 1, 1963, $2,400 (4-25-63).
Wiseman, Douglas E., United States Office of Education Fellow in Education, nine months from September 16, 1963, $4,000 (5-7-63).
WOLFE, BARRY E., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, $1,800 (5-17-63).

WOFFERSHEIM, JANET P., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, $2,000 (5-17-63).


WOZNIAK, LOUIS, National Science Foundation Summer Fellow in Electrical Engineering, June 16-August 10, 1963, $680 (5-16-63).

WRZESZCZ, OWEN E., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, $4,740 (4-25-63).

YAMASHIROYA, HERBERT M., Summer Fellow (Trainee) in Microbiology, three months from June 16, 1963, $500 (4-16-63).

YEN, SIAN L., Fellow in Linguistics, nine months from September 16, 1963, $1,500; and two months from June 16, 1964, $375 (5-23-63).

**RESIGNATIONS, DECLINATIONS, AND TERMINATIONS**

BALDINO, MRS. EVANGELINE, Acquisition Assistant in the Library — resignation effective June 22, 1963.

BLYTH, COLIN R., Professor of Mathematics, Summer Session of 1963 — declination effective June 17, 1963.

BORCHERS, GERTRUDE L., Professor of Nutrition — resignation effective July 16, 1963.

BRIDGES, THOMAS W., Instructor in Music — resignation effective September 1, 1963.

BUTWELL, RICHARD L., Associate Professor of Political Science, Summer Session of 1963 — resignation effective June 17, 1963.


CROW, MERWIN R., Instructor in Hygiene and Psychiatric Social Worker in the Health Service — declination effective September 1, 1963.

DAVIS, NUEL P., Assistant Professor of English, Summer Session of 1963 — resignation effective June 17, 1963.

DEMARRE, ROBERT G., Associate Professor of Psychology and Director of the Office of Instructional Research — resignation effective September 1, 1963.

DICKINSON, MARSHA, Research Assistant in Political Science — resignation effective June 8, 1963.


ENATA, ELOISE C., Instructor in English, Summer Session of 1963 — resignation effective June 17, 1963.

FRATICELLI, JOANNE C., Assistant in Occupational Therapy (Medicine) — resignation effective May 23, 1963.

HARPER, ANNE Y., Research Assistant in the Bureau of Economic and Business Research — resignation effective June 1, 1963.

HILL, ENID, Assistant in Social Sciences (Chicago Undergraduate Division), Summer Session of 1963 — resignation effective June 21, 1963.

HOUSE, JAMES E., Assistant in the Division of General Studies, Summer Session of 1963 — resignation effective June 17, 1963.

HUNT, ROGENE S., Visiting Lecturer in History (Chicago Undergraduate Division), Summer Session of 1963 — resignation effective June 21, 1963.

JOGDEN, SHISHIRKUMAR S., Assistant Professor of Mathematics — resignation effective September 1, 1963.

JOHNSON, MARGARET L., Instructor in Medical Social Work (Medicine) — resignation effective June 8, 1963.


KAHNE, STEPHEN J., Research Associate in the Coordinated Science Laboratory and Instructor in Electrical Engineering — resignation effective June 16, 1963.

KOENIG, THOMAS W., National Science Foundation Cooperative Fellow in Chemistry — resignation effective May 21, 1963.

LANGEBAKEL, RAY G., Associate Professor of Mathematics, Summer Session of 1963 — declination effective June 17, 1963.
LARSON, CARL M., Assistant Professor in Marketing, Summer Session of 1963—resignation effective June 21, 1963.
LINDERHOLM, CARL E., Instructor in Mathematics, Summer Session of 1963—declination effective June 17, 1963.
LOTHIAN, THOMAS A., Assistant in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1963—declination effective June 21, 1963.
MACN, JOHN H., JR., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1963—declination effective June 21, 1963.
MANDY, WILLIAM J., United States Public Health Service Fellow (Trainee) in Microbiology—resignation effective June 1, 1963.
MARIS, THEODORE A. J., Professor of Physics—resignation effective June 1, 1963.
MATLAW, RALPH E., Associate Professor of Russian and Head of the Department—resignation effective September 1, 1963; and Associate Professor of Russian, Summer Session of 1963—resignation effective June 17, 1963.
MAVOL, BRIAN H., Continental Oil Company Fellow in Mathematics—resignation effective September 16, 1963.
MCGUIRE, EDWARD, Research Assistant in Biological Chemistry (Medicine)—resignation effective May 15, 1963.
MENDIC, GISELA, Research Associate in Psychiatry (Medicine)—resignation effective May 1, 1963.
MULHISTAD, WILLIAM J., Assistant in Ceramic Engineering—resignation effective May 1, 1963.
NANIAN, EDWARD D., Research Associate in the Bureau of Economic and Business Research—resignation effective June 22, 1963.
OTIS, JACK, Associate Professor of Hygiene and Psychiatric Social Work Supervisor in the Health Service—resignation effective September 1, 1963.
PATTON, FRANKLIN D., Assistant in Geology, Summer Session of 1963—resignation effective June 17, 1963.
PORTER, JAMES A., Jr., Instructor in Veterinary Pathology and Hygiene—resignation effective June 16, 1963.
RACKE, MILTON L., Assistant Professor of Political Science (Chicago Undergraduate Division), Summer Session of 1963—resignation effective June 21, 1963.
ROHNS, LEONARD J., Professor of Air Force Science and Head of the Department—resignation effective March 1, 1963.
ROTHMAN, NEAL J., Assistant Professor of Mathematics, Summer Session of 1963—resignation effective June 17, 1963.
RURIK, ELEANOR, Registered Pharmacist (Pharmacy)—resignation effective June 24, 1963.
SACKHEIM, GEORGE I., Instructor in Physical Sciences (Chicago Undergraduate Division), Summer Session of 1963—resignation effective June 21, 1963.
SCHNOBRICH, WILLIAM C., Assistant Professor of Civil Engineering, Summer Session of 1963—resignation effective June 17, 1963.
SHAW, PAUL V., American Oil Foundation Fellow in Chemical Engineering—resignation effective April 1, 1963.
SPAULDING, ROBERT L., Assistant Professor of Education—resignation effective September 1, 1963.
SPENCE, CLARK C., Associate Professor of History, Summer Session of 1963—resignation effective June 17, 1963.
STEBEN, JOHN D., National Science Foundation Cooperative Fellow in Physics—resignation effective June 1, 1963.
STONECIPHER, A. KEITH, Instructor in Civil Engineering—resignation effective September 1, 1963.
TRUSS, HILMAN L., JR., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective May 10, 1963.
ULLOA, MARGOT, Professor of Operative Dentistry (Dentistry) — resignation effective September 1, 1963.
VASE, INDRA K., Research Associate in Botany — resignation effective July 1, 1963.
VESTLING, CARL S., Professor of Biochemistry — resignation effective September 1, 1963.
VINCI, ANTHONY J., Assistant Professor of Hygiene and Staff Physician in the Health Center and McKinley Hospital — resignation effective September 1, 1963.
WEICHSEL, PAUL M., Assistant Professor of Mathematics, Summer Session of 1963 — declination effective June 17, 1963.
VESTLING, CARL S., Professor of Biochemistry — resignation effective September 1, 1963.
WILSON, ROBERT G., Registered Pharmacist in Hospital Pharmacy, Research and Educational Hospitals (Pharmacy) — resignation effective June 15, 1963.
ZARGHAMEE, MEHDI S., Fellow in Civil Engineering — resignation effective June 16, 1963.

LEAVES OF ABSENCE
CRIEGEE, LUTZ, Research Assistant Professor of Physics — leave of absence, without pay, for one month from July 1, 1963, so that he may travel to Europe.
HALL, CLEO, Assistant Professor of Cooperative Extension and Assistant State Leader of Home Advisers — leave of absence, without pay, for one year from July 1, 1963, so that she may complete a dissertation and other work toward a Ph.D. degree in Adult Education at the University of Chicago.
KARLOWICH, ROBERT A., Bibliographer in the Library, with rank of Assistant Professor — leave of absence on three-fourths time, without pay, extended from May 1 through June 11, 1963.
KHAUCHATURIAN, NARBAY, Professor of Civil Engineering, in the College of Engineering — leave of absence, without pay, for twelve months from September 1, 1963, for the purpose of study and research at the University of California, at Los Angeles, on a National Science Foundation Senior Postdoctoral Fellowship.
LATHROPE, DONALD E., Associate Professor of Social Work — leave of absence, without pay, for one year from September 1, 1963, so that he may accept a temporary professional assignment in New York City with a project sponsored by the President's Committee on Youth Crime and Delinquency.
LEVINE, SOLOMON, Professor of Labor and Industrial Relations — leave of absence, without pay, from September 1, 1962, through July 11, 1963 (supersedes previous leave).
LEWIS, WALTER H., Associate Professor of Architecture — leave of absence, without pay, for one year from September 1, 1963, for the purpose of accepting a temporary, professional assignment outside the University, working for the United States Savings and Loan League.
LICHTENBERGER, W. WAYNE, Assistant Professor of Electrical Engineering and Research Assistant Professor in the Coordinated Science Laboratory — leave of absence, without pay, for one year from September 1, 1963, so that he may serve as a Visiting Professor in the Department of Electrical Engineering at the University of California, at Berkeley.
LOFTUS, BEVERLY G., Assistant Editor in the Graduate College — leave of absence, without pay, from July 5 and continuing through July 26, 1963.
NIMS, JOHN F., Professor of English — leave of absence, without pay, from March 1 through August 31, 1964, so that he may accept a position as a Visiting Professor at Harvard University during that period.
Powell, James M., Assistant Professor of History in the Division of General Studies — leave of absence, without pay, for one year from September 1, 1963, so that he may serve as Visiting Lecturer in Medieval History at the University of Wisconsin, at Milwaukee.
PUNIT, HERMAN G., Instructor in Architecture—leave of absence, without pay, for the second semester of the academic year 1963-64, for the purpose of doing graduate study at Harvard University.

REESE, MARY C., Associate Professor of Social Work—leave of absence, without pay, for one year from September 1, 1963, for the purpose of study at Smith College School for Social Work.

SCHMITT, HOMER C., Professor of Music and Artist in Residence—leave of absence on account of illness, with full pay, from April 19 through August 31, 1963.

SMITH, ROBERT J., Professor of Architecture—disability leave of absence, with full pay, extended to March 14, 1963.

EXECUTIVE SESSION

President Clement announced that an executive session has been requested and was being ordered for consideration of reports and recommendations relating to patentable inventions and property acquisitions; and that this session would be held after luncheon recess.

On motion of Mrs. Watkins, the Board recessed.

During the recess, a number of prominent citizens of Peoria were guests of the Board at luncheon and were introduced.

When the Board reconvened in executive session, the same members of the Board and officers of the University were present as reported at the beginning of these minutes.

The Board took up consideration of the following items of business.

RECOMMENDATION OF THE UNIVERSITY PATENT COMMITTEE

(1) 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.

Over the past five years, ten patentable inventions have been developed in the Antenna Laboratory of the Department of Electrical Engineering. The inventors are Robert L. Carrel, former Research Assistant and Research Associate in Electrical Engineering (1955-60); R. H. DuHamel, former Research Assistant in Electrical Engineering (1947-50, 1952-56); D. E. Isbell, former Antenna Technician in Electrical Engineering (1957-59); John D. Dyson, Associate Professor of Electrical Engineering; and Paul E. Mayes, Associate Professor of Electrical Engineering. The rights of the University in these inventions have been transferred to the University of Illinois Foundation. The Foundation has applied for and obtained patents on certain of the inventions and has negotiated with the JFD Electronics Corporation, Brooklyn, New York, for the marketing of an antenna, which to some degree is based upon or includes certain novel features stated in all the inventions involved. It appears that income on licenses will be received from the JFD Electronics Corporation.

Based on information from the Department of Electrical Engineering concerning the degree of contribution of the inventors to the final product, the Patent Committee recommends that:

All income received on these antenna patents be pooled; and patent and development expenses incurred by the Foundation, past and future, be reimbursed or paid from such pooled sum.

After allowing for all expenses, 20 per cent of the amount thus received be allocated for payment to the inventors and 80 per cent be retained by the University of Illinois Foundation for its chartered purposes.

For the present, the sum allocated to the inventors be distributed: Robert L. Carrel, one-ninth; R. H. DuHamel, one-ninth; John D. Dyson, two-ninths; D. E. Isbell, two-ninths; and Paul E. Mayes, three-ninths.

It should be recognized, when approving the distributions to the inventors, that in all likelihood there will be additional inventions in the future further contributing to the improvement of the antenna being developed and marketed and that, accordingly, changes in or additions to the percentage distribution to the inventors may be necessary.

The Patent Committee therefore recommends approval by the Board of
Trustees of the stated percentage of allocation between the inventors and the University of Illinois Foundation and the percentage distribution of the sum allocated to the inventors, with the right of future revision as may be required to maintain the equities of the inventors involved.

I concur in this recommendation.

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

PURCHASE OF PROPERTIES

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase, at the prices indicated, of the following properties needed to complete acquisition of a site for a graduate students residence hall:

<table>
<thead>
<tr>
<th>Property Address</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>409 East Daniel Street, Champaign</td>
<td>$38,000</td>
</tr>
<tr>
<td>A three-story and basement frame rooming house on a lot 57 feet by 173.25 feet. The owner will give immediate possession to the land required for construction south of the existing improvement and will give possession of the remaining part not later than July 1, 1965.</td>
<td></td>
</tr>
<tr>
<td>402 East Chalmers Street, Champaign</td>
<td>$35,000</td>
</tr>
<tr>
<td>A three-story and basement frame house on a corner lot 51.5 feet on Chalmers Street, by 116.24 feet. Possession will be delivered to the University no sooner than February 1, 1964, nor later than September 1, 1964, dependent on the scheduled start of construction of the residence hall.</td>
<td></td>
</tr>
</tbody>
</table>

Funds are available in the state capital appropriations to the University from the 1961-63 Bond Issue and have been released.

The prices are consistent with the recommendations for the acquisition of these properties which have previously been submitted to and concurred in by the Committee on Buildings and Grounds.

The Board of Trustees, on February 20, 1963, authorized condemnation proceedings for acquisition of the property at 402 East Chalmers Street, Champaign, because the asking price was in excess of University appraisals. Through subsequent negotiations, the price indicated has been agreed upon, and it is within the limit authorized by the Committee on Buildings and Grounds. This price also appears to be the lowest at which the property can be acquired without condemnation proceedings.

I recommend authorization of these purchases; and further recommend that the Board rescind its resolution of February 20, 1963, with respect to condemnation proceedings for acquisition of the property at 402 East Chalmers Street, Champaign.

On motion of Mr. Pogue, the purchases of these properties, at the prices recommended, were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

ACQUISITION OF PROPERTY AT 1304 WEST STOUGHTON STREET, URBANA, ILLINOIS

(3) University representatives have been negotiating for the purchase of the property at 1304 West Stoughton Street, Urbana, a lot 40 feet by 132 feet (5,280 square feet) with a two and one-half story and basement frame building now used for apartments and for student rooms. The land is needed as part of the site for College of Engineering buildings, and specifically for the new Civil Engineering Building.

The owners were advised that a recommendation would be made to the Board of Trustees for the purchase of the property at a price of $23,140, based on University appraisals, but the offer is not acceptable and the asking price remains substantially in excess of the highest University appraisal.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize condemnation proceedings for the acquisition of the property.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur and recommend adoption of the following resolution:
Resolution Authorizing Condemnation of Property

at 1304 West Stoughton Street, Urbana, Illinois

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, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The East Twenty-two (22) Feet of Lot Nine (9) in Block Fifty-one (51) of the Seminary Addition to Urbana, and the West Eighteen (18) Feet of Lot Ten (10) in Block Fifty-one (51) in the Seminary Addition to Urbana, situated in the City of Urbana, in the County of Champaign, in the State of Illinois:

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois, for expansion of the facilities of the College of Engineering, as a site for a Civil Engineering Building addition, 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 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 owner has 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 continues 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 cannot 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 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 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 the 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. Pogue, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston,
MR. POUGE, MR. SWAIN, MRS. WATKINS, MR. WILLIAMSON; NO, NONE; ABSENT, MR. HUGHES, MR. KERNER, MR. PAGE.

ACQUISITION OF PROPERTY AT 1103 WEST SPRINGFIELD AVENUE, URBANA, ILLINOIS

(4) University representatives have been negotiating for the purchase of the property at 1103 West Springfield Avenue, Urbana, a lot 49.5 feet by 132 feet (6,534 square feet) with a two-story and basement stucco house used as a residence by the owner and student rooms. The land is needed as part of the site for construction of the next unit of the Coordinated Sciences Laboratory.

The owners were advised that a recommendation would be made to the Board of Trustees for the purchase of the property at a price of $28,800, based on University appraisals, but the offer is not acceptable and the asking price remains substantially in excess of the highest University appraisal.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize condemnation proceedings for the acquisition of the property.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur and recommend adoption of the following resolution:

Resolution Authorizing Condemnation of Property at 1103 West Springfield Avenue, Urbana, Illinois

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, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The East One-half (1/2) of Lot Five (5) and the West One-quarter (1/4) of Lot Six (6) in Block Five (5) in the Urbana Railroad Company's Addition to the City of Urbana, situated in the City of Urbana, 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 use as part of the site for construction of the next unit of the Coordinated Science Laboratory, 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 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 owner has 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 continues 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 cannot 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 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 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. Pogue, the foregoing resolution was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

ACQUISITION OF PROPERTY AT 1103½ WEST SPRINGFIELD AVENUE, URBANA, ILLINOIS

(5) University representatives have been negotiating for the purchase of the property at 1103½ West Springfield Avenue, Urbana, a lot 30 feet by 132 feet (3,960 square feet) improved with a two-story and basement frame dwelling. The land is needed as part of the site for construction of the next unit of the Coordinated Sciences Laboratory.

The owners were advised that a recommendation would be made to the Board of Trustees for the purchase of the property at a price of $17,500, based, on University appraisals, but the offer is not acceptable and the asking price remains substantially in excess of the highest University appraisal.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize condemnation proceedings for the acquisition of the property.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur and recommend adoption of the following resolution:

Resolution Authorizing Condemnation of Property at 1103½ West Springfield Avenue, Urbana, Illinois

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, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

The East Thirty (30) Feet of the West One-half (½) of Lot Five (5) in Block Five (5) in the Urbana Railroad Company's Addition to the City of Urbana, situated in the City of Urbana, 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 use as part of the site for construction of the next unit of the Coordinated Science Laboratory, 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 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 owner has 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 continues 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 cannot 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 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 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. Pogue, the foregoing resolution was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none, absent, Mr. Hughes, Mr. Kerner, Mr. Page.

ACQUISITION OF PROPERTY AT 1206 WEST OREGON STREET.
URBANA, ILLINOIS

(6) University representatives have been negotiating for the purchase of the property at 1206 West Oregon Street, Urbana, a lot 57 feet by 157 feet (8,949 square feet) with a three-story and basement frame dwelling now used as an apartment and student rooms. The land is needed as part of the site for the new East Chemistry Building Addition.

The owners were advised that a recommendation would be made to the Board of Trustees for the purchase of the property at a price of $36,000, based on University appraisals, but the offer is not acceptable and the asking price of $40,000 is in excess of the highest University appraisal.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize condemnation proceedings for the acquisition of the property.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur and recommend adoption of the following resolution:
Resolution Authorizing Condemnation of Property
at 1206 West Oregon Street, Urbana, Illinois

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, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

All of Lot Eight (8) except the West Fifty (50) Feet of said Lot Eight (8) and all of Lot Nine (9) except the East Thirty-eight (38) Feet of said Lot Nine (9) in Block Two (2) of Nina B. Bronson's Subdivision of the East One-half (½) of the Southwest Quarter (¼) of the Northeast Quarter (¼) of Section Eighteen (18), Township 19 North, Range 9 East, of the 3rd Principal Meridian, situated in the City of Urbana, 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 use as part of the site for the new East Chemistry Building Addition, 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 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 owner has 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 continues 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 cannot 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 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 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. Pogue, the foregoing resolution was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

ACQUISITION OF PROPERTY AT 1303 WEST STOUGHTON STREET, URBANA, ILLINOIS

(7) University representatives have been negotiating for the purchase of the property at 1303 West Stoughton Street, Urbana, a lot 66 feet by 100 feet (6,600 square feet) improved with a one-story, two-apartment-unit frame dwelling. The land is needed as part of the site for the proposed Mathematics Building.

The owners were advised that a recommendation would be made to the Board of Trustees for the purchase of the property at a price of $16,000, based on University appraisals, but the offer is not acceptable and the asking price remains substantially in excess of the highest University appraisal.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize condemnation proceedings for the acquisition of the property.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund and have been released.

I concur and recommend adoption of the following resolution:

Resolution Authorizing Condemnation of Property
at 1303 West Stoughton Street, Urbana, Illinois

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, a body corporate and politic and a public corporation of the State of Illinois, that the following-described real estate situated in the County of Champaign, in the State of Illinois:

Lot Two (2) in Block Fifty-four (54) of the Seminary Addition to the City of Urbana, situated in the City of Urbana, 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 use as part of the site for the proposed Mathematics Building, 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 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 owner has 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 continues 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 cannot 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 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 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. Pogue, the foregoing resolution was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

PURCHASE OF PROPERTY AT 307 EAST DANIEL STREET, CHAMPAIGN, ILLINOIS, AND APPROPRIATION FOR REMODELING

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 307 East Daniel Street, Champaign, at a price of $38,000, for the replacement of a women's cooperative house located at 1210 West Springfield Avenue, Urbana, Illinois, which is needed for office space. The property consists of a lot 64 feet wide by 146 feet deep and is improved with a two and one-half story and basement frame dwelling used as an apartment and student rooming house.

Funds are available in the state capital appropriations to the University from the Universities Building Fund and have been released.

The price is within $200 of the appraised value of the house but represents a decrease of approximately $4,000 in the price previously asked by the owner.

It is further recommended that $12,000 be assigned from general indirect costs for the remodeling of 307 East Daniel Street, Champaign, Illinois.

I concur.

On motion of Mr. Pogue, the purchase of this property, at the price recommended, and the requested assignment of funds were authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Hughes, Mr. Kerner, Mr. Page.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President