

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 16, 1964



The September meeting of the Board of Trustees of the University of Illinois was held in the Illini Union South, Urbana, Illinois, on Wednesday, September 16, 1964, beginning at 10:30 a.m.

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

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Vice-President Norman A. Parker, Chicago Undergraduate Division; Vice-President Joseph S. Begando, University of Illinois at the Medical Center; 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. Earl W. Porter, Assistant to the President; Mr. Shannon McCune, Staff Associate in the President's Office; Mr. Vernon L. Kretschmer, Associate Director of the Physical Plant and Director of Auxiliary Services; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees on March 18 and April 15, 1964, press proof copies of which have previously been sent to the Board.

On motion of Mrs. Watkins, these minutes were approved as printed on pages 1095 to 1176, inclusive.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report of its actions at a duly called meeting held on August 13, 1964.

MEETING OF THE EXECUTIVE COMMITTEE

On call of the Chairman, a meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the Illini Center, LaSalle Hotel, Chicago, Illinois, on Thursday, August 13, 1964, beginning at 11:00 a.m.

The following, constituting all members of the Committee, were present: Mr. Howard W. Clement, Chairman, Mr. Wayne A. Johnston, Mrs. Frances B. Watkins. Also present were Executive Vice-President and Provost Lyle H. Lanier; Director C. S. Havens of the Physical Plant; Mr. James J. Costello, Legal Counsel; Mr. V. L. Kretschmer, Director of Auxiliary Services; Mr. Robert W. Evans, Associate Director of Public Information; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

The Committee considered the following reports and recommendations submitted by the Executive Vice-President and Provost of the University on behalf of the President, and took the actions indicated.

ASSOCIATE DEAN OF ADMINISTRATION OF COLLEGE OF EDUCATION

(1) On recommendation of the Dean of the College of Education, and with the concurrence of the Acting Dean of the Graduate College and the Executive Vice-President and Provost, I have approved the appointment of Dr. David M. Jackson, presently Principal of University High School, as Associate Dean of the College of Education for one year from September 1, 1964, and Professor of Educational Administration and Supervision on indefinite tenure, at a salary of \$17,000 on a twelve-month service basis.

As Associate Dean, Professor Jackson will succeed to the position now held by Professor Rupert N. Evans who has been appointed Dean of the College of Education effective September 1, 1964.

Confirmation of this action is requested.

On motion of Mr. Johnston, this appointment was confirmed.

HEADSHIP OF THE DEPARTMENT OF MARKETING

(2) The Dean of the College of Commerce and Business Administration recommends the appointment of Dr. Daniel M. Slate, presently Associate Professor in the Bureau of Economic and Business Research and in the Graduate School of Business Administration, as Associate Professor of Marketing and of Business Administration on indefinite tenure and Head of the Department of Marketing for two years beginning September 1, 1964, at an annual salary of \$13,000 on an academic year service basis.

This appointment is recommended after consultation with all members of the Department of professorial rank. The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

The appointment is to fill a vacancy in the headship of the Department. In 1963, Professor H. M. Huegy, who served as Head of the Department for several years, asked to be relieved of his administrative duties so that he could

devote full time to teaching and research. Professor Frank H. Beach has served as Acting Head of the Department during the academic year 1963-64.

I concur.

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

APPOINTMENTS TO THE FACULTY

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

1. KENNETH M. ABBOTT, Visiting Professor of the Classics, for the second semester of 1964-65, at a salary of \$8,000.
2. JAMES H. ANDERSEN, Assistant Professor of Health Science and Medical Adviser to Men, Health Service, Chicago Undergraduate Division, beginning September 1, 1964, at an annual salary of \$7,400.
3. WILLIAM J. BARON, Assistant Professor of Art, beginning September 1, 1964, at an annual salary of \$9,000.
4. CHARLES E. BOND, Assistant Professor of Aeronautical and Astronautical Engineering, beginning September 1, 1964, at an annual salary of \$10,500.
5. RUTH M. BONTHRON, Assistant Professor of Nursing, beginning September 1, 1964, at an annual salary of \$7,000.
6. RALPH E. BOYER, Visiting Professor of Law, for the academic year 1964-65, at a salary of \$19,000.
7. MORTIMER BROWN, Visiting Lecturer with rank of Assistant Professor, in the Department of Psychology, on one-third time, beginning September 1, 1964, at an annual salary of \$3,000.
8. ROBERT T. CHIEN, Visiting Associate Professor of Electrical Engineering, beginning September 1, 1964, at an annual salary of \$11,500.
9. C. BENJAMIN COX, Assistant Professor of Secondary and Continuing Education, beginning September 1, 1964, at an annual salary of \$9,300.
10. H. SUMMERFIELD DAY, Supervising Architect, Physical Plant Department, Chicago Circle Campus, for four months from May 1, 1964, at a salary of \$5,333; from September 1, 1964, at an annual salary of \$16,000.
11. CHRISTOPHER M. DEAN, Assistant Professor of Architecture, for the first semester of 1964-65, at a salary of \$3,800.
12. FRANKLIN L. DUFF, Assistant Director with rank of Assistant Professor, in the Bureau of Institutional Research, beginning September 1, 1964, at an annual salary of \$13,500.
13. JOHN E. ERICKSON, Assistant Professor of Secondary and Continuing Education, beginning September 1, 1964, at an annual salary of \$8,000.
14. ARNOLD W. FLATH, Assistant Professor of Physical Education for Men, beginning September 1, 1964, at an annual salary of \$10,000.
15. KENNETH I. FORSTER, Research Assistant Professor of Psychology and in the Institute of Communications Research, for five months from September 1, 1964, at a salary of \$4,444.
16. CECILIO E. GRACIAS, Assistant Professor of Chemistry, College of Pharmacy, beginning September 1, 1964, at an annual salary of \$8,400.
17. REGINALD H. GRICE, Assistant Professor of Geology, beginning September 1, 1964, at an annual salary of \$7,500.
18. ALBERT Z. GUTTENBERG, Associate Professor in the Bureau of Community Planning and in the Department of Urban Planning and Landscape Architecture, for two years from September 1, 1964, at an annual salary of \$13,000.
19. ARNOLD G. HENDERSON, Assistant Professor of Architecture, beginning September 1, 1964, at an annual salary of \$8,000.
20. JEROME L. KAUFMAN, Visiting Associate Professor of Urban Planning and Landscape Architecture, for five months from September 1, 1964, at a salary of \$6,000.
21. GREGORY M. KELLY, Visiting Associate Professor of Mathematics, for the academic year 1964-65, at a salary of \$11,000.
22. ARDEN H. KILLINGER, Visiting Associate Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, beginning August 1, 1964, at an annual salary of \$15,000.

23. SVEN G. LINNÉR, Visiting Associate Professor of Comparative Literature, for one year from September 1, 1964, at a salary of \$14,000.
24. WILLIAM MELTZER, Clinical Assistant Professor of Orthopaedic Surgery, College of Medicine, and Orthopaedist in the Division of Services for Crippled Children, beginning July 1, 1964, on one-half time, at an annual salary of \$8,500.
25. WILLIS F. NICKELSON, Visiting Associate Professor of Animal Science, from July 15, 1964, through August 31, 1964, at a salary of \$1,450; from September 1, 1964, through June 30, 1965, at a salary of \$10,083.
26. WILLARD W. PAYNE, Assistant Professor of Botany, beginning September 1, 1964, at an annual salary of \$8,700.
27. RALPH REISNER, Assistant Professor of Law, beginning September 1, 1964, at an annual salary of \$12,000.
28. AUBREY RUESS, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, beginning April 1, 1964, without salary (additional appointment).
29. BERNARD P. SALAFSKY, Assistant Professor of Pharmacology, College of Medicine, beginning September 1, 1964, at an annual salary of \$11,600.
30. PHILIP A. SANDBERG, Assistant Professor of Geology, beginning February 1, 1965, at an annual salary of \$8,100.
31. ROBERT L. SANI, Assistant Professor of Chemical Engineering, beginning September 1, 1964, at an annual salary of \$8,200.
32. HERMAN P. SCHUCHMAN, Assistant Professor of Health Science and Psychiatric Social Worker, Health Service, Chicago Undergraduate Division, beginning September 1, 1964, at an annual salary of \$9,800.
33. PETER B. SHORESMA, Assistant Professor of Secondary and Continuing Education, beginning September 1, 1964, at an annual salary of \$9,200.
34. JOSEPH H. SMITH, Assistant to the Dean of Admissions and Records and Assistant Professor of English, beginning September 1, 1964, at an annual salary of \$12,000.
35. GARY S. SNOW, Assistant Professor of Ceramic Engineering, beginning October 1, 1964, at an annual salary of \$9,000.
36. W. FORREST STINESPRING, Assistant Professor of Mathematics, beginning September 1, 1964, at an annual salary of \$11,000.
37. FRANCIS J. TENCZAR, Assistant Professor of Pathology, College of Medicine, beginning July 1, 1964, at an annual salary of \$18,000.
38. LUDWIG TEWORDT, Visiting Research Assistant Professor of Physics, for two months from September 4, 1964, at a salary of \$2,000.
39. ARNOLD M. TIBBETTS, Assistant Professor of English, beginning September 1, 1964, at an annual salary of \$8,000.
40. HSIN YUAN TIEN, Visiting Associate Professor of Sociology, for one year from September 1, 1964, at a salary of \$11,700.
41. NILS VÄSTHAGEN, Visiting Professor of Accountancy, for four and one-half months from September 16, 1964, at a salary of \$6,000.
42. PHILIP A. VLASTARIS, Staff Physician and Assistant Professor of Health Science, Health Service, beginning August 1, 1964, at an annual salary of \$17,000.
43. YOSHIO WATANABE, Visiting Professor of Oral Pathology, College of Dentistry, on 65/100 time, for one year from July 15, 1964, at a salary of \$8,500.
44. JACK C. WILLERS, Visiting Assistant Professor of Philosophy of Education, for one year from September 1, 1964, at a salary of \$8,500.
45. SHAO-TSENG YANG, Visiting Professor of History, for the academic year 1964-65, at a salary of \$10,000.

Appointments of Noncitizens to Indefinite Tenure Positions

The following recommendations for appointments on indefinite tenure of non-citizens were reviewed by a committee consisting of the Executive Vice-President and Provost, the Acting Dean of the Graduate College, and the dean of the college concerned in accordance with the policy and procedure authorized by the Board of Trustees for consideration of such appointments. The Committee has concurred in the recommendations.

1. SABURO MUROGA, Research Professor of Electrical Engineering, Digital Com-

puter Laboratory, Graduate College, beginning September 1, 1964, at an annual salary of \$17,000.

2. ARTHUR ERNEST WILDER SMITH, Professor of Pharmacology, Department of Pharmacognosy and Pharmacology, College of Pharmacy, beginning September 1, 1964, at an annual salary of \$16,000.

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

CONSTRUCTION OF VETERINARY MEDICINE ISOLATION BUILDING

(4) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$19,565 to Hazen and Franks Builder's Supply, Inc., Tolono, the lowest bidder, for construction of a four-unit isolation building on the Veterinary Research Farm.

Funds are available from research contracts.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

CONTRACTS FOR REMODELING SOUTHEAST WING DAVENPORT HALL

(5) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for reconstructing the interior of the southeast wing of Davenport Hall to provide three floors of usable space in place of the existing two floors, the award in each case being to the lowest bidder.

General—Grohne Co., Inc., Decatur.....	\$131 314
Base bid	\$129 814
Additive alternate for assignment of other contracts to general contractor	1 500
Electrical—G. L. Wilsky, doing business as Downtown Electric, Ur- bana.....	28 725
Plumbing—W. C. Thomas and Willis H. Thomas, a partnership doing business as Thomas Plumbing & Heating Co., Urbana.....	8 108
Heating and Air Conditioning—Borg, Inc., Chicago.....	53 900
Base bid	\$ 25 300
Additive alternates:	
Installation of room thermostats and omission of zone control system for temperature.....	3 000
Installation of six-inch ductile iron pipe to under- ground chilled water lines with "Gilso-Gard" insulation	25 600
Ventilating and Sheet Metal Work—Amcoa Sheet Metal Contractors, Inc., Peoria	25 335
Total.....	\$247 382

It is further recommended that all contracts other than the general contract be assigned to the contractor for general work, making the total of his contract \$247,382, and that an agreement be entered into with Grohne Co., Inc., Decatur, for the assignment of these other contracts for \$1,500, which amount is included in the contract price, being the amount bid 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 1963-65 and have been released.

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

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

CONTRACTS FOR HULL HOUSE REHABILITATION

(6) The Director of the Physical Plant and the Vice-President and Comptroller

recommend award of contracts for the exterior rehabilitation of Hull House and the dining hall; construction of a new covered walkway between the buildings and a new veranda around the Mansion; and installation of the minimum plumbing, heating, and electrical wiring required for safety and preservation of the interior of the buildings. The award in each case is to the lowest bidder.

Both buildings will be brick veneered, appropriate in color and character to the original Hull House. The Mansion will have new windows and exterior doors and the existing third floor roof will be removed and replaced with a new hipped roof with cupola.

General (Division I) — Heller Construction Co., Chicago.....	\$144 992 00
Base bid	\$139 492 00
Additive alternates:	
Installation of metal roof on the Mansion.....	4 000 00
Service charge for assignment of other contracts to the general contractor.....	1 500 00
Plumbing (Division II) — Frank S. Bellis, Berwyn.....	11 900 00
Heating and Piping (Division III) — United Piping Contractors, Inc., LaGrange Park.....	6 997 00
Electric Wiring (Division V) — Divane Brothers Electric Co., Chicago.....	6 800 00
Total.....	\$170 689 00

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 \$170,689; and it is further recommended that an agreement be entered into with Heller Construction Co., Chicago, for the assignment of these other contracts for \$1,500, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other assignments to the general contractor.

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

Funds are available in the Jane Addams Memorial Fund of the University of Illinois Foundation.

I concur.

On motion of Mr. Johnston, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

CONTRACT FOR LANDSCAPING MEDICAL SCIENCES ADDITION

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$5,902 to Clauss Brothers, Inc., Chicago, the lowest bidder, for landscaping the Medical Sciences Addition area at the Medical Center campus.

The work will include furnishing and installing top soil, sod, trees, shrubs, vines, ground cover, and asphalt paving for playground.

Funds are available in the state capital appropriations from the Universities Building Fund.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

CONTRACT FOR LABORATORY EQUIPMENT, RESEARCH AND EDUCATIONAL HOSPITALS ADDITION

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$2,656 to Laboratory Furniture Co., Inc., Chicago, the lowest bidder, for furnishing and installing laboratory furniture in the Department of Occupational Therapy, in conjunction with other remodeling to be done by the University's Physical Plant Department. The work is necessary in order to provide new treatment rooms for Occupational Therapy due to reassignment of space.

Funds are available in a nonrecurring appropriation approved by the Board of Trustees in April, 1964.

I concur.

On motion of Mrs. Watkins, this contract was awarded by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

AGREEMENT WITH NORTHERN ILLINOIS WATER CORPORATION FOR EXTENSION OF WATER SERVICE ON SOUTH FARMS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of an agreement with the Northern Illinois Water Corporation for extension of water service from its eight-inch main on the east side of First Street and the "A.T.&T." Road, east a distance of approximately 2,620 feet, on a cost basis but not to exceed \$8,679.00, to the Dynamics Testing Laboratory site.

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I concur.

On motion of Mr. Johnston, this agreement was authorized by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

ADDITION TO CONTRACT FOR CONSTRUCTION OF VETERINARY MEDICINE RESEARCH ANNEX ADDITION

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,472.18 in the contract with Pathman Construction Company, Chicago, for construction of the Veterinary Medicine Research Annex Addition to provide for revisions in the monorail hoisting system in the autopsy room.

Funds are available in the construction budget.

I concur.

On motion of Mrs. Watkins, this contract change was authorized.

CONTRACT FOR INTERIOR DECORATING SERVICES

(11) The University has a contract, authorized by the Board of Trustees, with Mrs. Florence K. Korff for professional interior decorating services, which expired August 12, 1964.

The Director of Auxiliary Services, the Director of the Physical Plant, and the Vice-President and Comptroller recommend renewal of the contract until June 30, 1965, at the same annual rate and under the same conditions.

I concur and recommend that the Comptroller be authorized to renew the contract for successive biennial periods, all such renewals to be reported to the Board of Trustees.

On motion of Mrs. Watkins, authorization was given as requested.

PURCHASES

(12) The Executive Vice-President and Provost submitted a report of purchases recommended by the President, with the concurrence of the Director of Purchases and the Vice-President and Comptroller.

The report of purchases recommended for Board approval was presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds.....	\$181 402 47
From Institutional Funds.....	427 447 31
<i>Grand Total</i>	<i>\$608 849 78</i>

A complete list of the purchases recommended, with supporting information including the quotations received, was sent to each member of the Board in advance of the meeting and a copy is being filed with the Secretary of the Board for record.

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

COMPTROLLER'S REPORT OF CONTRACTS

(13) The Comptroller's report of contracts executed during the period July 1 to 31, 1964.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Gypsum Association	Determine the deflection and modulus of rupture of gypsum concrete on fifteen test panels	\$ 2 835 00	July 1, 1964
Morris Animal Foundation	Serologic test for diagnosis of canine babesiosis-infections with <i>babesia canis</i>	6 950 00	June 1, 1964
State of Illinois Department of Mental Health Project 17-192	Conflict and identification in families of female schizophrenics	9 207 00	May 1, 1964
United States Army DA-ARO-D-31-124-G567	Study of high-energy plasmas by means of gaseous lasers	21 684 00	July 1, 1964
United States Department of Agriculture 12-14-100-7706 (34)	Effect of herbicides on soybeans, corn, wheat herbicide rotations, typical of the Corn Belt area, and the resulting effect on the ecological changes in weed populations, and on the fate of soil-applied herbicides	60 000 00	June 23, 1964
United States Department of Health, Education, and Welfare OE-4-10-237	Survey on the professional contribution of women with doctorates	7 853 00	June 1, 1964
United States Department of Health, Education, and Welfare OE-4-10-267	Identify and evaluate desirable practices in the organization, administration, and supervision of high school departments of English	14 032 00	June 1, 1964
United States Department of Health, Education, and Welfare OE-4-10-269	Investigate success of linguistic role-playing in the attainment of fluency in foreign language	5 827 00	June 1, 1964
United States Department of Health, Education, and Welfare OE-4-10-270	Construct an index of textbook prices	7 324 00	June 1, 1964
United States Department of Health, Education, and Welfare 7-23-1020-248	Comparison of programmed and non-programmed televised instruction in college economics	9 965 00	June 26, 1964
United States Department of Health, Education, and Welfare 32-23-1020-1029	Programmed discrimination training for lip-readers	24 060 00	June 1, 1964
United States Navy N228-65814	Admission and instruction of the student officers	3 000 00	July 7, 1964
United States Navy Nonr-3985 (08)	Computer-aided teaching systems	180 000 00	June 1, 1964
United States Office of Civil Defense OCD-PS-64-144	Conduct civil defense training and conferences through extension services	59 775 00	June 29, 1964
<i>Total</i>		<u>\$412 512 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Dixon National Bank (renewal)	Rental of room 20, 101 First Street, Dixon, from July 1, 1964, through June 30, 1965 (Extension Division)	\$ 480 00 (\$40 per month)	July 1, 1964
International Business Machines Corporation	Rental of additional equipment for 1050 system	8 045 00	June 15, 1964
Riley J. McCulley (renewal)	Rental of property at 107 West California, Urbana, from September 1, 1964, to June 30, 1965 (Housing Division)	15 000 00 (two equal payments)	July 23, 1964

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
B. A. Strauch (renewal)	Rental of premises at 707-709 South Wright Street, Champaign, from July 1, 1964, to June 30, 1965 (Commerce and Business Administration)	\$ 2 400 00 (\$200 per month)	July 1, 1964
<i>Total</i>		\$25 925 00	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Agency for International Development AID/fe-2-AI (Thailand)	Render technical advice and guidance to government of Thailand for the purpose of developing and strengthening the faculty of medicine, Chiangmai Hospital	\$719 356 00	June 22, 1964
American Cyanamid Company	Systemic insecticides for control of insects on wheat	1 000 00	May 22, 1964
National Aeronautics and Space Administration N ₆ G-443	Experimental test of general relativity	90 000 00	July 1, 1964
National Lime Association	Fundamental properties of calcium, extend use of lime minerals into new fields, improve methods for the manufacture of better lime products and continue research in lime stabilization of soils	24 168 00	July 7, 1964
National Sand and Gravel Association	Site development problems relating to locating, operating, and rehabilitating sand and gravel pit operations including planning restoration methods and determination of appropriate rinse potentials	9 000 00	June 16, 1964
State of Illinois Department of Conservation	Wildlife research studies	102 309 00	June 5, 1964
United States Air Force AF 29 (601)-6319	Indices relating the physical properties and the engineering behavior of rock	1 903 00	June 10, 1964
United States Air Force AF 30 (602)-3046	Submillimeter wave receiver techniques	3 000 00	July 2, 1964
United States Army DA-31-124-ARO(D)-108	Exploratory basic research in physical sciences	17 515 00	June 30, 1964
United States Army DA-31-124-ARO(D)-108	Exploratory basic research in physical sciences	17 515 00	June 30, 1964
United States Army DA-49-193-MD-2047	Anti-radiation drugs	28 040 00	June 18, 1964
United States Atomic Energy Commission AT (11-1)-415	Research on electronic high-speed digital computers	12 825 00	June 23, 1964
United States Atomic Energy Commission AT (11-1)-758	Basic research relating to atomic energy	21 000 00	June 23, 1964
United States Atomic Energy Commission AT (11-1)-1282	Radioisotopic studies of reticuloendothelial phagocytosis in relation to normal and neoplastic growth and to immune phenomena	11 999 00	June 30, 1964
United States Department of Commerce Cc-5994	Feasibility of a plastic covered greenhouse vegetable industry in Southern Illinois	6 000 00	June 23, 1964
United States Department of Health, Education, and Welfare OE-3-10-075	English programs in selected high schools which do and do not educate outstanding students in English	18 419 00	June 30, 1964
United States Navy Nobs-86688	Survey of existing knowledge of brittle fracture phenomena	21 000 00	June 26, 1964
United States Navy Nonr-1834(02)	Development of radio wave direction-finding techniques	340 000 00	June 30, 1964
United States Navy Nonr-1834(05)	Nuclear disintegration schemes and nuclear interactions of cosmic rays	654 000 00	June 18, 1964
United States Steel Corporation	Behavior of deformed wire fabric in concrete	7 000 00	March 17, 1964
<i>Total</i>		\$2 106 049 00	

Adjustments Made in 1963-64 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
George S. Grimmer and Company (Plastering)	Sixteen items: \$186.99 deduct to \$284.54	\$ 278 00	June, 1964

Adjustments Made in 1964-65 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
George S. Grimmer and Company (Plastering)	Eighteen items: \$25.00 to \$650.00	\$2 335 00	July, 1964

Summary

Amount to be paid to the University.....	\$2 518 561 00
Amount to be paid by the University.....	\$ 28 538 00

This report was received for record.

ANTITRUST LITIGATION

(14) The University has purchased substantial amounts of metal library shelving manufactured or distributed by firms convicted in antitrust proceedings instituted by the United States government. Under the applicable antitrust laws, the University may be entitled to recover damages on account of such purchases. The Vice-President and Comptroller and the Legal Counsel recommend that they be authorized to take necessary and appropriate action on behalf of the University to preserve and enforce any rights of the University which may have arisen from violations of federal antitrust laws by certain library shelving manufacturers or distributors, including authority to institute and prosecute, in the name and on behalf of the Board of Trustees of the University of Illinois, such proceedings in a court of competent jurisdiction, and to employ such special legal counsel and others, as may be deemed necessary or desirable.

I concur.

On motion of Mr. Johnston, this recommendation was approved and authority was given as requested.

RECESS AND EXECUTIVE SESSION

Mr. Clement stated that an executive session had been requested, and was being ordered, for consideration of recommendations relating to property acquisitions.

On motion of Mr. Johnston, the Committee recessed.

When the Committee reconvened, the same members, officers of the Board, and other University personnel were present as recorded at the beginning of these minutes.

The Committee considered the following recommendations presented by the Executive Vice-President and Provost and other University officers.

ACQUISITION OF PROPERTY AT 1101 WEST ILLINOIS STREET, URBANA

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 1101 West Illinois Street, Urbana, at a price of \$39,000, and lease the property to the University at a rental of \$1,032 a year, subject to adjustment in accordance with any change in the interest rate charged by the First National Bank of Chicago on the loan to the Foundation, until such time as funds become available for the purchase of the property by the University.

Possession will be delivered to the University on or before September 1, 1964.

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**ACQUISITION OF PROPERTY AT 908 WEST
ILLINOIS STREET, URBANA**

(2) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 908 West Illinois Street, Urbana, at a price of \$50,000, and lease the property to the University at a rental of \$1,320 a year, subject to adjustment in accordance with any change in the interest rate charged by the First National Bank of Chicago on the loan to the Foundation, until such time as funds become available for the purchase of the property by the University.

I concur.

On motion of Mr. Johnston, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

**ACQUISITION OF PROPERTY AT 704 SOUTH
GREGORY PLACE, URBANA**

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 704 South Gregory Place, Urbana, at a price of \$28,500, and lease the property to the University at a rental of \$756 a year, subject to adjustment in accordance with any change in the interest rate charged by the First National Bank of Chicago on the loan to the Foundation, until such time as funds become available for the purchase of the property by the University.

Possession will be delivered on or before September 1, 1964.

I concur.

On motion of Mrs. Watkins, this recommendation was approved by the following vote: Aye, Mr. Clement, Mr. Johnston, Mrs. Watkins; no, none; absent, none.

The business of the meeting having been concluded, on motion of Mrs. Watkins, the Committee adjourned.

Executive Committee

WAYNE A. JOHNSTON

FRANCES B. WATKINS

HOWARD W. CLEMENT

A. J. JANATA

Clerk

Chairman

**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:

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
EDWARD JAY BLONDELL	Des Plaines, Illinois	District of Columbia
MELVIN MATTHEW BLOOD	University City, Missouri	Missouri
RICHARD WAYNE BOYD	Carterville, Illinois	Oklahoma
STANLEY BROSKIE	South Orange, New Jersey	New Jersey
ALAN RICHARD DEPOY	Mt. Prospect, Illinois	Indiana
STEPHEN MORTON EDELSTEIN	Roselle, Illinois	Wisconsin
PAUL AUGUST HENSCHEN	Deerfield, Illinois	New York
MILTON HOYT	Wilmette, Illinois	District of Columbia
BURT WILLIAM KAUFMAN	St. Louis, Missouri	Missouri
LAWRENCE J. NICHOLSON	Des Plaines, Illinois	Missouri

The Committee on Accountancy further recommends that the certificate of Certified Public Accountant be awarded to the following candidates who passed the standard written examination given in May, 1964, and who have fulfilled all other legal requirements under Sections 1, 2, and 3 of the Illinois Accountancy Act of 1943, as amended.

DAVID INGVAR ANDERSON, Chicago, Illinois	RICHARD BUSHNELL CHALKER, JR., Winfield, Illinois
DAVID ROSS ANDERSON, South Beloit, Illinois	ROBERT EDWARD CHANAN, Evanston, Illinois
PAUL RAYMOND ANDERSON, Glenview, Illinois	LEON OLIVER CHASE, Wilmette, Illinois
JAMES ARTHUR ANDREWS, Evanston, Illinois	WALLACE CHRISTENHOLZ, Chicago, Illinois
RONALD MAIER APPERSON, Decatur, Illinois	DAVID WILLIAM CONWAY, Bloomington, Illinois
SANFORD LOUIS ARONIN, Chicago, Illinois	ROY EDWARD CORWIN, Wheaton, Illinois
RICHARD JAMES BAUM, Chicago, Illinois	THOMAS FRANCIS COTTELEER, Barrington, Illinois
JAMES DUANE BENTHEIMER, Elmhurst, Illinois	ALLEN ROGER COTTRAL, Savanna, Illinois
CLARK LEES BERNARD, Chicago, Illinois	EDWARD NORMAN COVICI, Chicago, Illinois
RICHARD EDWARD BLECHSCHMIDT, Matteson, Illinois	MICHAEL MATTHEW CULLY, Chicago, Illinois
NEAL JAY BLOCK, Chicago, Illinois	DORIS JANE DEBRI, Joliet, Illinois
WILLIAM HOWARD BLOOM, Morton Grove, Illinois	MARVIN JOEL DICKMAN, Chicago, Illinois
RICHARD LOUIS BOEGER, Chicago, Illinois	RUDOLPH CARL DOENNECKE, Chicago, Illinois
MICHAEL PAUL BOHAN, Cicero, Illinois	ROBERT ANTHONY DOETSCH, Evanston, Illinois
JAMES LEE BOLLWINKLE, Peoria, Illinois	WILLIAM JOHN DOUGHERTY, Broadview, Illinois
ALAN SANFORD BRAMSON, Chicago, Illinois	BRACK WILLIAM DUKER, Quincy, Illinois
ALLEN IRVING BROWN, Skokie, Illinois	DONALD ALLEN DVORAK, Chicago, Illinois
DON SHEDDON BROWNING, Peoria, Illinois	BURTON MYRON EISENBERG, Skokie, Illinois
DONALD JULIAN BRUMLIK, Skokie, Illinois	JOSEPH WALKER ENGLAND, East Moline, Illinois
NICK BURKLACH, Evanston, Illinois	ROBERT LYLE FISCHER, Chicago, Illinois
JOEL CAIRO, Chicago, Illinois	ELMER FREDRIC FISHER, River Forest, Illinois
JAMES ARTHUR CALDWELL, Melrose Park, Illinois	DAVID BRUCE FLAX, Chicago, Illinois
ANDREW CALI III, Morton, Illinois	DENNIS MICHAEL FLYNN, Naperville, Illinois
JACK WILLIAM CARLSON, Chicago, Illinois	THOMAS WILLIAM FOSSELMAN, Chicago, Illinois
DOUGLAS ROY CARMICHAEL, Champaign, Illinois	
MARY CORROLL CASSIDY, Chicago, Illinois	

- RICHARD CONRAD GLOMB, Park Forest, Illinois
 MARTIN DAVID GOLTZ, Chicago, Illinois
 RICHARD FREEMAN GORDON, LaGrange Park, Illinois
 PENELOPE ANN GRABOS, Chicago, Illinois
 DONALD LEROY GRAF, Washington, Illinois
 JACK MANDEL GREENBERG, Chicago, Illinois
 MELVIN GREENBERG, Chicago, Illinois
 MICHAEL GROBSTEIN, Chicago, Illinois
 DOUGLAS GAYLORD GROTE, Oak Park, Illinois
 NORMAN CORBIN GUSTAFSON, Park Forest, Illinois
 LARRE WOODROW HAACK, Bartonville, Illinois
 JAMES EDWARD HARAN, Chicago, Illinois
 ANDREW AMIL HARIED, Urbana, Illinois
 MILES NEIL HARTMAN, Evanston, Illinois
 PAUL JEROME HOFMAN, Chicago, Illinois
 GARY LEE HORTON, Chicago, Illinois
 KENNETH JAMES HULL, Chicago, Illinois
 DAVID ARTHUR HUTCHISON, LaGrange Park, Illinois
 MICHAEL DAVID IRWIN, Chicago, Illinois
 WILLIAM LEE JACKSON, Des Plaines, Illinois
 WALTER JOHN JAGIELLO, Chicago, Illinois
 JACKIE LEE JAMES, Urbana, Illinois
 DARRELL RUSSELL JOHNSON, Kewanee, Illinois
 NORMAN THOMAS JONES, Bloomington, Illinois
 JAMES WALTER JOZWIAK, Evanston, Illinois
 DONALD DUANE KAIN, Milan, Illinois
 JOHN MORGAN KEENAN, Oak Park, Illinois
 ROBERT EDWARD KETT, Elmhurst, Illinois
 RONALD LANE KIDDOO, Joy, Illinois
 THOMAS MICHAEL KODOSKY, Chicago, Illinois
 DENNIS JAMES KOZLOWSKI, Chicago, Illinois
 PETER ANDREW LARSON, Chicago, Illinois
 JOSEPH THOMAS LAWLOR, Oak Park, Illinois
 ROBERT TEMPLE LAWTON, Chicago, Illinois
 JUNIOR LEE LEDBETTER, Cottage Hills, Illinois
 RICHARD JOSEPH LEERS, Chicago, Illinois
 MARK STEWART LEVY, Chicago, Illinois
 MORTON ALLAN LEVY, Chicago, Illinois
 WILLIAM JAMES LINK, Glendale Heights, Illinois
 DENNIS ROBERT LITZ, Waukegan, Illinois
 ALAN MALKUS, Chicago, Illinois
 SIDNEY BRUCE MARGOLIS, Long Beach, California
 DONALD LEE MARTIN, Mattoon, Illinois
 MARTIN ANTHONY MAYER, Barrington, Illinois
 ERNEST JUNIOR MCCROAN, Niles, Illinois
 ROBERT BAKER MCCURDY, River Forest, Illinois
 JERRY KEITH McDERMOTT, Evanston, Illinois
 THADDEUS ARTHUR McDONALD, Granada, Colorado
 JAMES RECTOR MCKENZIE, Evanston, Illinois
 PAUL JOHN MEGINNIS II, Maywood, Illinois
 PHILIP ROBERT MELCHERT, Chicago, Illinois
 LAWRENCE ANTHONY METZ, Chicago, Illinois
 GUS MIHALOPULOS, Jr., Christopher, Illinois
 DONALD WAINWRIGHT MILLER, Western Springs, Illinois
 ROBERT RAY MILLER, Chicago, Illinois
 DONALD REID MITCHELL, Chicago, Illinois
 GARY DEAN MUZZY, Peoria, Illinois
 DOUGLAS FREDERICK NELSON, Chicago, Illinois
 RICHARD VINCENT NUGENT, Jr., Chicago, Illinois
 BIRGER CARL NYBORG, Chicago, Illinois
 THOMAS JOSEPH O'GRADY, Palos Park, Illinois
 RUSSELL FREDERICK PEPPET, Arlington Heights, Illinois
 GENE ALLEN PETERSEN, Colfax, Illinois
 ROBERT KEVAN POLOVIN, Chicago, Illinois
 GERALD PORTUGAL, Chicago, Illinois
 KENNETH WAYNE POTENBURG, Chicago, Illinois
 CLEMENT FREDERICK PREIWISCH, Forest Park, Illinois
 MICHAEL ALLEN PRESS, Chicago, Illinois
 ROBERT WILFRED PUETZ, Chicago, Illinois
 ROGER WARD RASMUSEN, DeKalb, Illinois
 RAYMOND ROBERT RAUSCH, Elmwood Park, Illinois

FERDINAND H. REICHEL, Chicago, Illinois	DAVID PETER STEVENSON, Kankakee, Illinois
RONALD IAN REICIN, Chicago, Illinois	FRED DALZELL STONE, Northbrook, Illinois
DONALD JOSEPH RICKEN, Schiller Park, Illinois	CAROL LOU STORZ, Chicago, Illinois
RICHARD EARLE SACKETT, Wheaton, Illinois	ADAM LOUIS SUCHOMSKI, Danville, Illinois
MAURICE JOHN SCANLON, Des Plaines, Illinois	WILLIAM ROBERT TEMPLE, JR., Fairfield, Illinois
CHARLES THOMAS SCHLAU, Villa Park, Illinois	DOUGLAS EARL TONKINSON, Carbondale, Illinois
EDWIN JOSEPH SCHOEN, Elmhurst, Illinois	RICHARD HENDRICKS TOOL, Waukegan, Illinois
WILLIAM ALBERT SCHULTE, Ft. Madison, Iowa	MARK VAN BEVEREN, Western Springs, Illinois
EDWARD JAY SCHWARTZ, Chicago, Illinois	FRANK KNIGHT VORIS, Aurora, Illinois
WILLIAM PETER SCHWARZ, La Salle, Illinois	BENTON BROWN WARDER, Des Plaines, Illinois
BERNARD HENRY SHAPIRO, Chicago, Illinois	JOHN EDWARD WARMAN, Oak Park, Illinois
IRWIN ROBERT SHECHTMAN, Chicago, Illinois	LORNE RUDOLPH WAXLAX, Mount Prospect, Illinois
KALMAN KENNETH SHINER, Chicago, Illinois	RONALD JOSEPH WEDRYK, Chicago, Illinois
CLEMENS HENRY SIEMER, Bellwood, Illinois	ARNOLD WEINBERG, Chicago, Illinois
JAY LEONARD SILVER, Chicago, Illinois	HARLAN SCOTT WHITE, La Grange, Illinois
RICHARD GRANT SMITH, Wheaton, Illinois	HENRY JOHN WILKINS, Roselle, Illinois
FRANK LAWRENCE SOLINE, Bensenville, Illinois	ARLAN DEAN WILLOCK, Peoria, Illinois
STANLEY JOHN STANCUKAS, Cicero, Illinois	HOWARD WILLIAM WOLFF, Chicago, Illinois
WAYNE EDWARD STARMAN, La Grange, Illinois	JACK BURTON WOLLMAN, Skokie, Illinois
SAMUEL WINFERD STEARMAN, La Grange, Illinois	GERALD ZEILER, Chicago, Illinois
	ROBERTA ROZANSKY ZIMMERMAN, Chicago, Illinois

On motion of Mr. Hughes, these certificates were awarded.

COMPENSATION OF BOARD OF EXAMINERS IN ACCOUNTANCY

(2) The University Committee on Accountancy recommends that the following Regulation 5 of the University regulations for the administration of the Illinois Accountancy Law, relating to compensation, be rescinded:

"Each member of the Board of Examiners appointed under Section 2 of the Act, who conducts examinations, shall send to the University Committee on Accountancy a statement of his necessary traveling expenses. Each member of the Board shall be entitled to compensation at the rate of \$25.00 per day for such services.";

and that the following be adopted:

"Each member of the Board of Examiners appointed under Section 2 of the Act shall receive compensation of \$500.00 for conducting each examination and for all other services rendered in pursuance of the duties imposed upon him by the Act."

The Committee further recommends that this change become effective in November, 1964, for the next Certified Public Accountant examinations.

Submitted herewith is a memorandum prepared by the Committee on Accountancy in support of its recommendation, a copy of which is filed with the Secretary of the Board for record.

I concur.

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

DIRECTORSHIP OF THE SCHOOL OF ASSOCIATED MEDICAL SCIENCES

(3) The Board of Trustees has authorized the establishment within the College of Medicine of a School of Associated Medical Sciences with a Director, who will also serve as either Assistant Dean or Associate Dean of the College, to administer the new curricula in Medical Record Administration and Medical Technology, also approved by the Board. The Illinois Board of Higher Education has approved the establishment of the School and the new curricula.

The Dean of the College of Medicine, the Medical Director of the Research and Educational Hospitals, and the Vice-President for the Medical Center recommend the appointment of Dr. Charles E. Richards, formerly Director of Clinics at the University of Nebraska and now Medical Education Adviser to the Agency for International Development in Thailand, as Director of the School of Associated Medical Sciences, Assistant Dean of the College of Medicine, and Assistant Director of the Research and Educational Hospitals for one year from September 1, 1964, at an annual salary rate of \$18,500, on a twelve-month service basis.

The Acting Dean of the Graduate College and the Executive Vice-President and Provost concur.

I recommend approval.

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

CHAIRMANSHIP OF THE DEPARTMENT OF HISTORY AT CHICAGO UNDERGRADUATE DIVISION

(4) The Dean of the College of Liberal Arts and Sciences at the Chicago Undergraduate Division and the Vice-President for the Division recommend the appointment of Dr. Stanley L. Jones, presently Professor of History at the Chicago Undergraduate Division, as Professor of History on indefinite tenure and Chairman of the Department of History for one year from September 1, 1964, at an annual salary of \$14,000 on an academic year service basis.

This appointment is supported by the members of the Department of professorial rank, the Acting Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

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

HEADSHIP OF DEPARTMENT OF GEOLOGY AT CHICAGO UNDERGRADUATE DIVISION

(5) The Dean of the College of Liberal Arts and Sciences at the Chicago Undergraduate Division and the Vice-President for the Division recommend the appointment of Frederick J. Kuellmer, presently Professor of Geology at the New Mexico Institute of Mining and Technology, as Professor of Geology on indefinite tenure and Head of the Department of Geology beginning September 1, 1964, at an annual salary of \$18,000 on an academic year service basis.

This appointment is supported by the member of the Department of professorial rank, the Acting Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

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

APPOINTMENTS TO THE FACULTY

(6) 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. MARGERY R. BATTLE, Assistant Professor of Psychology, Department of Psychiatry, beginning September 1, 1964, at an annual salary of \$9,000.
2. DAVID BARDACK, Assistant Professor of Biology, Chicago Undergraduate Division, beginning September 1, 1964, at an annual salary of \$8,500.
3. BETTY S. BERGERSEN, Associate Professor of Nursing, beginning February 1, 1965, at an annual salary of \$10,300.

4. EDWIN C. BERNOS, Visiting Assistant Professor of Educational Psychology, for the academic year 1964-65, at a salary of \$8,000.
5. THOMAS A. BRINER, Assistant Professor of Architecture, beginning September 1, 1964, at an annual salary of \$9,500.
6. RONALD BULLOUGH, Visiting Professor of Physical Metallurgy, Department of Mining, Metallurgy and Petroleum Engineering, for one year from September 1, 1964, without salary.
7. NEIL S. CHERNIACK, Assistant Professor of Medicine, for one year from July 1, 1964, at a salary of \$12,500.
8. IRVING COPPEL, Assistant Professor of Pathology, beginning September 1, 1964, at an annual salary of \$14,000.
9. HERBERT COX, Assistant Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, and of Veterinary Research, Agricultural Experiment Station, beginning September 1, 1964, at an annual salary of \$13,500.
10. JOHN R. DICKEL, Assistant Professor of Astronomy, beginning September 1, 1964, at an annual salary of \$7,500.
11. WILLIAM A. DOYLE, Assistant Professor of Architecture, beginning September 1, 1964, at an annual salary of \$8,000.
12. HARRY G. FRIEDMAN, JR., Research Assistant Professor of Chemistry, in the Digital Computer Laboratory, Graduate College, and in the Department of Chemistry and Chemical Engineering, for eight months from January 1, 1965, at a salary of \$7,333.
13. L. ROLAND GENISE, Research Assistant Professor, University High School, beginning September 1, 1964, at an annual salary of \$12,000.
14. JOHN E. C. GLIDDON, Visiting Assistant Professor of Electrical Engineering, beginning September 1, 1964, at an annual salary of \$9,000.
15. JOHN E. GOUGH, Research Associate in Psychology and Counselor, Student Counseling Service, Chicago Undergraduate Division, beginning September 1, 1964, at an annual salary of \$9,000.
16. GEORGE HENDRICK, Visiting Professor of English, Chicago Undergraduate Division, for the academic year 1964-65, at a salary of \$11,000.
17. DANIEL B. HODGE, Visiting Assistant Professor of Electrical Engineering, for one year from September 1, 1964, at a salary of \$8,200.
18. JOHN E. KEMPF, Professor and Acting Head of the Department of Microbiology, College of Medicine, beginning September 1, 1964, at an annual salary of \$18,700.
19. JAMES B. KALER, Assistant Professor of Astronomy, beginning September 1, 1964, at an annual salary of \$8,500.
20. KIRBY M. KEAHEY, Assistant Professor of Architecture, beginning September 1, 1964, at an annual salary of \$8,700.
21. LOUIS J. MORDELL, Visiting George A. Miller Professor of Mathematics, for the academic year 1964-65, at a salary of \$16,500.
22. HENRY B. OKNER, Staff Physician and Assistant Professor of Health Science, Health Service, Chicago Undergraduate Division, on one-half time, beginning September 1, 1964, at an annual salary of \$7,400.
23. LOUIS J. RAGO, Associate Professor of Industrial Administration, beginning September 1, 1964, at an annual salary of \$13,000.
24. LEO SADOW, Clinical Assistant Professor of Psychiatry, on one-fourth time, beginning September 1, 1964, at an annual salary of \$3,500.
25. RALPH A. SMITH, Assistant Professor of Art, on one-half time, and Assistant Professor of Elementary Education, on one-half time, beginning September 1, 1964, at an annual salary of \$9,000.
26. SIDNEY L. SPAHR, Assistant Professor of Dairy Husbandry, Department of Dairy Science, beginning September 1, 1964, at an annual salary of \$9,000.
27. THEODORE E. TEPAS, Clinical Assistant Professor of Psychiatry, beginning September 1, 1964, without salary.
28. CHARLES M. WELLER, Visiting Assistant Professor of Secondary and Continuing Education, for the academic year 1964-65, at a salary of \$9,500.
29. SAMUEL WEXLER, Assistant Professor of Psychology, Department of Psychiatry, beginning September 1, 1964, without salary.
30. OTTO WHITEHILL, Assistant Professor of Psychology, Department of Psychiatry, beginning September 1, 1964, without salary.

31. HANS-JÜRGEN ZIMMERMANN, Visiting Assistant Professor of Industrial Administration, for the academic year 1964-65, at a salary of \$9,000.

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

APPOINTMENTS IN THE PHYSICAL PLANT DEPARTMENT

(7) For the record, I report the following changes in the administrative personnel of the Physical Plant Department:

VERNON L. KRETSCHMER, Director of Auxiliary Services, has been appointed Associate Director of the Physical Plant and Director of Auxiliary Services, at an annual salary of \$21,000;

ROBERT S. CHAMBERLIN, formerly Director of the Division of Campus Development, has been appointed Director of Campus Planning, at an annual salary of \$17,000;

both appointments effective September 1, 1964.

These new positions and changes have been under consideration for some time, but the final decisions were not reached in time to include them in the budget for 1964-65.

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

NONSALARIED FACULTY OF THE COLLEGE OF MEDICINE, 1964-65

(8) I present the following list of appointments to the nonsalaried faculty of the College of Medicine for the academic year beginning September 1, 1964.

The designation "Rush" in a title is used to identify former members of the Rush Medical College faculty who were taken over by the University in 1941 as part of the affiliation with the former Presbyterian Hospital, now Presbyterian-St. Luke's Hospital, by authority of the Board of Trustees.

New appointments are so indicated and all others are reappointments. Professors and Associate Professors who have been on indefinite tenure in the past are being continued in that status. However, all new appointments at, or promotions to, the rank of Associate Professor are for one year (indicated by the symbol "DY"), and subsequent reappointments of such staff members will be on an annual basis.

On motion of Mr. Johnston, these appointments were approved as listed below.

Summary			
Department		1963-64	1964-65
Anatomy.....		5 (1)*	6 (1)
Biological Chemistry.....		13	16
Dermatology.....		28 (2)	29 (2)
Medical Social Work.....		4	3
Medicine.....		305 (29)	305 (29)
Microbiology.....		6	5
Neurology and Neurological Surgery.....		17 (1)	23 (1)
Obstetrics and Gynecology.....		100 (4)	101 (4)
Occupational Therapy.....			1
Ophthalmology.....		56 (4)	53 (5)
Orthopaedic Surgery.....		30 (2)	29 (3)
Otolaryngology.....		74 (9)	71 (8)
Pathology.....		46 (2)	43 (2)
Pediatrics.....		85 (5)	80 (5)
Pharmacology.....		3	3
Physical Medicine and Rehabilitation.....		4	5
Physiology.....		2 (1)	2
Preventive Medicine.....		11 (1)	15 (1)
Psychiatry.....		136 (2)	135 (2)
Public Health.....		6	6
Radiology.....		25 (1)	32 (1)
Surgery (including Urology and Anesthesiology).....		233 (13)	238 (14)
		1 189 (77)	1 201 (78)

* The figures in parentheses indicate the number of emeritus members.

Anatomy

GUSTAVE L. ZECHEL, Lecturer with the rank of Associate Professor, *Emeritus*
PHILIP CASELLA, Clinical Assistant Professor
ARTHUR F. CIPOLLA, Clinical Assistant Professor
LAWRENCE G. KHEDROO, Clinical Assistant Professor
FRANK A. VICARI, Clinical Assistant Professor
D. DWIGHT DAVIS, Lecturer

Biological Chemistry

MAX K. HORWITT, Professor
MAX E. RAFELSON, JR., Professor
JAMES A. HAYASHI, Associate Professor (DY)¹
HERMANN G. MATTENHEIMER, Associate Professor (DY)
HOWARD H. SKY-PECK, Associate Professor (DY)
ANATOLY BEZKOROVAINY, Assistant Professor
BERNARD CENTURY, Assistant Professor
RICHARD D. COLEMAN, Assistant Professor
ALVIN DUBIN, Assistant Professor
ALVIN GLASKY, Assistant Professor
TOHRU INOUE, Assistant Professor
CHARLES F. LANGE, Assistant Professor
LLOYD WITTING, Assistant Professor
WILLIAM H. HARRISON, Research Assistant Professor (new) (also in Neurology)
KLAUS E. KUETTNER, Instructor (new)
HYOGO SINOHARA, Research Associate

Dermatology

LEONARD F. WEBER, Clinical Professor, *Emeritus*
CLARK W. FINNERUD, Clinical Associate Professor (Rush), *Emeritus*
ALFRED B. FALK, Clinical Associate Professor
PAUL R. GRIFFITH, Clinical Associate Professor
JOHN B. HAEBERLIN, Clinical Associate Professor
IRENE NEUHAUSER, Clinical Associate Professor
MILTON ROBIN, Clinical Associate Professor
ALBERT H. SLEPYAN, Clinical Associate Professor
SIDNEY BARSKY, Clinical Associate Professor (DY)
SAMUEL W. BECKER, JR., Clinical Associate Professor (DY)
STEFAN BIELINSKI, Clinical Assistant Professor
IRVING H. DISTELHEIM, Clinical Assistant Professor
ALLEN S. PEARL, JR., Clinical Assistant Professor
LOUIS RUBIN, Clinical Assistant Professor
EDWIN M. SMITH, Clinical Assistant Professor
OTTO C. STEGMAIER, Research Associate (fourteen months from July 1, 1964)
IRMA ALESHIRE, Clinical Instructor
M. BARRY KIRSCHENBAUM, Clinical Instructor
CHESTER L. KROLL, Clinical Instructor
HAROLD M. SPINKA, Clinical Instructor
SEYMOUR WEINSTEIN, Clinical Instructor
WILLIAM E. BAILEY, Clinical Assistant
BRUCE B. BURGESS, Assistant²
SYDNEY A. DIAMOND, Assistant²
HARVEY J. FAGELSON, Assistant²
RAYMOND M. HANDLER, Assistant²
EUGENE MANDREA, Clinical Assistant
WILFRIED L. SCHMEROLD, Clinical Assistant
JOSEPH R. SHANNON, Assistant²

¹ The symbol DY indicates the appointment for one year from September 1, 1964, on a twelve-month service basis, and is used here to designate those who are being appointed to the rank of Associate Professor for one year only. Where the symbol DY does not appear, the appointment of a Professor or Associate Professor is on indefinite tenure.

² Also Resident at Research and Educational Hospitals.

³ Also Resident at Presbyterian-St. Luke's Hospital.

Medical Social Work

NANCY V. GILSON, Assistant Professor

RENEE E. HACK, Instructor

LOIS A. MCFADDEN, Instructor

MedicineWALTER C. ALVAREZ, Lecturer in Medicine with rank of Professor, *Emeritus*AARON ARKIN, Clinical Professor (Rush), *Emeritus*LOUIS FELDMAN, Clinical Professor, *Emeritus*MORRIS FISHBEIN, Lecturer in Medicine with rank of Professor (Rush),
*Emeritus*ELLIS B. FREILICH, Clinical Professor, *Emeritus*WILLIAM G. HIBBS, Clinical Professor (Rush), *Emeritus*FRANK B. KELLY, Clinical Professor (Rush), *Emeritus*SIDNEY STRAUSS, Clinical Professor, *Emeritus*WILLIAM A. THOMAS, Clinical Professor (Rush), *Emeritus*ALBERT VANDERKLOOT, Clinical Professor, *Emeritus*WILLARD L. WOOD, Clinical Professor (Rush), *Emeritus*

EVAN M. BARTON, Clinical Professor (Rush)

JAMES A. CAMPBELL, Professor

RICHARD B. CAPPS, Clinical Professor

JOHN S. GRAETTINGER, Professor

EARLE GRAY, Clinical Professor (Rush)

PAUL HELLER, Professor

ARMAND LITTMAN, Professor

HAROLD C. LUETH, Clinical Professor

KARL H. PFUETZE, Clinical Professor

THEODORE B. SCHWARTZ, Professor

MITCHELL A. SPELLBERG, Clinical Professor

GEORGE W. STUPPY, Clinical Professor (Rush)

FRANK E. TROBAUGH, Jr., Professor

HUGH H. HUSSEY, Clinical Professor (DY)

BENJAMIN GOLDBERG, Clinical Associate Professor, *Emeritus*ALVA A. KNIGHT, Clinical Associate Professor (Rush), *Emeritus*CLAYTON J. LUNDY, Clinical Associate Professor (Rush), *Emeritus*FRANK B. LUSK, Clinical Associate Professor, *Emeritus*SAMUEL PERLSTEIN, Clinical Associate Professor, *Emeritus*ISADORE PILOT, Clinical Associate Professor, *Emeritus*HOWARD M. SHEAFF, Clinical Associate Professor (Rush), *Emeritus*EUGENE F. TRAUT, Clinical Associate Professor (Rush), *Emeritus*RALPH W. TRIMMER, Clinical Associate Professor (Rush), *Emeritus*HOWARD WAKEFIELD, Clinical Associate Professor, *Emeritus*

MELVIN L. AFREMOW, Clinical Associate Professor

ARTHUR BERNSTEIN, Clinical Associate Professor

HERBERT C. BREUHAUS, Clinical Associate Professor (Rush)

GEORGE V. BYFIELD, Clinical Associate Professor

THOMAS J. COOGAN, Clinical Associate Professor

JACOB W. FISCHER, Clinical Associate Professor

MURRAY FRANKLIN, Clinical Associate Professor

EDWIN N. IRONS, Clinical Associate Professor

ROY J. KORN, Associate Professor (from November 18, 1964)

ROBERT O. LEVITT, Clinical Associate Professor

MEYER R. LICHTENSTEIN, Clinical Associate Professor

J. CHARLES McMILLAN, Jr., Clinical Associate Professor

MILTON M. MOSKO, Clinical Associate Professor

JEROME T. PAUL, Clinical Associate Professor

THEODORE Z. POLLEY, Clinical Associate Professor

EUGENE J. RANKE, Clinical Associate Professor

SAMUEL H. ROSENBLUM, Clinical Associate Professor

ARWIN F. SCHICK, Clinical Associate Professor (Rush)

JAMES A. SCHOENBERGER, Clinical Associate Professor

IRVING E. STECK, Clinical Associate Professor

MAX BERG, Clinical Associate Professor (DY)

LIONEL M. BERNSTEIN, Associate Professor (DY)
GEORGE H. BERRYMAN, Clinical Associate Professor (DY)
ANGELO P. CRETICOS, Clinical Associate Professor (DY)
AARON GUNTHER, Clinical Associate Professor (DY)
BUFORD HALL, Clinical Associate Professor (DY)
WILLIAM J. HAND, Clinical Associate Professor (DY)
ERVIN KAPLAN, Associate Professor (DY)
JANET R. KINNEY, Clinical Associate Professor (DY)
SHELDON E. KRASNOW, Clinical Associate Professor (DY)
JULES H. LAST, Clinical Associate Professor (DY)
JEROME S. MEHLMAN, Clinical Associate Professor (DY)
BERTRAM G. NELSON, Clinical Associate Professor (Rush) (DY)
LAWRENCE PERLMAN, Clinical Associate Professor (DY)
ROBERT M. POSKE, Associate Professor (DY)
MARJORIE M. PYLE, Clinical Associate Professor (DY)
PAUL RAVENNA, Clinical Associate Professor (DY)
RIGBY C. ROSKELLEY, Clinical Associate Professor (DY)
PAUL J. SANAZARO, Clinical Associate Professor (DY)
HAROLD SCHOOLMAN, Associate Professor (DY)
JOHN T. SHARP, Associate Professor (DY)
GRAHAM A. VANCE, Clinical Associate Professor (DY)
GERALD A. WILLIAMS, Associate Professor (DY)
JOHN A. GARDINER, Clinical Assistant Professor (Rush), *Emeritus*
BENJAMIN H. HILKEVITCH, Clinical Assistant Professor (Rush), *Emeritus*
GRANT H. LAING, Clinical Assistant Professor, *Emeritus*
JOHN R. NECHELES, Clinical Assistant Professor, *Emeritus*
OSMUND H. AKRE, Clinical Assistant Professor
DAVID BALDWIN, Clinical Assistant Professor
ROBERT J. BECKER, Clinical Assistant Professor
HERBERT E. BESSINGER, Clinical Assistant Professor
ALBIN M. BRIXEY, JR., Clinical Assistant Professor
RALPH G. BROWN, Clinical Assistant Professor
RICHARD A. CARLETON, Assistant Professor
CHESTER COGGESHALL, Clinical Assistant Professor
NICOLAS V. COSTEA, Assistant Professor
G. WILLIAM COTTS, Clinical Assistant Professor
JOHN A. DETWEILER, Clinical Assistant Professor
HENRY D. DEYOUNG, Clinical Assistant Professor
MICHAEL M. DIGILIO, Clinical Assistant Professor
DEAN F. DIMICK, Assistant Professor
PETER J. FARAGO, Clinical Assistant Professor
ROBERT E. FELIX, Clinical Assistant Professor
WILLIAM E. FISHMAN, Clinical Assistant Professor
GEORGE C. FLANAGAN, Clinical Assistant Professor
BENUM W. FOX, Clinical Assistant Professor
DONALD T. FOXWORTHY, Assistant Professor
SANFORD A. FRANZBLAU, Clinical Assistant Professor
ROBERT C. FRUIN, Assistant Professor
RAYMOND M. GALT, Clinical Assistant Professor
MORTON A. GOLDMANN, Clinical Assistant Professor
ALBERT W. HOLMES, JR., Assistant Professor (fourteen months from July 1, 1964) (also in Microbiology)
HARRY L. HUNTER, Clinical Assistant Professor
FRANK W. JONES, Clinical Assistant Professor
PHILIP N. JONES, Clinical Assistant Professor
BENJAMIN M. KAPLAN, Clinical Assistant Professor
NICHOLAS KEFALIDES, Assistant Professor (fourteen months from July 1, 1964)
ROLAND L. KESLER, Clinical Assistant Professor (Rush)
WALLACE W. KIRKLAND, JR., Clinical Assistant Professor
SYDNEY KOFMAN, Assistant Professor
BRUCE D. LEE, Clinical Assistant Professor
JERRY P. LEWIS, Assistant Professor (fourteen months from July 1, 1964)
MORGAN M. MEYER, Clinical Assistant Professor

THOMAS MORRISON, Clinical Assistant Professor
ROBERT C. MUEHRCKE, Clinical Assistant Professor
JOSEPH J. MUENSTER, JR., Assistant Professor
JOSEPH R. NORA, Clinical Assistant Professor
CHARLES P. PERLIA, Assistant Professor
WILLIAM H. PHELAN, Clinical Assistant Professor
JOHN POST, Clinical Assistant Professor (Rush)
OLDRICH PREC, Clinical Assistant Professor
SOPHIE J. PRESLEY, Clinical Assistant Professor
ALEXANDER N. RUGGIE, Clinical Assistant Professor
SEYMOUR R. SALBERG, Clinical Assistant Professor
ANTHONY R. SAPIENZA, Clinical Assistant Professor
HAROLD A. SHAFTER, Clinical Assistant Professor
ROBERT E. SLAYTON, Clinical Assistant Professor
DONALD W. TARUN, Clinical Assistant Professor
ANDREW THOMSON, Assistant Professor
ANGELO TOIGO, Assistant Professor
SEYMOUR W. WEISBERG, Clinical Assistant Professor
PAUL L. WINTER, Clinical Assistant Professor
EDWARD J. WISS, Clinical Assistant Professor
ALEXANDER WOLF, Clinical Assistant Professor
CHARLES K. WOLFE, JR., Clinical Assistant Professor
SIMON ZIVIN, Clinical Assistant Professor
HUGO O. DEUSS, Lecturer
WILLIAM S. HOFFMAN, Lecturer
HERMAN A. LEVY, Lecturer
OGLESBY PAUL, Lecturer (DY)
ALFRED H. ROSENBLUM, Lecturer
FREDERICK SARGENT II, Lecturer
ELIZABETH K. STRAUS, Lecturer (Rush)
JOHN H. TALBOTT, Lecturer
LUKE J. GRIMELLI, Clinical Associate, *Emeritus*
EUGENE GROSZ, Clinical Associate, *Emeritus*
ROBERT N. HEDGES, Clinical Associate, *Emeritus*
J. LISLE WILLIAMS, Associate, *Emeritus*
FRANK C. CARTER, Clinical Associate
JOHN L. CIRZAN, Clinical Associate
JOSEPH A. DAVIS, Clinical Associate
GEORGE A. DEJONG, Clinical Associate
ELMER W. FISHERMAN, Clinical Associate
CARL A. HEDBLUM, JR., Clinical Associate
ROBERT L. HERTING, Clinical Associate
WILLIAM H. HIGHSTONE, Clinical Associate
WALTER F. HOEPPNER, Clinical Associate
NATHAN J. IGLITZEN, Clinical Associate
LOUIS C. JOHNSTON, Clinical Associate
IRENE G. KAGANIEC, Clinical Associate
WILLIAM J. KIRBY, Clinical Associate (Rush)
EUGENE S. KRASNOW, Clinical Associate
WAYNE E. MATHY, Clinical Associate
PETER S. MAYER, Clinical Associate
PAUL A. MEREDITH, Clinical Associate
CLARK A. MONTGOMERY, Clinical Associate
DONALD E. O'BRIEN, Clinical Associate
JOSHUA ODEN, JR., Clinical Associate
GLOUCESTER A. PRICE, JR., Clinical Associate
ANITA ROBBINS, Clinical Associate
RALPH A. SCALA, Clinical Associate
HARRY B. STONE, Clinical Associate
JEROME F. STRAUSS, JR., Clinical Associate
KASRIEL TAUSK, Clinical Associate
RAYMOND TEPLITZ, Clinical Associate
CHESTER B. THRIFT, Clinical Associate

CHARLES S. VIL, Clinical Associate
EARL A. VONDRASEK, Clinical Associate
JAMES R. ZVETINA, Clinical Associate
DONALD W. AARONSON, Clinical Instructor
ARTHUR J. ANDERSON, Instructor (one year from July 1, 1964)²
EARL T. ANDERSON, Instructor (one year from July 1, 1964)
ALAN R. ARONSON, Clinical Instructor
FRANK O. BECKER, Clinical Instructor
BERNARD B. BLAAUW, JR., Clinical Instructor (fourteen months from July 1, 1964)
WILLIAM V. BLAZEK, Instructor (on leave of absence for military service)
JEB BOSWELL, Instructor
ALLEN F. BOWYER, Instructor (one year from July 1, 1964)
JOSEPH T. BRANIT, Clinical Instructor
ROBERT R. BRINEY, Clinical Instructor
WILLIAM C. BROWN, Clinical Instructor
MILDA BUDRYS, Clinical Instructor
ALLAN B. CADY, Clinical Instructor
RAMON E. CASAS, Clinical Instructor
JOSEPH D. CECE, Clinical Instructor
JACK L. CHITTY, Clinical Instructor
WILLIAM CLAY, Clinical Instructor
GERALD COHEN, Clinical Instructor
THOMAS J. COOGAN, Instructor (one year from July 1, 1964)³
THOMAS D. DALE, JR., Clinical Instructor
MARGARET DEANESLY, Instructor (one year from July 1, 1964)³
PETER G. ECONOMOU, Instructor
JOHN R. ERICKSON, Clinical Instructor
ADOLFO A. FERNANDEZ, Clinical Instructor
MILTON L. FORT, Clinical Instructor
RICHARD P. FOTH, Clinical Instructor
RONALD E. FOX, Clinical Instructor
WILLIAM I. FREUD, Clinical Instructor
RAIMONDS G. GAILITIS, Clinical Instructor
WILLIAM R. GARR, Clinical Instructor
EVANGELOS A. GEORGOULIS, Clinical Instructor
EDWARD K. GRIFFITHS, Clinical Instructor
WILLIAM M. HAMBY, Clinical Instructor
PAUL K. HANASHIRO, Instructor (one year from July 1, 1964)
DONALD H. HANSCOM, Clinical Instructor
ALLEN HOFFMAN, Clinical Instructor
MEILUTE A. INDREIKA, Clinical Instructor
RODNEY A. JAMIESON, Clinical Instructor
HAROLD L. JENSEN, Clinical Instructor
JOHN C. JONES, Clinical Instructor
ROBERT S. KASSRIEL, Clinical Instructor
FRANK B. KELLY, JR., Clinical Instructor
CHARLES W. KOIVUN, Instructor (one year from July 1, 1964)³
JOHN C. KULIS, Clinical Instructor
JOSEPH LIBNOCH, Clinical Instructor
THOMAS B. LONGABAUGH, Clinical Instructor
JAMES C. LOWE II, Clinical Instructor (fourteen months from July 1, 1964)
GORDON D. LUCAS, Instructor (one year from July 1, 1964)
PATRICIA A. MCCREARY, Clinical Instructor
RANDALL L. MANN, Clinical Instructor
JULIO MARSI, Clinical Instructor
VIDVUDS MEDENIS, Clinical Instructor
CHARLES W. METCALF, Clinical Instructor
EDWIN B. MILLER, Clinical Instructor
GEORGE A. NELSON, JR., Clinical Instructor (fourteen months from July 1, 1964)
HERBERT NEUHAUS, Clinical Instructor
JEROME E. NEUSTADT, Clinical Instructor
JULIUS S. NEWMAN, Clinical Instructor
ALBERT F. NIBBE, Instructor (one year from July 1, 1964)³

LEONARD OHRINGER, Clinical Instructor
 CHARLES H. PATTON, Instructor (two months from July 1, 1964)³
 LUBEN C. PENEV, Clinical Instructor
 RICHARD J. POWERS, Clinical Instructor
 NORMAN W. REAM, Instructor (one year from July 1, 1964)³
 MARVIN S. ROSENBERG, Instructor
 DEAN S. ROSSET, Clinical Instructor
 JAMES A. ROWE, Clinical Instructor
 GEORGE S. SCHOLLY, Clinical Instructor (fourteen months from July 1, 1964)
 ROGER R. SCHUESSLER, Clinical Instructor
 WILLIAM K. SCUPHAM, Clinical Instructor
 STANLEY S. SHIMODA, Instructor (one year from July 1, 1964)³
 VITOLDS R. SILINS, Instructor
 MARSHALL J. SNAPP, Clinical Instructor
 SOLOMON SOBEL, Clinical Instructor (fourteen months from July 1, 1964)
 GUSTAVO SOSA, Clinical Instructor
 MARIAN S. TARZYNSKI, Clinical Instructor
 W. RANDOLPH TUCKER, Instructor (fourteen months from July 1, 1964)
 ALSTON C. TWISS, Clinical Instructor
 RUSSELL J. VASTINE, Clinical Instructor
 JORDAN D. WAXMAN, Instructor (fourteen months from July 1, 1964)
 RICHARD W. ZALAR, Clinical Instructor
 NEIL S. AGRUSS, Assistant (one year from July 1, 1964) (new)²
 JOSEPH C. CHISHOLM, JR., Assistant (one year from July 1, 1964)²
 JACK C. COOKSEY, Assistant (one year from July 1, 1964)²
 ROBERT E. DAMPTZ, Assistant (three months from July 1, 1964)³
 RICHARD E. DOLBEC, Assistant (one year from July 1, 1964) (new)³
 MARVIN A. FREID, Research Assistant (one year from July 1, 1964)
 RALPH C. FRIEDENBERG, Assistant (one year from July 1, 1964) (new)²
 RAMON H. GARCIA-CAMILO, Clinical Assistant (fourteen months from July 1, 1964)
 NANCY J. GUBISCH, Assistant (one year from July 1, 1964)³
 DONALD H. GUSTAFSON, Clinical Assistant
 BURT H. HAMRELL, Assistant (one year from July 1, 1964)²
 LEONARD J. HERTKO, Assistant (one year from July 1, 1964)³
 ANTHONY G. HOCKEN, Research Assistant (one year from July 1, 1964)
 RODERIC S. HUBER, Clinical Assistant
 RICHARD L. HUGHES, Assistant (one year from July 1, 1964) (new)³
 JON I. ISENBERG, Assistant (one year from July 1, 1964) (new)²
 LELAND E. KELLERHOUSE, JR., Research Assistant (two months from July 1, 1964)
 THOMAS M. KILBRIDGE, Assistant (one year from July 1, 1964)²
 JAMES LUMENG, Assistant (one year from July 1, 1964)²
 JOHN M. McLEAN, Assistant (one year from July 1, 1964) (new)³
 FUJIIHIKO MIYASATO, Research Assistant (one year from July 1, 1964)
 DAVID A. MOROWITZ, Assistant (one year from July 1, 1964) (new)²
 LOIS F. O'GRADY, Assistant (one year from July 1, 1964)³
 ROSS G. OLSON, Assistant (one year from July 1, 1964)³
 LUCIA T. FISCHER PAP, Clinical Assistant
 ROBERT J. PINK, Clinical Assistant
 RHODA S. POMERANTZ, Assistant (one year from July 1, 1964) (new)³
 DONALD E. RAGER, Assistant (one year from July 1, 1964)²
 JOHN W. RILEY III, Assistant (one year from July 1, 1964)³
 JOACHIM SCHELLMANN, Research Assistant (one year from July 1, 1964) (new)
 JOHN D. SCHMALE, Assistant (one year from July 1, 1964) (new)²
 JOHN A. SBARBARO, Assistant (one year from July 1, 1964)³
 COLEMAN R. SESKIND, Assistant (one year from July 1, 1964)²
 JERRY G. SPENNEY, Assistant (one year from July 1, 1964) (new)²
 LAWRENCE P. TREMONTI, JR., Assistant (one year from July 1, 1964) (new)³
 GAGE VAN HORN, Assistant (one year from July 1, 1964) (new)³
 ISAAC WEISZER, Assistant (one year from July 1, 1964)³

Microbiology

FRIEDRICH W. DEINHARDT, Associate Professor
 ALBERT W. HOLMES, JR., Assistant Professor (also in Medicine)

RALPH H. HUBBLE, Lecturer
WILLIAM LANDAU, Instructor
ELTA W. KNOLL, Assistant, *Emerita*

Neurology and Neurological Surgery

LOREN W. AVERY, Clinical Professor (Rush), *Emeritus*
MAYNARD M. COHEN, Professor (DY)
J. FRANCIS HARTMANN, Research Professor (DY)
HAROLD C. VORIS, Clinical Professor (DY)
ARTHUR ARNOLD, Clinical Assistant Professor
JACK B. DRORI, Assistant Professor
WILLIAM H. HARRISON, Research Assistant Professor (new) (also in Biological Chemistry)
HENRY B. HIGMAN, Assistant Professor (new)
FOSTER K. REDDING, Assistant Professor (new)
RICHARD O. BURNS, JR., Clinical Associate
VIRGINIA R. SORUM, Clinical Associate
DAVID C. VORIS, Clinical Associate
NATHAN ZOLT, Clinical Associate
JONAS V. MILERIS, Clinical Instructor (new)
ELI TOBIAS, Clinical Instructor
WALTER WHISLER, Clinical Instructor
ROBERT A. BEATTY, Assistant (one year from July 1, 1964)³
THOMAS O. BRACKETT, Assistant (one year from July 1, 1964)²
ROBERT P. GOLDFARB, Assistant (one year from July 1, 1964) (new)²
JOHN A. JANE, Assistant (one year from July 1, 1964)²
RONALD A. PAWL, Assistant (one year from July 1, 1964)²
MICHAEL S. TAEKMAN, Assistant (one year from July 1, 1964)³
DAVID YASHON, Assistant (one year from July 1, 1964)²

Obstetrics and Gynecology

EDWARD D. ALLEN, Clinical Professor (Rush), *Emeritus*
EUGENE A. EDWARDS, Clinical Professor, *Emeritus*
HARRY BOYSEN, Clinical Professor (Rush)
ARTHUR H. KLAUANS, Clinical Professor (Rush)
ABRAHAM F. LASH, Clinical Professor
RICHARD H. ANDRESON, Clinical Associate Professor
JAMES P. FITZGIBBONS, Clinical Associate Professor
ALFRED J. KOBAK, Clinical Associate Professor
RICHARD A. LIVENDAHL, Clinical Associate Professor
FRED O. PRIEST, Clinical Associate Professor (Rush)
GEORGE H. REZEK, Clinical Associate Professor
HARRY K. WADDINGTON, Clinical Associate Professor
JOHN R. WOLFF, Clinical Associate Professor
SOL J. BENENSOHN, Clinical Associate Professor (DY)
DEANE M. FARLEY, Clinical Associate Professor (DY)
ROBERT J. GLENNER, Clinical Associate Professor (DY)
JOHN P. HARROD, JR., Clinical Associate Professor (DY)
ARMAND J. MAUZEY, Clinical Associate Professor (DY)
JOHN W. PAYNE, Clinical Associate Professor (DY)
ROBERT C. STEPTO, Clinical Associate Professor (DY)
ALFONS BACON, Clinical Assistant Professor, *Emeritus*
HARRY SERED, Clinical Assistant Professor, *Emeritus*
JOHN F. BARTELS, Clinical Assistant Professor
HUGO C. BAUM, Clinical Assistant Professor (Rush)
ROBERT A. BEEBE, Clinical Assistant Professor
MICHAEL H. BOLEY, Clinical Assistant Professor
CLAIR M. CAREY, Clinical Assistant Professor
PETER J. COURI, Clinical Assistant Professor
VINCENT S. DIGIULIO, Clinical Assistant Professor
CECIL DRAA, Clinical Assistant Professor (Rush)
GEORGE C. FINOLA, Clinical Assistant Professor
WILLIAM F. GEITTMANN, Clinical Assistant Professor

RALPH L. GIBSON, Clinical Assistant Professor
CHARLES J. HEIBERGER, Clinical Assistant Professor
BERNARD M. KAYE, Clinical Assistant Professor
CHARLES D. KRAUSE, Clinical Assistant Professor
VINCENT A. LAVIERI, Clinical Assistant Professor
ROCCO V. LOBRAICO, Clinical Assistant Professor
JOHN S. LONG, Clinical Assistant Professor
WILBUR J. MARSHALL, Clinical Assistant Professor
WILLIAM S. MILLER, Clinical Assistant Professor
GEORGE PEPPER, Clinical Assistant Professor
MICHAEL P. PILL, Clinical Assistant Professor
FREDERICK J. ROOS, Clinical Assistant Professor
MEYER D. RUTGARD, Clinical Assistant Professor
SEYMOUR SHOLDER, Clinical Assistant Professor
PETER SIEGEL, Clinical Assistant Professor
C. OTIS SMITH, Clinical Assistant Professor
MANUEL SPIEGEL, Clinical Assistant Professor
LAWRENCE J. SYKORA, Clinical Assistant Professor
EDGAR B. SYLVESTER, Clinical Assistant Professor
JOSEPH B. TETON, Clinical Assistant Professor
VASIL TRUCHLY, Clinical Assistant Professor
FRANK J. WALSH, Clinical Assistant Professor
BRUCE P. ZUMMO, Clinical Assistant Professor
DENES ORBAN, Clinical Associate
LIONEL J. SCHEWITZ, Clinical Associate
JOSEPH S. ANGELL, Clinical Instructor
JOSEPH H. CLEVINGER, JR., Instructor (one year from July 1, 1964)²
DONALD M. FAHRENBAUGH, Clinical Instructor
EDWIN L. FALLOON, Clinical Instructor
WILLIAM M. GARDNER, Clinical Instructor (fourteen months from July 1, 1964)
THOMAS HEJNA, Clinical Instructor (fourteen months from July 1, 1964)
TERRENCE C. HANSEN, Instructor (one year from July 1, 1964)²
JOHN R. KOSTELNY, Clinical Instructor
LAWRENCE LEVINE, Clinical Instructor
JOSEPH J. MULLEN, Clinical Instructor
EDWIN E. NYMAN, Clinical Instructor
ROBERT P. OLSON, Instructor (one year from July 1, 1964)³
GABRIEL A. RODRIGUEZ, Clinical Instructor
MARVIN A. ROSNER, Clinical Instructor
JACK A. SAMPSON, Clinical Instructor
PETER D. SCALZITTI, Instructor (one year from July 1, 1964)³
ROBERT G. STONE, Clinical Instructor
KENNETH M. SUSSMAN, Instructor (one year from July 1, 1964)²
NATHAN TOLWINSKY, Clinical Instructor
NANCY C. TREADWELL, Clinical Instructor
GEORGE P. VLASIS, Clinical Instructor
LAVERNE M. WALLHEISER, Clinical Instructor
ALVIN F. WIERSMA, Clinical Instructor
JOHN A. AIMONE, Clinical Assistant
DELOS R. COZAD, Clinical Assistant
WILLIAM H. DONOVAN, JR., Clinical Assistant
FREDERICK M. GAWECKI, Assistant (on leave of absence for military service)
MARIO A. IRIGOYEN, Clinical Assistant
SIDNEY C. KAHN, Clinical Assistant
ANTHONY N. KENWICK, Clinical Assistant
JOHN D. LAMOT, Assistant³
JOHN H. MATTOX, Assistant (one year from July 1, 1964)²
ROBERT H. OBERHELMAN, Clinical Assistant
STEWART I. ODELL, Assistant (one year from July 1, 1964) (new)³
ADRIAN R. OLECK, Clinical Assistant
RICHARD G. PATTERSON, Assistant (one year from July 1, 1964)²
JUAN F. ROJAS, Assistant (one year from July 1, 1964) (new)²
BERNARD E. RUDER, Assistant (one year from July 1, 1964)³

STEPHEN B. RUSKIN, Assistant (one year from July 1, 1964) (new)³
THOMAS L. SUSSEX, Assistant (one year from July 1, 1964) (new)²
KAMJAD SWASDIO, Assistant (one year from July 1, 1964) (new)²
TOSHIRO TATEIWA, Assistant (one year from July 1, 1964)³
RICHARD FUNG YEE, Assistant (one year from July 1, 1964) (new)²
STEPHEN JOHN ZWIREK, Assistant (one year from July 1, 1964) (new)³

Occupational Therapy

ROBERT K. BING, Assistant Professor

Ophthalmology

WILLIAM F. MONCREIFF, Clinical Professor (Rush), *Emeritus*
WILLIAM F. HUGHES, Clinical Professor
CARL APPLE, Clinical Associate Professor, *Emeritus*
EARLE B. FOWLER, Clinical Associate Professor (Rush), *Emeritus*
GEORGIANA D. THEOBALD, Clinical Associate Professor and Clinical Pathologist, *Emerita*
JOSEPH S. HAAS, Clinical Associate Professor
DANIEL SNYDACKER, Clinical Associate Professor
THEODORE N. ZEKMAN, Clinical Associate Professor
ROBERT R. HERBST, Clinical Assistant Professor
BURTON M. KRIMMER, Clinical Assistant Professor
DAVID B. MAHER, Clinical Assistant Professor
H. ISABELLE MCGARRY, Clinical Assistant Professor
VALDO P. OLEARI, Clinical Assistant Professor
EDWARD A. PUSHKIN, Clinical Assistant Professor
BURTON A. RUSSMAN, Clinical Assistant Professor
SAMUEL M. SCHALL, Clinical Assistant Professor
KARL J. SCHERIBEL, Clinical Assistant Professor (Rush)
MANUEL L. STILLERMAN, Clinical Assistant Professor
JOSEPH TATAR, Clinical Assistant Professor
KARL E. TICHO, Clinical Assistant Professor
MARTIN J. URIST, Clinical Assistant Professor
HOWARD L. WILDER, Clinical Assistant Professor
VERNON M. LEECH, Clinical Associate (Rush), *Emeritus*
DAVID V. L. BROWN, Clinical Associate
MICHAEL E. CARROLL, Clinical Associate
VIVIAN A. CATION, Clinical Associate
WILLIAM E. DEUTSCH, Clinical Associate
LEONA R. FORDON, Clinical Associate
ARTHUR LIGHT, Clinical Associate
JUDITH V. PERRY, Clinical Associate
BARBARA SPIRO, Clinical Associate
ALBERT E. TENNENBAUM, Clinical Associate
JACK TRESLEY, Clinical Associate
RICHARD EY, Clinical Instructor
SHERWIN A. FOX, Clinical Instructor
ERNST J. HOLLAND, Clinical Instructor
NORBERT J. NOWICKI, Clinical Instructor
PAUL S. YOCUM, JR., Clinical Instructor
MOH'D A. ASGAR, Assistant (one year from July 1, 1964)²
ARNOLD D. CURNYN, Assistant (one year from July 1, 1964)²
MARY M. DAHL, Assistant (one year from July 1, 1964) (new)²
ROSS FELDMAN, Assistant (one year from July 1, 1964) (new)²
VICTOR F. FELDMAN, Assistant (one year from July 1, 1964) (new)²
EMIL F. GRABOW, Assistant (one year from July 1, 1964)²
ARTHUR C. HURT, Assistant (one year from July 1, 1964) (new)²
ALFRED KRONTHAL, Assistant (one year from July 1, 1964)²
MICHAEL R. MCCORMICK, Assistant (one year from July 1, 1964) (new)²
ALFRED J. NADEL, Assistant (one year from July 1, 1964)²
GERALD L. PORTNEY, Assistant (one year from July 1, 1964) (new)²
LEO J. ROBERTS, Assistant (one year from July 1, 1964)²
PHILLIP I. ROSSMANN, Assistant (one year from July 1, 1964)³

GEORGE M. SPARKS, Assistant (one year from July 1, 1964) (new)²
 ANNA M. WIELAND, Assistant (one year from July 1, 1964) (new)²

Orthopaedic Surgery

FRANK G. MURPHY, Clinical Associate Professor, *Emeritus*
 CARLO S. SCUDERI, Clinical Associate Professor
 FRED SHAPIRO, Clinical Associate Professor (Rush)
 HORACE E. TURNER, Clinical Assistant Professor, *Emeritus*
 WILLIAM A. MARSHALL, Clinical Assistant Professor, *Emeritus*
 ROBERT P. MEANY, Clinical Assistant Professor
 LEO F. MILLER, Clinical Assistant Professor
 DONALD ROSS, Clinical Assistant Professor
 WILLIAM F. HEJNA, Clinical Assistant Professor
 TAWFIK Y. SABET, Research Associate
 KARL H. MUELLER, Research Associate
 JAMES P. AHSTROM, Clinical Instructor
 VIRGINIA M. BADGER, Instructor (one year from July 1, 1964)²
 RIAD BARMADA, Instructor (one year from July 1, 1964)²
 RONALD L. DEWALD, Instructor (one year from July 1, 1964)²
 KENNETH O. PETROW, Clinical Instructor
 WILLIAM A. HARK, Clinical Instructor
 ROBERT V. JOHNSON, Instructor (one year from July 1, 1964)²
 WILLIAM H. NEWMAN, Clinical Instructor
 CLIFFORD O. NYMAN, Clinical Instructor
 WALTER R. PETERSON, Clinical Instructor
 ROBERT J. ROTHMAN, Instructor (one year from July 1, 1964)²
 JULES SHAPIRO, Instructor (one year from July 1, 1964)²
 IRWIN L. BLISS, Assistant (one year from July 1, 1964) (new)²
 STANLEY D. BRANDON, Assistant (one year from July 1, 1964)²
 NASSER EFTEKHAR, Assistant (one year from July 1, 1964) (new)²
 THOMAS W. MCNEILL, Assistant (one year from July 1, 1964)²
 ALAN H. MORRIS, Assistant (one year from July 1, 1964) (new)²
 ROBERT A. STONE, Assistant (one year from July 1, 1964) (new)²

Otolaryngology

ABRAHAM R. HOLLENDER, Professor, *Emeritus*
 WALTER H. THEOBALD, Clinical Professor, *Emeritus*
 OLIVER E. VANALYEA, Clinical Professor, *Emeritus*
 ALBERT H. ANDREWS, JR., Clinical Professor of Bronchoesophagology
 STANTON A. FRIEDBERG, Clinical Professor
 G. KENNETH LEWIS, Clinical Professor
 GEORGE S. LIVINGSTON, Clinical Associate Professor, *Emeritus*
 SAMUEL M. MORWITZ, Clinical Associate Professor, *Emeritus*
 RICHARD W. WATKINS, Clinical Associate Professor, *Emeritus*
 WALTER W. DALITSCH, Clinical Associate Professor
 ROBERT B. LEWY, Clinical Associate Professor
 LINDEN J. WALLNER, Clinical Associate Professor (Rush)
 ARTHUR J. COOMBS, Clinical Assistant Professor, *Emeritus*
 HELMUT BLUMENTHAL, Clinical Assistant Professor
 EDWARD L. CHAINSKI, Clinical Assistant Professor
 DAVID O. DALE, Clinical Assistant Professor
 ELMER A. FRIEDMAN, Clinical Assistant Professor
 LOIS D. GREENE, Clinical Assistant Professor
 COLETTE JEANTET, Clinical Assistant Professor
 MARIO D. MANSUETO, Clinical Assistant Professor
 RICHARD E. MARCUS, Clinical Assistant Professor
 ARTHUR L. RATKO, Clinical Assistant Professor
 LEO A. SATZ, Clinical Assistant Professor
 LOUIS T. TENTA, Clinical Assistant Professor
 JOHN A. WEIDEMANN, Clinical Assistant Professor
 WILLIAM A. SMILEY, Clinical Associate, *Emeritus*
 I. ERLIN BARTLETT, Clinical Associate
 BRUNO BLUMKLOTZ, Clinical Associate

ROBERT H. BORKENHAGEN, Clinical Associate
 RALPH A. CASCIARO, Clinical Associate
 JOSE LUIS FERRER, Clinical Associate
 JOSEPH GYORKEY, Clinical Associate
 ANDREAS G. KODROS, Clinical Associate
 ROLAND A. KOWAL, Clinical Associate
 MILTON E. KURTH, Clinical Associate
 EDWARD A. RAZIM, Clinical Associate
 LOUIS F. SCARAMELLA, Clinical Associate
 JOYCE A. SCHILD, Clinical Associate
 KARL H. SIEDENTOP, Clinical Associate
 PIERCE W. THEOBALD, Clinical Associate
 ALAN R. KAHN, Research Associate
 ROGER A. EGGERT, Clinical Instructor
 THOMAS E. GRIFFITH, Clinical Instructor
 DINO G. MAURIZI, Clinical Instructor
 PHILLIP I. MOZER, Clinical Instructor
 ALDO C. SIRUGO, Clinical Instructor
 KURT SPRINGER, Clinical Instructor
 BLAINE L. BLOCK, Assistant (one year from July 1, 1964)²
 ROBERT EUGENE BOWERS, Assistant (one year from July 1, 1964) (new)²
 RONALD J. BLUMENFELD, Assistant (one year from July 1, 1964)²
 JOHN N. COMITO, Assistant (one year from July 1, 1964)²
 DAVID L. FAGELSON, Clinical Assistant
 JERRY E. FRIEDMAN, Assistant (one year from July 1, 1964)²
 JERROLD C. GENDLER, Assistant (one year from July 1, 1964) (new)²
 GERALD E. GUEMMER, Clinical Assistant
 KEITH HOLMES, Assistant (one year from July 1, 1964)²
 DONALD L. JEROME, Assistant (one year from July 1, 1964)²
 CHARLES RAY KARAM, Assistant (one year from July 1, 1964) (new)²
 HAROLD I. LAKER, Assistant (one year from July 1, 1964)²
 DANIEL M. MADIGAN, JR., Assistant (one year from July 1, 1964) (new)²
 FRANKLIN S. MASSARI, Assistant (one year from July 1, 1964)²
 JOHN M. MILLS, Assistant (one year from July 1, 1964) (new)²
 FLORIAN R. NYKIEL, Assistant (one year from July 1, 1964)²
 S. BRUCE MER, Assistant (one year from July 1, 1964)²
 HENRY RABINOWITZ, Assistant (one year from July 1, 1964) (new)²
 MARK N. SABERMAN, Assistant (one year from July 1, 1964) (new)²
 MEDNEY EUGENE TARDY, Assistant (one year from July 1, 1964) (new)²
 WILBERT G. THIELEMAN, Assistant (one year from July 1, 1964) (new)²
 ROBERT J. TOOHILL, Assistant (one year from July 1, 1964)²
 JOHN D. VAN NUYS, Clinical Assistant
 DAVID M. WINEINGER, Assistant (one year from July 1, 1964) (new)²

Pathology

CHARLES E. CAHN-BRONNER, Professorial Lecturer, *Emeritus*
 GEORGE M. HASS, Professor
 MARTIN A. SWERDLOW, Clinical Professor
 JERRY J. KEARNS, Clinical Associate Professor, *Emeritus*
 FREDERIC C. BAUER, JR., Clinical Associate Professor
 HAROLD A. GRIMM, Clinical Associate Professor
 COYE C. MASON, Clinical Associate Professor
 JAMES R. THOMPSON, Clinical Associate Professor
 JOHN P. AYER, Associate Professor (DY)
 GRANT C. JOHNSON, Clinical Associate Professor (DY)
 JONAS VALAITIS, Clinical Associate Professor (DY)
 ROBERT W. ALEXANDER, Assistant Professor
 RAYMOND A. CLASEN, Assistant Professor
 REUBEN EISENSTEIN, Assistant Professor
 JOSEPH C. ERWIN, Clinical Assistant Professor
 WERNER R. FLEISCHER, Clinical Assistant Professor
 JAMES E. HABEGGER, Clinical Assistant Professor
 VICTOR R. JABLOKOW, Clinical Assistant Professor

ALBERT W. SCHWEITZER, Clinical Assistant Professor
 FRIEDERICH A. O. ECKNER, Lecturer
 FRANZ E. HIRSCH, Lecturer
 LESTER S. KING, Lecturer (DY)
 MAURICE LEV, Lecturer
 JOHN E. MALONEY, Clinical Associate
 GUSTAVE GYORI, Clinical Instructor
 FRANCISCO S. HERNANDEZ, Instructor (one year from July 1, 1964)²
 JOSEPH J. HOSEK, Clinical Instructor
 JOSE R. MANALIGOD, Instructor (one year from July 1, 1964)²
 MARILYN J. O'BRIEN, Clinical Instructor
 BERNARD PEISON, Clinical Instructor
 JAMES C. PRITCHARD, Clinical Instructor
 MOHSEN SHAKERIN, Instructor (one year from July 1, 1964)³
 ROGER D. SMITH, Instructor (one year from July 1, 1964)³
 HECTOR A. BATTIFORA, Instructor³
 JAMES T. BOLAN, Instructor (one year from July 1, 1964)³
 JAMES A. SURVIS, Clinical Instructor
 CHAROEN SUWANWILAI, Instructor (one year from July 1, 1964)²
 MALCOLM V. VYE, Instructor (one year from July 1, 1964)³
 PHILIP S. COOGAN, Assistant (one year from July 1, 1964)³
 JOHN R. DAINAUSKAS, Assistant (one year from July 1, 1964)³
 DONALD E. HENSON, Assistant (one year from July 1, 1964) (new)³
 JAMES T. PALOUCZEK, Assistant (one year from July 1, 1964) (new)³
 CLAUDIO TORRES, Assistant (one year from July 1, 1964) (new)²

Pediatrics

ALFRED D. BIGGS, Clinical Professor, *Emeritus*
 CRAIG D. BUTLER, Clinical Professor (Rush), *Emeritus*
 HUGH McCULLOCH, Lecturer with rank of Professor, *Emeritus*
 JOSEPH GREENGARD, Clinical Professor
 C. JACK HARRISON, Clinical Professor (Rush)
 SAMUEL J. HOFFMAN, Clinical Professor
 JOSEPH R. CHRISTIAN, Professor
 HERBERT J. GROSSMAN, Professor
 NOEL G. SHAW, Clinical Professor (Rush)
 CHARLES K. STULIK, Clinical Associate Professor (Rush), *Emeritus*
 LAWRENCE BRESLOW, Clinical Associate Professor
 WARREN R. DAMMERS, Clinical Associate Professor
 LOUIS J. HALPERN, Clinical Associate Professor
 HARRY LEICHENGER, Clinical Associate Professor
 MATTHEW M. LEWISON, Clinical Associate Professor (Rush)
 DANIEL J. PACHMAN, Clinical Associate Professor
 IRVING B. RICHTER, Clinical Associate Professor
 NORMAN T. WELFORD, Clinical Associate Professor (Rush)
 DOROTHY H. WELKER, Clinical Associate Professor
 HARRY D. MOSIER, Associate Professor (DY)
 JEANNETTE SCHULZ, Associate Professor (DY)
 WOODRUFF L. CRAWFORD, Clinical Assistant Professor, *Emeritus*
 SAMUEL H. BARRON, Clinical Assistant Professor
 H. GUNTHER BUCHELERES, Clinical Assistant Professor
 MARIANNE P. BUDZEKA, Clinical Assistant Professor
 ANDRE CHABOT, Clinical Assistant Professor
 E. H. CHRISTOPHERSON, Clinical Assistant Professor
 VERNON R. DEYOUNG, Clinical Assistant Professor
 JOHN B. HALL, Clinical Assistant Professor
 HELEN HAYDEN, Clinical Assistant Professor
 JOHN S. HYDE, Clinical Assistant Professor
 MILDRED R. JACKSON, Clinical Assistant Professor
 HARVEY KRAVITZ, Clinical Assistant Professor
 MELVIN A. KRUGLY, Clinical Assistant Professor
 HERMAN B. LANDER, Clinical Assistant Professor
 BESSIE L. LENDRUM, Clinical Assistant Professor

MICHAEL A. LIMOSANI, Clinical Assistant Professor
 RONALD B. MACK, Clinical Assistant Professor
 HARRY T. NAGEL, Clinical Assistant Professor
 BRUCE B. NEWMAN, Clinical Assistant Professor
 HOMER S. PARKER, Clinical Assistant Professor
 MILDRED J. POLNIASZEK, Clinical Assistant Professor
 KLARA JUDITH PREC, Clinical Assistant Professor
 MARTIN SACKS, Clinical Assistant Professor
 IRENE SHMIGELSKY, Clinical Assistant Professor
 CHARLES E. STEPAN, Clinical Assistant Professor
 CHARLES L. SWARTZ, Clinical Assistant Professor
 SAMUEL THOMAS, Clinical Assistant Professor
 A. A. WOLF, Clinical Assistant Professor
 BERNARD WEISSKOPF, Assistant Professor (new)
 JAMES C. WRIGHT, JR., Assistant Professor (new)
 BOHDAN S. CELEWYCZ, Clinical Instructor
 JULIA YU CHAO, Clinical Instructor
 DANIEL G. CUNNINGHAM, Clinical Instructor
 MEL W. FEINBERG, Clinical Instructor
 EDWARD K. ISAACSON, Clinical Instructor
 CLAY H. JONES, JR., Clinical Instructor
 DOLORES E. KNOBLOCK, Clinical Instructor
 ELIZABETH KELLER, Clinical Instructor
 VICTOR M. LoPRIORE, Clinical Instructor
 SILVIO D. MORALES, Clinical Instructor
 KENNETH S. NOLAN, Clinical Instructor
 JOHN WILLIAM O'SHEA, Clinical Instructor
 STEPHEN PAWLYNSKYJ, Clinical Instructor
 ISIDRO PEREZ, Clinical Instructor
 ARNOLD A. SHKOLNIK, Clinical Instructor
 PHILIP L. WACHTEL, Clinical Instructor
 SYLVIA A. BARTOS, Assistant (one year from July 1, 1964) (new)²
 MUNIR FARIZ BISHARA, Assistant (one year from July 1, 1964) (new)²
 JOSEPH M. CULLEN, Assistant (one year from July 1, 1964)³
 MANUEL A. FERNANDEZ, Assistant (one year from July 1, 1964)²
 JOHN L. HAMER, Assistant (one year from July 1, 1964)
 LEO M. HENIKOFF, Assistant (one year from July 1, 1964) (new)³
 ERNESTO P. NAMIN, Clinical Assistant
 ADOLFO A. PEREZ, Assistant (one year from July 1, 1964)³
 SHARON R. SIEGEL, Assistant (one year from July 1, 1964) (new)²
 RONALD L. VAN DER HORST, Assistant (new)
 ROSEANNE VITULLO, Assistant (one year from July 1, 1964)³
 JAW JIANG WANG, Assistant (one year from July 1, 1964) (new)²
 SAMCHAO YINGVORAPANT, Assistant (one year from July 1, 1964)²

Pharmacology

CHESTER J. CAVALLITO, Lecturer
 VICTOR A. DRILL, Lecturer
 HARRIS ISBELL, Lecturer

Physical Medicine and Rehabilitation

H. WORLEY KENDALL, Clinical Professor
 RUEBEN R. WASSERMAN, Clinical Professor
 KATE H. KOHN, Clinical Associate Professor (DY)
 DANUTA JANUSZKO, Clinical Instructor
 ROMAN S. ORYSHKEVICH, Clinical Instructor

Physiology

HAROLD E. HIMWICH, Lecturer
 CHESTER W. DARROW, Associate Professor, *Emeritus*

Preventive Medicine

THOMAS G. HULL, Lecturer with rank of Associate Professor, *Emeritus*
 JERMYN F. MCCAHAN, Clinical Associate Professor

HAROLD W. SPIES, Clinical Associate Professor
SAMUEL L. ANDELMAN, Clinical Associate Professor (DY)
JOYCE C. LASHOF, Associate Professor (DY) (on leave of absence for one year)
BENJAMIN M. HAIR, Clinical Assistant Professor
ROBERT F. LOCKE, Clinical Assistant Professor
HAROLD STEINBERG, Clinical Assistant Professor
JANET M. WOLTER, Clinical Assistant Professor
LOUIS DEBOER, Lecturer (new)
WILLIAM I. METZGER, Research Associate
PAUL W. TILLMAN, Clinical Associate
ERNEST B. WILLIAMS, Clinical Associate
QUENTIN D. YOUNG, Clinical Associate
AGNES D. L. GOSS, Clinical Instructor

Psychiatry

ROY R. GRINKER, Clinical Professor
PAUL E. NIELSON, Professor
VLADIMIR G. URSE, Clinical Professor
JACK WEINBERG, Clinical Professor
HARRY R. HOFFMAN, Clinical Associate Professor (Rush), *Emeritus*
WILLIAM H. HAINES, Clinical Associate Professor
DONALD A. R. MORRISON, Clinical Associate Professor
ALAN K. ROSENWALD, Associate Professor of Psychology
STEPHEN L. SHERWOOD, Clinical Associate Professor of Neurophysiology
ALFRED P. SOLOMON, Clinical Associate Professor
ANNE BENJAMIN, Clinical Associate Professor (DY)
LOUIS HALPERIN, Clinical Associate Professor (DY)
JOHN W. HANNI, Clinical Associate Professor (DY)
NOEL S. JENKIN, Associate Professor of Psychology (DY)
MAURICE KAPLAN, Clinical Associate Professor (DY)
ROBERT G. McMILLAN, Clinical Associate Professor (DY)
ALAN M. ROBERTSON, Clinical Associate Professor (DY)
RAYMOND E. ROBERTSON, Clinical Associate Professor (DY)
MORRIS M. ROSENTHAL, Clinical Associate Professor (DY)
LESTER RUDY, Clinical Associate Professor (DY)
W. DAVID STEED, Clinical Associate Professor (DY)
DONOVAN G. WRIGHT, Clinical Associate Professor (DY)
JACOB PASKIND, Clinical Assistant Professor, *Emeritus*
CHARLOTTE H. ALTMAN, Assistant Professor of Psychology
SOL ALTSCHUL, Clinical Assistant Professor
CLARESA M. ARMSTRONG, Clinical Assistant Professor
BERNARD M. ARONOV, Assistant Professor of Psychology
HOWARD G. ARONSON, Clinical Assistant Professor
E. ELIOT BENEZRA, Clinical Assistant Professor
HASKELL E. BERNSTEIN, Clinical Assistant Professor
LEON BERNSTEIN, Clinical Assistant Professor
RICHARD BOLIN, Clinical Assistant Professor
DAVID D. BROCKMAN, Clinical Assistant Professor
JAMES A. BUETTNER, Clinical Assistant Professor
DAVID I. CHEIFETZ, Assistant Professor of Psychology
PAULINE M. COOKE, Clinical Assistant Professor
ALBERTO DE LA TORRE, Clinical Assistant Professor
PIETER DeVRIJER, Clinical Assistant Professor
PAUL DOLINKO, Assistant Professor of Psychology
ROBERT C. DRYE, Clinical Assistant Professor
DANUTA EHRLICH, Assistant Professor of Psychology
SYDNEY B. EISEN, Clinical Assistant Professor
ARTHUR S. ELSTEIN, Assistant Professor of Psychology
FRANK F. EVANS, Clinical Assistant Professor
EDWARD FUTTERMAN, Assistant Professor
DAVID C. GARRON, Assistant Professor of Psychology
HAROLD A. GREENBERG, Clinical Assistant Professor
BERNARD L. GREENE, Clinical Assistant Professor

DAVID P. GROSS, Clinical Assistant Professor
MORTIMER D. GROSS, Clinical Assistant Professor
FREDERICK V. GWYER, Clinical Assistant Professor
JOHN E. HALASZ, Clinical Assistant Professor
DAVID S. HARMAN, Clinical Assistant Professor
IRVING D. HARRIS, Clinical Assistant Professor
ELSIE L. HAUG, Clinical Assistant Professor
JAY G. HIRSCH, Clinical Assistant Professor
KENNETH I. HOWARD, Assistant Professor of Psychology
PATRICK ISRAEL, Clinical Assistant Professor
LOUIS JENSEN, Clinical Assistant Professor
SHEPPARD G. KELLAM, Assistant Professor
LARRY C. KERPELMAN, Assistant Professor of Psychology
GEORGE H. KLUMPNER, Clinical Assistant Professor
RICHARD C. KOENIG, Clinical Assistant Professor
ROBERT H. KOFF, Clinical Assistant Professor
CHARLES H. KRAMER, Clinical Assistant Professor
GUSTAVO LAGE, Clinical Assistant Professor
ELISE E. LESSING, Assistant Professor of Psychology
DAVID LEVITIN, Clinical Assistant Professor
BERNARD I. LIFSON, Clinical Assistant Professor
JOAN LONGINI, Clinical Assistant Professor
NORMA MASON, Clinical Assistant Professor
WARREN G. MCPHERSON, Clinical Assistant Professor
VICTOR MINTEK, Clinical Assistant Professor
EVAN G. MOORE, Clinical Assistant Professor
CHARLES MYRAN, Clinical Assistant Professor
JOSEPH G. NEMECEK, Clinical Assistant Professor
ARTHUR H. NORTON, Clinical Assistant Professor
MELVIN D. NUDELMAN, Clinical Assistant Professor
DONALD OKEN, Clinical Assistant Professor
FRANCES C. PERCE, Assistant Professor of Psychology
GEORGE L. PERKINS, Clinical Assistant Professor
ROBERT H. POLLACK, Assistant Professor of Psychology
KLARA G. RANKY, Clinical Assistant Professor
BARBARA S. ROCAH, Clinical Assistant Professor
DAVID L. ROSENBERG, Clinical Assistant Professor
HENRY L. RUEHR, Clinical Assistant Professor
ARTHUR SABLE, Clinical Assistant Professor
SHELDON K. SCHIFF, Assistant Professor
DONALD D. SCHWARTZ, Clinical Assistant Professor
MARVIN SCHWARZ, Clinical Assistant Professor
HARRY M. SEGENREICH, Clinical Assistant Professor
CHARLES H. SHAILOVA, Clinical Assistant Professor
JEANNE SPURLOCK, Clinical Assistant Professor
ALVIN SUSLICK, Clinical Assistant Professor
THOMAS T. TOURLENTES, Clinical Assistant Professor
DONALD TUOMI, Assistant Professor of Physical Chemistry
SAMUEL A. VICTOR, Clinical Assistant Professor
WILLIAM WEISDORF, Clinical Assistant Professor
KARL L. WILLRICH, Assistant Professor
MARVIN ZIPORYN, Clinical Assistant Professor
MARJORIE C. BARNETT, Clinical Instructor
ERIC G. BRUNNGRABER, Instructor in Biochemistry
DAVID W. BUCK, Clinical Instructor
CLARA M. BUTTERWORTH, Instructor in Psychology
JOSÉ M. CASTILLO, Instructor
MARVIN FREEDMAN, Clinical Instructor
ALVAN R. GENDEIN, Clinical Instructor
JEROME I. KATZ, Clinical Instructor
LEO V. KEMPTON, Clinical Instructor
HOWARD J. KLAPMAN, Clinical Instructor
ARTHUR KLING, Clinical Instructor

DAVID A. MARCUS, Clinical Instructor
ANA MARQUINEZ, Clinical Instructor
RAYMOND N. MILLER, Clinical Instructor
ROBERT E. NYQUIST, Clinical Instructor
SARAH R. PESKIND, Instructor in Psychology
LEONARD RACK, Clinical Instructor
DONALD A. ROSS, Instructor in Psychology
RICHARD K. SASKILL, Clinical Instructor
ALEXANDER T. SMITH, Clinical Instructor
ARLENE J. SMITH, Clinical Instructor
MORTON S. TABIN, Clinical Instructor
JOHN D. VAN PELT, Instructor in Psychology
DAGA M. WIED, Clinical Instructor
ROBERT I. YUFIT, Instructor in Psychology
ORESTE ZALIS, Clinical Instructor
ATA A. ABDEL-LATIF, Research Associate
GERSHON B. BERKSON, Research Associate
AMBIKA J. TOLANI, Research Associate
HORMOZ AMJADI, Assistant²
ARIEL DAVID, Assistant²
ROBERT A. DEVITO, Research Assistant
DOROTHY KUHL, Assistant²
JOHN LOCKHART, Assistant²
ARTHUR R. SCHRAMM, Assistant²

Public Health

EDWARD A. PISZCZEK, Clinical Associate Professor
HERBERT K. ABRAMS, Clinical Assistant Professor
CLARENCE W. KLASSEN, Assistant Professor
HERBERT E. MCDANIELS, Assistant Professor
KENNETH M. MORSE, Lecturer
W. FRANKLIN DOVE, Research Associate

Radiology

JOHN W. CLARK, Professor
FAY H. SQUIRE, Professor (Rush)
DAVID S. BEILIN, Clinical Associate Professor, *Emeritus*
RICHARD E. BUENGER, Associate Professor
FRANK R. HENDRICKSON, Associate Professor (DY)
SAMUEL A. LEADER, Clinical Associate Professor
ISRAEL E. KIRSH, Associate Professor (DY)
FRANKLIN S. ALCORN, Assistant Professor
MAURICE L. BOGDONOFF, Assistant Professor
BENJAMIN D. BRAUN, Clinical Assistant Professor
JULIUS HEYDEMANN, Clinical Assistant Professor
GEORGE G. HIBBS, Assistant Professor
BILLY JAY HILL, Assistant Professor
FRANK L. HUSSEY, Clinical Assistant Professor
JACQUES OVADIA, Clinical Assistant Professor
PAUL B. SAVORY, Assistant Professor
ENRIQUE SCHWARZ, Clinical Assistant Professor
LAWRENCE D. SCOTT, Assistant Professor
EUGENE K. BORCHART, Clinical Instructor
ROBERT R. HART, Instructor
GUY R. MATTHEW, Instructor
RICHARD L. PHILLIPS, Instructor²
JAMES M. STRUBBE, Instructor
RICHARD P. TAYLOR, Instructor²
HAROLD N. WALGREN, Instructor²
ANTHONY CHUNG-BIN, Assistant
WARREN DOANE, Assistant²
HEKMATOLLAH EILIAN, Assistant²
HOWARD I. LOPATA, Assistant²

SHELLEY H. NASATIR, Assistant²
VICTOR N. TSALOFF, Assistant¹
ARTHUR B. WAGMAN, Assistant²

Surgery

HILLIER L. BAKER, Clinical Professor (Rush), *Emeritus*
EDWIN M. MILLER, Clinical Professor (Rush), *Emeritus*
OSCAR E. NADEAU, Clinical Professor, *Emeritus*
FRANCIS H. STRAUS, Clinical Professor (Rush), *Emeritus*
EDWARD J. BEATTIE, JR., Professor
WILLIAM S. DYE, JR., Clinical Professor
EGBERT H. FELL, Clinical Professor (Rush)
RICHARD K. GILCHRIST, Clinical Professor (Rush)
PAUL W. GREELEY, Clinical Professor
CHESTER C. GUY, Clinical Professor
HIRAM T. LANGSTON, Clinical Professor
FOSTER L. McMILLAN, Clinical Professor
JOHN H. OLWIN, Clinical Professor (Rush)
HARRY W. SOUTHWICK, Clinical Professor
PHILIP THOREK, Clinical Professor
WILLIAM H. HAZLETT, Clinical Associate Professor, *Emeritus*
JOHN D. KOUCKY, Clinical Associate Professor, *Emeritus*
WILL F. LYON, Clinical Associate Professor, *Emeritus*
RUDOLPH J. E. ODEN, Associate Professor, *Emeritus*
MORRIS L. PARKER, Clinical Associate Professor, *Emeritus*
LOUIS W. SCHULTZ, Clinical Associate Professor of Oral Surgery, *Emeritus*
CARL B. DAVIS, JR., Clinical Associate Professor
FREDERIC A. DEPEYSTER, Clinical Associate Professor
WILLIS G. DIFFENBAUGH, Clinical Associate Professor
ARTHUR E. DIGGS, Clinical Associate Professor (Rush), *Emeritus*
STEVEN G. ECONOMOU, Clinical Associate Professor
EARL GARSIDE, Clinical Associate Professor
BURTON C. KILBOURNE, Clinical Associate Professor
STANLEY E. LAWTON, Clinical Associate Professor (Rush)
CLARENCE MONROE, Clinical Associate Professor (Rush)
RUDOLPH G. MRAZEK, JR., Clinical Associate Professor
LINDON SEED, Clinical Associate Professor
EVERETT L. STROHL, Clinical Associate Professor
FRANK V. THEIS, Clinical Associate Professor (Rush)
CHARLES D. BRANCH, Clinical Associate Professor (DY)
WILLIAM J. GILLESBY, Clinical Associate Professor (DY)
WILLIAM H. HARRIDGE, Clinical Associate Professor (DY)
JOHANNES L. KOPPEL, Research Associate Professor of Biochemistry (DY)
GEORGE A. OLANDER, Clinical Associate Professor (DY)
JOHN R. ORNDORFF, Clinical Associate Professor (DY)
MILTON WEINBERG, JR., Clinical Associate Professor (DY)
CARL O. ALMQUIST, Clinical Assistant Professor, *Emeritus*
RAYMOND E. ANDERSON, Clinical Assistant Professor
C. DAVID BROWN, Clinical Assistant Professor
ROBERT G. CANHAM, Clinical Assistant Professor
JOSEPH P. CANNON, Clinical Assistant Professor
EDMOND RAY COLE, Research Assistant Professor of Biochemistry
JAMES H. CROSS, Clinical Assistant Professor
GEORGE OLIVIER DE TARNOWSKY, Clinical Assistant Professor
WARD H. EASTMAN, Clinical Assistant Professor
JOHN W. FRISCH, Clinical Assistant Professor
MELVIN I. GIBBEL, Clinical Assistant Professor
GORDON H. GLASSFORD, Clinical Assistant Professor
RAYMOND GREEN, Clinical Assistant Professor
VERNON L. GUYNN, Clinical Assistant Professor
RONALD G. HALEY, Clinical Assistant Professor
SAMUEL L. HAMILTON, Clinical Assistant Professor
RUSSELL C. HANSELMAN, Clinical Assistant Professor

HARRY G. HARDT, JR., Clinical Assistant Professor
ROBERT A. HESS, Clinical Assistant Professor
VERNON Z. HUTCHINGS, Clinical Assistant Professor
CARL IRENEUS, JR., Clinical Assistant Professor
ROBERT W. JAMIESON, Clinical Assistant Professor
FRANK R. JOHNSON, Clinical Assistant Professor
GEORGE D. KAISER, Clinical Assistant Professor
ANDREW KIRSTEINS, Clinical Assistant Professor
FRANCES E. KNOCK, Clinical Assistant Professor
WILLIAM E. LOOBY, Clinical Assistant Professor
CHAFICK N. MANSOUR, Clinical Assistant Professor
KENNETH L. MATSON, Clinical Assistant Professor
HAROLD I. MEYER, Clinical Assistant Professor
WILLIAM E. NEVILLE, Clinical Assistant Professor
ROBERT J. OVERSTREET, Clinical Assistant Professor
HAROLD A. PAUL, Clinical Assistant Professor
MARTIN PEPPER, Clinical Assistant Professor
JOHN H. PRIBBLE, Clinical Assistant Professor
THOMAS SELLETT, Clinical Assistant Professor
PHILIP SHAMBAUGH, Clinical Assistant Professor
WILLIAM D. SHOREY, Clinical Assistant Professor
ROBERT F. STOKES, Clinical Assistant Professor
MILAN M. WASICK, Clinical Assistant Professor
CARL Y. WERELIUS, Clinical Assistant Professor
ROBERT B. WHITE, Clinical Assistant Professor
MICHAEL F. WITANOWSKI, Clinical Assistant Professor
LEON J. WITKOWSKI, Clinical Assistant Professor
HILGER P. JENKINS, Lecturer
JEROME E. ABRAHAMS, Clinical Instructor
WALTER L. BARKER, Clinical Instructor
EUGENE A. BROCCOLO, Clinical Instructor
RICHARD G. CALDWELL, Instructor (one year from July 1, 1964)³
NOBLE CORRELL, Clinical Instructor
EDWARD A. DAINKO, Instructor (one year from July 1, 1964)³
JAYANTILAL M. DESAI, Instructor (one year from July 1, 1964) (new)³
JAY D. ELLENBY, Instructor (one year from July 1, 1964)³
L. PENFIELD FABER, Clinical Instructor
ERNEST M. FEILER, Clinical Instructor
GLENN W. FISCUS, Clinical Instructor
ANDRES GABEL, Clinical Instructor
ROBERT P. GORDON, JR., Instructor (one year from July 1, 1964)³
ALLAN L. GRAHAM, Instructor (one year from July 1, 1964)²
JOSEPH F. HINKAMP, Clinical Instructor
JOHANNES M. L. JENSEN, Clinical Instructor
JOHN M. KENWELL, Clinical Instructor
OSCAR S. LENIT, JR., Clinical Instructor
HARVEY J. LEVIN, JR., Instructor (one year from July 1, 1964)³
DAVID R. LEWIS, Clinical Instructor
ROBERT O. LEWIS, Clinical Instructor
JOSEPH R. McANDREW, Clinical Instructor
LARRY O. McKNELLY, Instructor (one year from July 1, 1964)²
RANDALL E. McNALLY, Clinical Instructor
ROBERT J. MAGANINI, Clinical Instructor
ROGER L. MEHL, Instructor (one year from July 1, 1964)³
A. GILMAN MIDDLETON, Instructor (one year from July 1, 1964)³
JOHN J. MINSTER, Instructor (one year from July 1, 1964)²
PETER NENNHAUS, Instructor (one year from July 1, 1964) (new)³
PARVIZ PARSIA, Instructor (one year from July 1, 1964)³
ALCEU L. S. PEDREIRA, Instructor (one year from July 1, 1964)³
EDGAR R. PICKEN, Clinical Instructor
MORRIS M. PROFFITT, Clinical Instructor
JOHN G. RAFFENSPERGER, Clinical Instructor
OLIVER V. RENAUD, Clinical Instructor

MARCELINO REYSIO-CRUZ, JR., Instructor (one year from July 1, 1964) (new)³
 RUDOLPH W. ROESEL, Clinical Instructor
 ETHAN B. RUBEN, Instructor (one year from July 1, 1964)³
 JAMES A. SANDROLINI, Instructor (one year from July 1, 1964)³
 WENDELL H. SCHMIDTKE, Clinical Instructor
 RICHARD C. SCHULTZ, Clinical Instructor
 JOHN M. SOMERNDIKE, JR., Instructor (one year from July 1, 1964)²
 E. WILSON STAUB, Instructor (one year from July 1, 1964)³
 WAYNE M. SWENSON, Instructor (one year from July 1, 1964)³
 ARNOLD B. SWERDLOW, Clinical Instructor
 RICHARD A. TARIZZO, Clinical Instructor
 THEODORE R. TENCZAR, Clinical Instructor
 ROSTAM G. ARDEKANI, Assistant (one year from July 1, 1964) (new)³
 KARL F. BADER, JR., Assistant (one year from July 1, 1964)³
 MARK F. BLUM, Assistant (one year from July 1, 1964)²
 THOMAS A. BROWN, Assistant (one year from July 1, 1964) (new)³
 ROBERT S. CALLAGHAN, Assistant (one year from July 1, 1964)³
 J. ANTHONY BROWN, Assistant (one year from July 1, 1964)²
 THOMAS E. CRONIN, Assistant (one year from July 1, 1964)³
 CARL H. DIETERLE, Assistant (one year from July 1, 1964) (new)³
 ALEXANDER DOOLAS, Assistant (one year from July 1, 1964)³
 ARDEAN J. EDIGER, Assistant (one year from July 1, 1964)²
 JAMES H. FREEL, Assistant (one year from July 1, 1964)³
 ELLIOT G. GOLDIN, Assistant (one year from July 1, 1964)²
 LARRY CHARLES GUNN, Assistant (one year from July 1, 1964) (new)²
 JOHN T. HASSINGER, Assistant (one year from July 1, 1964) (new)³
 JOHN W. HENGESH, Assistant (one year from July 1, 1964)²
 WILLIAM R. JEWELL, Assistant (one year from July 1, 1964)²
 WILLIAM T. JOHNSTONE, Assistant (on leave of absence for military service)
 (one year from July 1, 1964)
 MICHAEL LEE LEVIN, Assistant (one year from July 1, 1964) (new)²
 WARREN L. LOWRY, Assistant (on leave of absence for military service) (one
 year from July 1, 1964)
 RICHARD C. NAGLE, Assistant (one year from July 1, 1964) (new)³
 MARC A. POMERANTZ, Assistant (one year from July 1, 1964) (new)³
 DAVID LEIFF ROSEMAN, Assistant (one year from July 1, 1964) (new)³
 DONALD E. SAMPSON, Assistant (one year from July 1, 1964) (new)³
 BURTON STEARN, Assistant (one year from July 1, 1964) (new)³
 OSMAR P. STEINWALD, JR., Assistant (one year from July 1, 1964)³
 CHARLES D. TAYLOR, Assistant (one year from July 1, 1964) (new)³
 JAMES R. WALTZ, Assistant (one year from July 1, 1964)²
 JEHOOM YANG, Assistant (one year from July 1, 1964)³
 KARAMUT CHOUDHRY, Assistant (one year from July 1, 1964) (new)³
 MARSHALL D. GOLDIN, Assistant (one year from July 1, 1964) (new)³
 JONATHAN H. HORNE, Assistant (one year from July 1, 1964) (new)³
 BORZOO NADJMI, Assistant (one year from July 1, 1964) (new)³
 H. GRADY SELLARDS, JR., Assistant (one year from July 1, 1964) (new)³

Division of Urology

NORRIS J. HECKEL, Clinical Professor (Rush)
 EDWIN C. GRAF, Clinical Associate Professor
 JAMES W. MERRICKS, JR., Clinical Associate Professor (Rush)
 FREDERICK W. SCHACHT, Clinical Associate Professor (DY)
 GEORGE O. BAUMRUCKER, Clinical Assistant Professor
 JOSEPH S. DRABANSKI, Clinical Assistant Professor
 R. ROSS HAEGER, Clinical Assistant Professor
 WILLARD C. MEYER, Clinical Assistant Professor
 FRANK B. PAPIERNIAK, Clinical Assistant Professor
 COLQUITT O. RITCH, Clinical Assistant Professor
 CARL D. BERRY, JR., Clinical Instructor
 JAMES A. CALAMS, Clinical Instructor
 DANIEL H. CALLAHAN, Clinical Instructor
 THOMAS L. C. COTTRELL, Clinical Instructor

ROBERT E. DAHMS, Clinical Instructor
 ENGIN DENIZ, Clinical Instructor
 ALFONSO DIAZ, Clinical Instructor
 CHARLES F. MCKIEL, JR., Clinical Instructor
 KENNETH H. SIMPSON, Clinical Instructor
 GARY A. STOREY, Instructor (one year from July 1, 1964)³
 JAMES C. VALENTA, Clinical Instructor
 CYRIL C. WIGGISHOFF, Clinical Instructor
 JOHN A. KOZAK, Assistant (one year from July 1, 1964)²
 ERNEST A. NOREHAD, Assistant (one year from July 1, 1964)¹
 WILFRED E. WATKINS, Assistant (one year from July 1, 1964)²

Division of Anesthesiology

ERNEST T. MORCH, Clinical Professor
 PAUL W. SEARLES, Clinical Professor
 MARY M. LYONS, Clinical Associate Professor (Rush), *Emerita*
 MYRON J. LEVIN, Clinical Associate Professor (DY)
 JOHN L. SCHMIDT, Clinical Associate Professor (DY)
 HERBERT E. NATOF, Clinical Assistant Professor
 JOSEPH E. REMLINGER, Clinical Assistant Professor
 ARTHUR T. SHIMA, Clinical Assistant Professor
 VERNON E. WALLACE, Clinical Assistant Professor
 HERSHELL L. KEELING, Clinical Associate
 THOMAS L. ASHCRAFT, Clinical Instructor
 HOWARD H. BERLIN, Clinical Instructor
 CARLETON E. DANGREMOND, Clinical Instructor
 GWEN GLEAVE, Clinical Instructor
 NORMA BOONE GOLDBERG, Clinical Instructor
 EILEEN HECKEL, Clinical Instructor
 DAVID KATZ, Clinical Instructor
 YAROSLAV T. KOKORUDZ, Clinical Instructor
 WILLIAM R. MELBY, Clinical Instructor
 STANKA K. PAPRIKOFF, Clinical Instructor
 RAYMOND F. ROSE, Clinical Instructor
 LESTER SCHWARTZ, Clinical Instructor
 MORTON SHULMAN, Clinical Instructor
 ASTRIDA I. SILINS, Clinical Instructor
 JACK SOLWAY, Clinical Instructor
 VINCENZO TRAINA, Clinical Instructor
 DAN A. VALENTI, Clinical Instructor
 RASMA V. VITRINGS, Clinical Instructor
 RAYMOND ZBICK, Clinical Instructor
 FELICISIMO N. BUENAFE, Assistant (one year from July 1, 1964)²
 MIRASOL M. DALAY, Assistant (one year from July 1, 1964) (new)³
 ROLAND W. DEYOUNG, Assistant (one year from July 1, 1964)³
 ALBERTO L. FLEITES, Assistant (one year from July 1, 1964)²
 TERESITA V. FRIAS, Assistant (one year from July 1, 1964) (new)³
 DOMINADOR F. LLAMAS, Assistant (one year from July 1, 1964) (new)³
 RAFAEL MACHADO, Assistant (one year from July 1, 1964)²
 ANTONIO M. NOVO, Assistant (one year from July 1, 1964)³
 NAN-SUNG CHU, Assistant (one year from July 1, 1964) (new)³
 CYRUS PIRNAZAR, Assistant (one year from July 1, 1964)²
 MANUEL V. RODRIGUEZ, Assistant (one year from July 1, 1964)²
 MING-HWA SUN, Assistant (one year from July 1, 1964) (new)³
 EMMA C. TING, Assistant (one year from July 1, 1964)³
 CHARLES H. WILLIAMS, Assistant (on leave of absence for military service)
 WILLIAM E. WOLF, Assistant (one year from July 1, 1964)²
 SOOK KYUNG YOO, Assistant (one year from July 1, 1964) (new)²
 O. EUGENIJA ZUKAUSKAS, Assistant (one year from July 1, 1964)²
 NATY S. CHAN-YU, Assistant (one year from July 1, 1964) (new)³

OPTION IN GRAPHIC DESIGN

(9) The Executive Vice-President and Provost's Office has approved a recommendation from the Dean of the College of Fine and Applied Arts for a change

in the title of the option in "Advertising Design" to "Graphic Design," and that the courses offered also be renamed.

This change is reported for the information of the Board and no action is required.

This report was received for record.

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(10) The Executive Vice-President and Provost and the Vice-President and Comptroller recommend the following appropriations from the University General Reserve:

Urbana-Champaign

Physical Plant Department, remodeling at 1207 West Oregon Street for the School of Social Work, the Russian and Asian Area Studies Programs, and the Comparative Area Studies Group \$ 9 935 00

Chicago Undergraduate Division

Computer Program, IBM Model 1620/1311 digital computer..... 55 593 23

Total..... \$65 528 23

I concur.

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

REAPPROPRIATION OF UNEXPENDED BALANCES

(11) The Vice-President and Comptroller recommends that the following balances and overdrafts in budget appropriations June 30, 1964, be carried forward for the fiscal year beginning July 1, 1964, in accordance with usual policy.

I concur.

Urbana-Champaign

General administration and expense.....	\$ 75 407		
Executive Vice-President and Provost, universities and regional economic growth.....	\$ 410		
Executive Vice-President and Provost, university film council.....	87		
Executive Vice-President and Provost, instructional television in other departments.....	10 894		
Legal Counsel, special legal services.....	215		
Alumni Records edit.....	6 396	18 002	\$93 409
Agriculture.....			89 477
Commerce and Business Administration.....			12 681
Commerce and Business Administration.....			12 681
Education.....			10 814
Engineering.....		20 890	
Engineering technology curriculum committee..	18 664		
Lake city technical need study.....	2 560		
Technician need study.....	4 455	25 679	46 569
Fine and Applied Arts.....			25 054
Graduate College.....			38 074
Journalism and Communications.....			6 783
Law.....			3 458 ¹
Liberal Arts and Sciences.....		68 457	
Latin-America studies.....	677		
Anthropology, field training program.....	1 756		
Geography, Illinois resources atlas.....	483	2 916	71 373
Physical Education.....			9 026 ¹
University Extension.....			42 590
Veterinary Medicine.....			7 284
Other schools and colleges.....		32 500	
Institute of Aviation, electronic technology.....	5 954		38 454
Libraries and Library School.....			37 065

¹ Deduct.

Physical Plant			
Regular operation and maintenance.....	107	907	
Renewals and replacements.....	259	590	
Illinois Building Authority insurance.....	5	100	372 597
Unexpended plant			
Admissions and Records, special equipment.....	10	539	
Overbed tables and closets.....	1	380	
Agricultural administration, special equipment.....	8	390	
Agricultural Engineering, special equipment.....	1	300	
Prefabricated refrigeration walk-in room.....	1	275	
Dixon Springs, water system fire protection.....	20	000	
Dixon Springs, residences remodeling.....	10	400	
Laboratory benches.....	14	416	
Pell Farm, improvements.....	3	844	
Purchase of IBM 1620 system.....	104	638	
Education administration, special equipment.....	12	996	
University High School, special equipment.....	2	613	
Engineering Publications, special equipment.....	7	895	
Civil Engineering, equipment (National Science Foundation matching grant).....	40	100	
Civil Engineering, special equipment.....	35	712	
Universal testing machine.....	1	103	
Highway Traffic Control, special equipment.....	14	900	
Mechanical and Industrial Engineering, analogue computer.....	4	309	
Mechanical and Industrial Engineering (National Science Foundation matching grant).....	24	602	
Mining, Metallurgy, and Petroleum Engineering, moving expense.....	8	852	
Mining, Metallurgy, and Petroleum Engineering, special equipment.....	13	131	
Nuclear Engineering, special equipment.....	2	033	
Physics, special equipment.....	3	122	
Art, special equipment.....	19	079	
Music, special equipment.....	19	013	
Graduate College, flexo-writer.....	1	152	
Television cable and equipment.....	7	384	
WILL Radio Station, special equipment.....	34	741	
Language Laboratory, equipment.....	1	739	
Botany, special equipment.....	6	343	
Chemistry, equipment (National Science Foundation GE matching).....	12	209	
Chemistry, equipment (National Science Foundation 4893 matching).....	33	000	
Chemistry and Chemical Engineering, special equipment..	39	153	
Entomology, special equipment.....	2	363	
Geology, equipment (National Science Foundation matching grant).....	39	470	
Life Sciences (National Science Foundation matching grant).....	20	000	
Physiology, equipment (National Science Foundation matching grant).....	10	290	
Psychology, equipment (National Science Foundation matching grant).....	24	980	
Speech and Theatre, special equipment.....	3	336	
Physical Education, special equipment.....	1	029	
Hott Memorial Center, food service equipment.....	5	200	
Inserting machine.....	1	794	
Library, public service special equipment.....	19	825	
Library, catalog equipment.....	2	090	
Library, educational science library equipment movie....	20	418	
Library, special equipment.....	1	326	
Electrical Engineering Building, equipment.....	2	165	
Load lugger.....	1	262	

Architectural studies for future buildings.....	23 205
Electrical Engineering, bioacoustics laboratory.....	10 920
Improving lighting in classrooms.....	2 576
Minor improvements.....	1 935
Parking facilities.....	1 108
Remodeling and minor additions unassigned.....	14 415
Volatile Storage Building.....	3 670
Dixon Springs, staff houses.....	1 141
Dairy Science, milk handling room.....	22 500
Dairy Science, minor buildings.....	7 898
Sheep metabolism unit.....	3 623
Central Receiving Station.....	1 425
Electrical deficiency unassigned.....	109 980
Administration Building, remodeling.....	3 776
Armory, air conditioning administrative offices.....	10 325
Armory, remodeling.....	4 326
English Building, remodeling.....	2 642
Illini Union, remodeling room third floor.....	2 715
McKinley Hospital, renovation.....	4 786
Agricultural Engineering Building, air conditioning.....	3 400
Agricultural Engineering Research Laboratory, install electrical system.....	13 525
Bevier Hall, remodeling.....	3 549
Animal Sciences Laboratory, remodeling room 345.....	2 036
Animal Sciences Laboratory, remodeling room 420.....	1 516
Dairy Barn, free stalls.....	16 750
Dairy Barns, electrical service.....	1 540
Davenport Hall, remodeling for Plant Pathology.....	15 187
Floriculture Building, remodeling.....	4 573
Mumford Hall, agricultural library improvements.....	40 000
Mumford Hall, remodeling student lounge.....	6 103
Vegetable Crops Building.....	3 038
David Kinley Hall, electrical service.....	5 304
Civil Engineering Hall, administrative offices remodeling.....	12 865
Civil Engineering Hall, air conditioning.....	4 944
Civil Engineering Hall, remodeling.....	5 745
Mechanical Engineering Building, remodeling.....	12 367
Mining and Metallurgy Laboratory, moving and re- modeling.....	5 377
Mining and Metallurgy Laboratory, remodeling second floor.....	19 270
Wood Shop, remodeling.....	6 383
Architecture Building, gallery lighting.....	5 040
Krannert Art Museum, night illumination.....	3 372
Mumford Hall, remodeling rooms 205 and 208.....	1 606
Illini Union Ballroom, television power facilities.....	2 400
Armory, rifle range renovation.....	9 533
Botany, greenhouse lighting and cooling.....	9 941
Chemistry Annex, remodeling.....	16 871
Harker Hall, remodeling.....	6 749
Lincoln Hall, remodeling.....	5 381
Natural History Building, remodeling.....	39 631
Noyes Laboratory, remodeling.....	63 902
Huff Gymnasium, remodeling.....	5 255
Men's Old Gymnasium, balcony track.....	2 670
Men's Old Gymnasium, remodeling.....	1 465
Skating Rink, roof repairs.....	4 030
Veterinary Medicine Building, remodeling.....	28 760
Labor and Industrial Relations Building, air conditioning.....	26 730
Library, remodeling.....	5 182
Library, lighting modernization.....	40 000
205 South Goodwin Avenue, remodeling.....	6 120
807 South Lincoln Avenue, remodeling.....	3 516
Dixon Springs, laboratory repairs and replacements.....	1 953

Central Receiving Building, remodeling.....	2 491		
Hydraulics Research Laboratory, remodeling.....	3 451		
Quonset Building, remodeling.....	1 861		
1205 West Nevada Street, relocation and remodeling....	22 995		
1205½ West Nevada Street, remodeling.....	10 100		
WILL transmitter, alterations.....	13 300		
907 South Sixth Street, remodeling.....	4 273		
1007-1007½ South Wright Street, remodeling.....	11 040		
Veterinary Pathology Building, Veterinary Research Farm	6 270		
Allerton House, replacements.....	28 991		
Bicycle parking areas.....	2 445		
Recreational area Stadium Drive.....	12 079		
Tennis courts, resurfacing and improvements.....	5 285		
University Avenue, lighting improvements.....	1 792		
Willard Airport, water system.....	2 000		
Orchard Street, machine shed.....	1 497		
Thirty-six items ranging from \$782 overdraft to \$968....	7 882	1 521	208
<i>Total, Urbana-Champaign.....</i>		(2 400 948)	
<i>Medical Center, Chicago</i>			
General administration and expense.....	14 614		
Estimates and alterations.....	5 835	20 449	
Aeromedical and Physical Environment.....		9 461	
Medicine.....		10 079	
Dentistry.....		1 005	
Pharmacy.....		3 115 ¹	
Graduate College.....		23 762	
Nursing.....		1 582	
Physical Education for Men.....		212	
Division of Services for Crippled Children.....		355 283	
Research and Educational Hospitals.....		84 953 ¹	
Library.....		8 760 ¹	
<i>Physical Plant</i>			
Regular operation and maintenance.....	238 737		
Renewals and replacements.....	66 204		
Medical Center Steam Plant.....	105 711	410 652	
<i>Unexpended plant</i>			
Admissions and Records, special equipment.....	1 225		
Illustration Studios, special equipment.....	1 844		
Install electronic air cleaners.....	1 154		
Replacement of ducts.....	19 759		
Drug and Horticulture Station, special equipment.....	4 965		
Pharmacology and Pharmacognosy, special equipment....	20 191		
Pharmacy, special equipment.....	2 630		
Pharmacology and Pharmacognosy, remodeling.....	2 495		
Manufacturing Pharmacy Area, remodeling.....	1 146		
Research and Educational Hospitals, special equipment..	54 462		
Purchase and install vacumatic sterilizer.....	2 703		
Research and Educational Clinics, furniture and equip- ment.....	1 805		
Hospital Laboratory, attachment for spectrophotometer..	8 000		
Medicine, special equipment.....	1 013		
Nursing, furniture and equipment.....	1 074		
Nursing, special equipment.....	2 400		
Operating and Recovery Rooms, special equipment.....	2 930		
Pathology, special equipment.....	1 400		
Radiology, replace intercom system.....	1 603		
Radiology, special equipment.....	29 137		
Research and Educational wards, special equipment.....	31 072		
Occupational Therapy, remodeling.....	5 400		
Research and Educational Hospitals administration, re- modeling.....	6 982		
Architectural studies for future buildings.....	7 599		
Thirty-six items ranging from \$34 to \$798.....	16 600	229 589	
<i>Total, Medical Center, Chicago.....</i>		(965 246)	

¹ Deduct.

Chicago Undergraduate Division

General administration and expense.....	29 864		
Auditorium expense.....	29		
Demographic statistical study.....	3 758	3 787	33 651
Liberal Arts and Sciences.....			9 256
Engineering.....			6 879
Architecture and Art.....			1 000
Graduate College.....			1 765
Business Administration.....			968
Division of Education.....			731
Physical Education.....			5 861
Armed Forces.....			709
Library.....			14 619
Physical Plant			
Regular operation and maintenance.....	44 657		
Renewals and replacements.....	18	44 675	
Unexpended plant			
Computer Program, special equipment.....	3 006		
Six items ranging from \$29 to \$620.....	1 475		4 481
<i>Total, Chicago Undergraduate Division.....</i>			(124 595)
<i>Grand Total.....</i>			\$3 490 789

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

CONTRACTS FOR CONSTRUCTION OF ADDITION TO MORRILL HALL

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for construction of a six-story and basement addition to Morrill Hall, the award in each case being to the lowest bidder:

General — Felmley-Dickerson Co., Urbana.....		\$1 698 800
Base bid.....	\$1 614 000	
Additive alternates for:		
Fee for supervision of other contractors assigned to the general contractor.....	65 000	
Installation of acoustical tile in certain laboratories.....	22 000	
Deductive alternate for installation of an electrical sidewalk elevator in lieu of a hydraulic elevator.....	— 2 200	
Unit price alternates for:		
Partitions:		
Each added.....	+ 300	
Each omitted.....	— 250	
Piling lengths:		
Each foot longer than indicated on drawings	+ 4.25	
Each foot shorter than indicated on drawings	— 1.50	
Laboratory Equipment — Metalab Equipment Company, Hicksville, New York.....		393 840
Electrical — Wm. H. Brunkow, an individual doing business as Brunkow Electric Co., Champaign.....		326 365
Base bid.....	329 140	
Deductive alternate for substitution of lighting fixtures for those as specified in base bid.....	— 8 000	
Additive alternate for motor control center in lieu of motor starter racks.....	5 225	
Plumbing — Ralph Vancil, Inc., Cairo.....		525 585
Heating — M. J. Holleran, Inc., Chicago.....		519 700
Ventilating — A C Company, Chicago.....		228 800

Pipe Covering and Insulation — Sprinkmann Sons Corporation of Illinois, Peoria.....		136 231
Base bid.....	\$ 139 257	
Deductive alternate for omission of canvas covering where acoustical tile ceilings are provided..	— 3 026	
Temperature Control—The Power Regulator Company, Skokie.....		44 700
		<u>\$3 874 021</u>

It is further recommended that all contracts, other than the general contract, be assigned to the contractor for general work, making the total of his contract \$3,874,021; and it is further recommended that an agreement be entered into with Felmley-Dickerson Co., Urbana, for the assignment of these other contracts for \$65,000, which amount is included in the contract price, being the amount bid by that company for service charge for supervision of other contracts by the general contractor.

Funds are available for this project from grants received from the National Institutes of Health, the National Science Foundation, and state capital appropriations to the University from the Universities Building Fund.

A report from the Physical Plant Department including a schedule of the bids received is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

I concur.

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

CONTRACTS FOR CONSTRUCTION OF FACULTY-STAFF PARKING LOTS

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$27,817 to Parro Construction Corp., Urbana, which represents the total of their base bid of \$13,921 for construction of a lot at 507-509 East John Street, Champaign, with a capacity of seventy-two spaces, and additive alternates of \$6,360 for Division C for a lot at 1210 West California Avenue, Urbana, with a capacity for fourteen automobiles and thirty-five motor scooters, and \$7,536 for Division D for a lot at 509 East Daniel Street, Champaign, with a capacity of forty-five spaces. All properties have recently been acquired by the Illinois Building Authority and have been leased to the University. The Building Authority has reviewed the plans for construction of the parking lots and has approved them.

Funds are available from income received from the faculty-staff parking program.

I concur.

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

CONTRACT FOR PHASE I OF STADIUM TERRACE DEMOLITION

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$18,760 to Shapland Construction Company, Champaign, for the demolition and removal of forty one-story buildings of three apartment units each and two two-story buildings of eight apartment units each or a total of 136 units in Stadium Terrace with equipment in place.

Funds are available from the Housing Division for this work.

I concur.

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

**CONTRACT FOR LANDSCAPE PLANTING AT ILLINOIS
STREET RESIDENCE HALLS AND THE
UNIVERSITY RECREATIONAL FACILITY**

(15) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of the following contracts for landscaping the Illinois Street Residence Halls and the new University recreational facility on South Lincoln Avenue at the intersection of Lincoln Avenue and St. Mary's Road, the award in each case being to the lowest bidder:

Illinois Street Residence Halls — Twin City Landscape Service, Inc.,
Urbana, Illinois..... \$25 699 05

Funds are available in the construction budget.

University Recreational Facility — Onarga Nursery Co., Onarga,
Illinois..... 9 697 00

Funds are available in the state capital appropriations to the University from the Universities Building Fund.

I concur.

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

CONTRACT FOR HEATING WORK AT THE SWINE RESEARCH CENTER

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$26,826 to F. R. Inskip, an individual doing business as Inskip Plumbing, Heating, & Air Conditioning Co., Champaign, for heating work at the Swine Research Center on the South Farms, which includes the base bid of \$16,216 for the Sow Feeding Building and an additive alternate of \$10,610 for the Farrowing Building.

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

I concur.

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

CONTRACTS FOR EXTENSION OF UTILITIES DISTRIBUTION SYSTEM

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for extensions of the utilities distribution system on the Urbana-Champaign campus as indicated below, the award in each case being to the lowest bidder:

Water Distribution System South of St. Mary's Road — Cross Construction Inc., Urbana.....	\$87 370
Base bid for extension of a 12 in. cast-iron water main from the intersection of Windsor Road and First Street north to George Huff Drive extended, and east to Good- win Avenue extended, with a lateral connection from George Huff Drive and Fourth Street extended north to the existing elevated water tank.....	\$63 800
Additive alternate for substitution of ductile iron piping for cast iron pipe provided in base bid.....	+ 7 170
Additive alternate for extension of a 12 in. cast-iron water main from the intersection of George Huff Drive ex- tended, and Goodwin Avenue extended, east to Lincoln Avenue with a connection to an existing 6 in. water main on Lincoln Avenue.....	+ 11 600
Additive alternate for substitution of ductile iron pipe for cast-iron pipe for the above extension.....	+ 600

Additive alternate for construction of underground conduit and electrical telemetering cable from the meter vault at Windsor Road extended, and First Street north along First Street into an existing manhole at St. Mary's Road.....	+ 4 200	
Water Main for East Chemistry Building — Cross Construction Inc., Urbana.....		25 858
Storm Sewer for Civil Engineering Building — Nu-Way Contracting Corp., Chicago.....		76 513
Base bid.....	59 900	
Additive alternate for construction of Stoughton Street storm sewer to provide for construction of Second Addition to Digital Computer Laboratory.....	+ 16 613	
Electrical Distribution System (Division JJ) — Dean Evans Co., Champaign		412 839
Construction of electrical duct runs, manholes, distribution center 4 and load center 41 to provide increased electrical service between the Abbott Power Plant and the campus north of Green Street for present use and future expansion.		
Electrical Distribution System (Division KK) — Square Deal Electrical Contracting Inc.....		436 931
Furnishing and installation of electrical equipment and cables for Division KK work.		

Funds for the above utilities extensions are available from state capital appropriations to the University for 1963-65, subject to release by the Governor. Submitted herewith is a summary of bids received, a copy of which is being filed with the secretary of the Board for record.

I concur.

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

CONTRACT AND APPROPRIATION FOR PAVING PEABODY DRIVE NORTH OF VETERINARY MEDICINE BUILDING

(18) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$24,295.50 to Whetzel Construction Co., Champaign, for the paving of Peabody Drive, east of Goodwin Avenue in front of the Veterinary Medicine Building. The total project costs also include engineering and supervision fees, landscape and lawn restoration work, and utility adjustments.

The Committee on Nonrecurring Appropriations recommends that the Board authorize the assignment of \$31,000 for the project from the University's General Reserve.

I concur.

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

CONTRACTS FOR REMODELING IN THE DENTISTRY-MEDICINE- PHARMACY BUILDING

(19) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for remodeling space vacated by the Animal Hospital for the College of Dentistry in the Dentistry-Medicine-Pharmacy Building, the award in each case being to the lowest bidder:

General — Simpson Construction Co., Chicago.....	\$ 42 053 00
Base bid.....	\$39 573

Additive alternate for service charge for supervision of other contracts assigned to this contractor.....	2 480	
Laboratory Equipment—J. J. Lane Equipment Co., Chicago.....		14 480 00
Plumbing—Ashland Plumbing & Heating Company, Chicago.....		4 931 00
Heating, Air Conditioning, Process Piping—Ashland Plumbing & Heating Company, Chicago.....		16 312 00
Ventilating—Western Ventilating Company, Chicago.....		16 208 00
Pipe Covering Insulation—Armstrong Contracting & Supply Co., Chicago.....		2 239 00
Electrical—Fries Walters Co., Chicago.....		7 995 00
<i>Total</i>		\$104 218 00

The work will include extensive remodeling of an area formerly occupied by the Animal Hospital prior to moving into their new quarters in the Medical Research Laboratory, and also air conditioning of the west portion of the old Animal Hospital which was remodeled for the College of Medicine in the 1961-63 biennium. The major portion of the remodeling will provide facilities for the research component of the postgraduate education program in the College of Dentistry, and will also provide facilities for research and teaching activities for the Department of Radiology in the College of Dentistry.

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 \$104,218; and that an agreement be entered into with Simpson Construction Co. for the assignment of these other contracts for \$2,480, 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 1963-65.

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

I concur.

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

CONTRACT FOR TUCKPOINTING AND RESETTING OF STONework AT THE MEDICAL CENTER

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$5,688 to the Felsen Building Service Co., Chicago, the lowest bidder, for tuckpointing and resetting of stonework on the original buildings at the Medical Center, including the Dentistry-Medicine-Pharmacy Building, the Research Laboratory and Library Unit, and the Research and Educational Hospitals.

Funds are available in the Physical Plant maintenance budget.

I concur.

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

CONTRACTS FOR TEMPERATURE CONTROL ROOMS AND REMODELING IN RESEARCH AND EDUCATIONAL HOSPITALS

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for temperature control rooms in the Aero-medical Laboratory area and remodeling of clinics in the Research and Educational Hospitals, the award in each case being to the lowest bidder:

General—Heller Construction Company, Chicago.....	\$ 28 860
Base bid	\$25 489

Additive alternate for service charge for supervision of other contracts assigned to this contractor.....	3 371
Temperature Control Rooms — Lab-Line Instruments, Inc., Melrose Park.....	44 400
Plumbing—Fettes, Love & Sieben, Inc., Chicago.....	6 795
Heating, Ventilating, and Air Conditioning—A C Company, Chicago..	19 300
Electrical—Divane Bros. Electric Co., Chicago.....	16 400
<i>Total</i>	\$115 755

The work will include remodeling the west half of the first floor, south wing of the Research and Educational Hospitals for the Departments of Otolaryngology and Ophthalmology, and the construction of an x-ray view room; and the furnishing and installing of four temperature control rooms in the basement of the Hospital adjacent to the Aeromedical Laboratory in the Medical Sciences Addition. These improvements are needed to supplement the new facilities being provided in the Medical Sciences Addition.

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 \$115,755; and that an agreement be entered into with Heller Construction Company for the assignment of these other contracts for \$3,371, 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 1963-65.

Submitted herewith is a schedule of the bids received, a copy of which is filed with the Secretary of the Board for record.

I concur.

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

AMENDMENT TO LEASE WITH THE UNIVERSITY OF ILLINOIS FOUNDATION FOR THE PROPERTY AT 129 NORTH RACE STREET, URBANA

(22) The University is sub-leasing the property at 129 North Race Street, Urbana, from the University of Illinois Foundation, at a rental rate of \$851 per month, for use by the Department of Psychology.

The entire building has been remodeled by the owner to meet the requirements of the Department of Psychology and he has amortized the cost of the remodeling by a higher rental rate than the property would normally rent for.

Additional remodeling and equipment has been requested by the Department to increase the utilization of the basement, for greater control of temperature and humidity for research projects, and additional experiment rooms. The owner of the property has submitted a proposal to remodel this space and to amortize the cost by further increasing the rent by \$65.50 per month for the remaining life of the lease, i.e., August 31, 1971.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that: the Foundation be requested to amend the lease by increasing the rental rate for the life of the lease by \$65.50; the sublease from the Foundation to the University be increased by \$65.50 per month as of October 1, 1964; and that funds be assigned from Indirect Costs to the Physical Plant operating budget for the annual rental of \$786.00.

I concur.

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

SALE OF LOTS IN GARY, INDIANA

(23) Since 1952 the University has been the owner of two vacant lots in the

city of Gary, Indiana, which it acquired by the Last Will and Testament of Anna J. Voodry, deceased. Under the terms of the will the lots are held as a part of the "Anna J. Voodry Free Educational Fund," which provides scholarships known as the "Earl C. and Lawrence L. Voodry Scholarships." The School City of Gary, the public schools system of Gary, Indiana, has determined that the acquisition of the lots by it for school purposes is necessary and has offered to purchase the same from the University at the price of \$650, which is the full appraised price as determined by the City's appraisal team. In the event the City's offer is not accepted, it will institute condemnation proceedings under its power of eminent domain. The price offered is deemed reasonable by the University.

The Vice-President and Comptroller recommends the sale of the property to the School City of Gary at the offered price of \$650, with customary adjustments and prorations upon closing.

I concur and request the adoption of the following resolution:

Resolution

WHEREAS, the School City of Gary, The Public School System of Gary, Indiana, a public educational body organized and existing under the laws of the State of Indiana, hereinafter termed "purchaser," has offered to purchase the herinafter described property upon the terms and conditions hereinafter set forth;

Now, Therefore, Be It Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this Corporation be, and they hereby are, authorized and directed, in the name and in behalf of this Corporation, to enter into an agreement with said Purchaser providing for the sale and conveyance to it of the hereinafter described property upon the following terms and conditions;

(A.) At a sale price of \$650.00, with customary adjustments to be made therein for costs incident to such sale;

(B.) This Corporation to furnish Purchaser a quit-claim deed, a certified copy of the Court order and the deed vesting title in the University, and pay for the required Federal Revenue stamps;

(C.) Possession to be delivered to Purchaser at the time final payment is made;

(D.) The title to be conveyed to be subject to special assessments becoming a lien after the date of the deed, building restrictions and easements of record.

(E.) Such other terms and conditions as said Comptroller and Secretary may deem necessary or desirable.

Be It Further Resolved that upon compliance with the terms of said agreement by purchaser, and in accordance with the terms thereof, said Comptroller and Secretary be, and they hereby are, authorized and directed to execute, acknowledge, and deliver, in the name and in behalf of this Corporation, and under its Corporate Seal, a quit-claim deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable to convey to Purchaser title to the following described property, viz:

"Caldwell's 3rd Addition to Tolleston,
Lake County, Indiana,
Key Number 42-3-5 to 29
Lots 13 and 14 — 50' × 126.03"

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF MATERIALS RESEARCH LABORATORY. PHASE II

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommended an increase of \$3,195.35 in the contract with Johnson, Drake & Piper, Incorporated, Minneapolis, Minnesota, for furnishing and installing an additional stainless steel canopy hood (including added ductwork, exhaust fan, gas, and compressed air piping) in the Materials Research Laboratory.

Funds are available in the construction budget.

I concur.

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

**ADDITION TO CONTRACT FOR CONSTRUCTION
OF ILLINOIS STREET RESIDENCE HALLS**

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$4,204.80 in the contract with Art-O-Lite Company, Inc., Galesburg, for revisions in the fire alarm system in the Illinois Street Residence Halls to segregate each building into a separate alarm system.

Funds are available in the construction budget.

I concur.

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

**ADDITION TO CONTRACT FOR CONSTRUCTION OF PLANT
SCIENCES BUILDING (TURNER HALL)**

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,643.27 in the contract with W. E. O'Neil Construction Company, Chicago, for painting insulated ducts and piping in the meter room, transformer vault, mechanical equipment room, elevator shaft, pent house, mechanical equipment room of the Greenhouse, and the electrical vault in the Plant Sciences Building (Turner Hall) to prevent deterioration.

Funds are available in the construction budget.

I concur.

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

**ADDITION TO CONTRACT FOR CONSTRUCTION
OF CHICAGO CIRCLE CAMPUS**

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,750.13 in the contract with Gust K. Newberg Construction Co., Chicago, for a revision of electrical service in the Metals Casting Laboratory of the Engineering and Sciences Laboratory to provide for the installation of an Inducto Therm Corporation furnace.

Funds are available in the construction budget.

I concur.

On motion of Mrs. Watkins, this change in contract was authorized.

**ADDITION TO CONTRACT FOR CONSTRUCTION
OF CHICAGO CIRCLE CAMPUS**

(28) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$3,792.78 in the contract with Gust K. Newberg Construction Co., Chicago, for additional electrical service, direct current, to each student laboratory station in Room A-2091 of the Engineering and Sciences Laboratory.

Funds are available in the construction budget.

I concur.

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

**ADDITION TO CONTRACT FOR CONSTRUCTION
OF CHICAGO CIRCLE CAMPUS**

(29) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$18,878.53 with Gust K. Newberg Construction Co., Chicago, for changes in site work prior to the activation of the facilities now under construction and in anticipation of construction in Phase II at the Chicago Circle Campus.

The increased work will provide a chain-link fence around each of the project sites in Phase II, additional sidewalks, temporary gates for construction access to each of the areas, and a temporary road in the vicinity of the Library.

The latter will provide access for fire protection since the permanent road will be temporarily blocked by construction.

Funds are available in the construction budget for this work.

I concur.

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

**ADDITIONAL SOIL TEST BORINGS AND SOIL ANALYSIS FOR
PHASE II CONSTRUCTION AT CHICAGO CIRCLE CAMPUS**

(30) The Board of Trustees, at its February 21, 1962, meeting, authorized the execution of a contract with Soil Testing Services, Inc., Chicago, for soil test borings and soil analysis for the buildings now under construction at Chicago Circle.

Architectural contracts have since been awarded by the Illinois Building Authority, on recommendations of the Board of Trustees, for ten buildings to be constructed in Phase II and for which additional soil testing and analysis will be required. Thirty borings will be required for the ten buildings of which ten will go to bed rock. Soil Testing Services, Inc., Chicago, have agreed to perform the additional work for Phase II on the basis of the same unit costs as are specified in their existing contract with the University for Phase I.

It is anticipated that the total cost of the additional work will be approximately \$13,000 for which funds are available in the state capital appropriations to the University from the Universities Building Fund.

The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize the employment of Soil Testing Services, Inc., for this work.

I concur.

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

**PUBLIC USE OF UNIVERSITY-OWNED PARKING
FACILITIES AT CHICAGO CIRCLE**

(31) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the general public be allowed to use University-owned parking facilities at Chicago Circle as follows:

The parking lot at the northeast corner of Roosevelt Road and Morgan Street to be available for use until February 1, 1965, upon the payment by the users of the proper fee to enter and exit through the coin-operated gates, and beginning February 1, 1965, the general public be permitted to use this lot on Saturdays and Sundays only, on the same basis of compensation.

The lot north of Grenshaw Street between Halsted Street and Dan Ryan Expressway to be available upon payment of the meter charges established by the University and in accordance with the same schedule as outlined above.

The lots south of Grenshaw Street between Halsted Street and Dan Ryan Expressway to be available upon payment of the meter charges established by the University and in accordance with the same schedule as outlined above.

The proposal to open these parking lots to the public was suggested by the Halsted-Roosevelt-Maxwell Business Men's Association, Inc., on behalf of all members of the Association and clergy and congregations of the various churches in the area. The Association has agreed to indemnify the University against any loss sustained by it due to opening these parking lots to the public, and to fund such indemnity with not less than \$300,000 of insurance. The University will have the right to make reasonable rules and regulations covering the use of these lots and may terminate the public use in the event it is determined by the University that such use is interfering with the University's operations or construction.

This proposal has been submitted to and approved by the Department of Urban Renewal of the City of Chicago and the Committee on Buildings and Grounds of the Board.

I concur.

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

AGREEMENT WITH COMMONWEALTH EDISON COMPANY

(32) Construction of the proposed Union Building and Residence Hall at the Medical Center will require the closing of Winchester Avenue and alleys between Polk Street and Taylor Street and the removal of most of Commonwealth Edison Company's poles, cables, transformers, and associated equipment from the area.

The Director of the Physical Plant and the Vice-President and Comptroller therefore recommend authorization of an agreement with Commonwealth Edison Company, Chicago, for removal of overhead electrical facilities in the area bounded by Polk Street, Wolcott Avenue, Taylor Street, and Damen Avenue, with the exception of those serving Board of Education Warehouse at a cost of \$6,097.

Funds are available to pay the cost of this agreement.

I concur.

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

EASEMENT TO NORTHERN ILLINOIS WATER CORPORATION

(33) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize its Secretary and the Comptroller to grant a right-of-way easement to the Northern Illinois Water Corporation over the north 726.04 feet of the south 1,326.04 feet of the west 33 feet of the southwest one-fourth of Section 30, Township 19 North, Range 9 East of the Third Prime Meridian, upon terms, conditions, and form, approved by the Legal Counsel.

I concur and recommend adoption of the following resolution.

Resolution

Be It, and It Hereby Is Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this public corporation be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to NORTHERN ILLINOIS WATER CORPORATION, an Illinois corporation, hereinafter referred to as "Grantee," its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move and remove a water line, which is not less than eight inches (8") in diameter and other equipment appurtenant thereto, under, through and across the land hereinafter described and the right of ingress to and egress therefrom; the rights and easement granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. Grantee shall agree to repair any damage caused to property of this Corporation by the construction, reconstruction, operation, maintenance, repairing, alteration, moving and removing of said water line and to indemnify this Corporation and its representatives from liability in connection with Grantee's activities. The right-of-way easement shall remain in full force and effect from the date granted and for so long thereafter as said water transportation line is continued in service and has not been abandoned and discontinued. Upon termination of the easement Grantee shall peaceably surrender possession of said premises to this Corporation and full and complete title then shall remain in this Corporation free and clear of said easement and without necessity of re-entry or demand. The right-of-way easement shall be over the following-described property:

Situated in the State of Illinois, the County of Champaign, and consisting of the West Thirty-three (33) feet of the North Seven Hundred and Twenty-Six and Four Hundredths Feet (726.04) of the South One Thousand Three Hundred Twenty-Six and Four Hundredths Feet (1326.04) of the Southwest Quarter (SW ¼) of Section Thirty (30), Township Nineteen (19) North, Range Nine (9) East of the Third Principal Meridian.

On motion of Mr. Hughes, the foregoing resolution was adopted.

DELEGATION OF SIGNATURES

(34) At its annual meeting on March 18, 1964, 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 Anthony J. Diekema, Assistant Dean of Admissions and Records at the Medical Center, 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, this amendment was authorized.

PURCHASES

(35) The President submitted a report of purchases authorized by his office, on recommendation of the Director of Purchases and the Vice-President and Comptroller. He also presented a list of purchases recommended by him.

The reports of purchases authorized and purchases recommended for Board approval were presented in two categories: purchases from appropriated funds (i.e., from state appropriations to the University) and purchases from institutional funds. The latter term designates funds received by the University under contracts with the United States government, contracts with private corporations and other organizations, funds from foundation grants and grants from corporations and other donors, and University revolving funds authorized by law.

The total amounts of these purchases were:

From Appropriated Funds

Purchases Authorized	\$ 5 374 00
Purchases Recommended	381 104 09
	<u>\$386 478 09</u>

From Institutional Funds

Purchases Authorized	\$ 57 462 88
Purchases Recommended	696 442 40
<i>Grand Total</i>	<u>\$753 905 28</u>

A complete list of the purchases authorized and purchases recommended, with supporting information, including the quotations received, was sent to each member of the Board in advance of the meeting and a copy is being filed with the Secretary of the Board for record.

On motion of Mr. Johnston, the President's approval of purchases was confirmed and the purchases he recommended were authorized.

QUARTERLY REPORT OF THE COMPTROLLER

(36) The Comptroller presented his quarterly report to the Board as of June 30, 1964.

This report was received for record, and a copy has been filed with the Secretary of the Board.

COMPTROLLER'S REPORT OF CONTRACTS

(37) The Comptroller's report of contracts executed during the period August 1 to 31, 1964.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
American Iron and Steel Institute	Fracture toughness of high strength structural steels	\$ 25 000 00	May 1, 1964
Eso Research and Engineering Company	Effects of adding a nonphytotoxic oil to various herbicide formulations and the penetration and translocation of C ¹⁴ labeled atrazine in weed species	2 000 00	May 1, 1964
Mallinckrodt Chemical Works	Studies in the field of catalysis	10 000 00	September 1, 1964
State of Illinois Department of Agriculture	Transmissible gastroenteritis and other infections of swine and an inactivated virus vaccine for hog cholera	20 300 00	July 1, 1964

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State of Illinois Superintendent of Public Instruction	Conduct centers, experimental projects, and institutes in the field of education of gifted children	\$ 11 300 00	July 24, 1964
United States Air Force AF-AFOSR-714-65	Semiconductor junction and interface phenomena	132 422 00	September 15, 1964
United States Department of Health, Education, and Welfare OE-4-13-059	Continuation of the Russian Language and Area Studies Center	57 570 00	July 1, 1964
United States Housing and Home Finance Agency H-642	Mass transportation demonstration; service innovations operation of the bus system in the city of Peoria	83 616 00	June 30, 1964
<i>Total</i>		<u>\$342 208 00</u>	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
State's Attorney of DeKalb County	Payment for services rendered by local governmental units in DeKalb County (Wright)	\$ 6 627 00	July 22, 1964
State's Attorney of Piatt County	Payment for services rendered by local governmental units in Piatt County (Allerton and Warren)	12 888 00	July 22, 1964
<i>Total</i>		<u>\$19 515 00</u>	

Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Robert Blair (new)	Rental of second-floor apartment of the Burt house at Willard Airport, September 1, 1964, to August 31, 1965	\$ 960 00 (\$80 00 per month)	September 1, 1964
Peter Meyer (renewal)	Rental of first-floor apartment of the Burt house at Willard Airport, September 1, 1964, to August 31, 1965	1 020 00 (\$85 00 per month)	September 1, 1964
<i>Total</i>		<u>\$1 980 00</u>	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
Central District Tractor and Implement Operations	Farm machinery rental: three items, \$391.00 to \$647.00	\$1 436 00	July 1, 1964
John Deere Company	Farm machinery rental: two items, \$48.57 to \$170.45	219 00	July 1, 1964
Ford Motor Company	Farm machinery rental: three items, \$353.00 to \$411.26	1 162 00	May and July, 1964
International Harvester Company	Farm machinery rental: six items, \$272.70 to \$981.13	3 201 00	June, 1964
New Idea Farm Equipment Company	Farm machinery rental: two items, \$141.73 each	283 00	March, 1964
University of Illinois Foundation, sublessor (renewal)	Rental of premises at 605 South Sixth Street, Champaign, from July 1, 1964, to June 30, 1965, for Electrical Engineering	5 400 00 (\$450.00 per month)	July 1, 1964
Cyrus W. Vaughn (renewal)	Rental of premises at 1102A West Main Street, Urbana, from July 1, 1964, to June 30, 1965, for Education and University High School	1 920 00 (\$160.00 per month)	July 1, 1964
<i>Total</i>		<u>\$13 621 00</u>	

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
FS Services, Incorporated	Improvement of farm tractor maintenance	\$15 000 00	June 19, 1964
The Griffin Wheel Company	Improvement of cast steel railway car wheels	17 222 00	July 20, 1964
The Institute of Boiler and Radiator Manufacturers	Performance of steam and hot water heating systems and related equipment	39 400 00	July 20, 1964

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
State of Illinois Department of Mental Health Project 1723	Psychosomatic differentiation in infancy	\$ 73 005 00	June 22, 1964
State of Illinois Department of Mental Health Project 17-130	Relationship of neonatal hypoglycemia to neurological damage in prematurely born infants and twins	89 429 00	June 22, 1964
VioBin Corporation	Value of wheat germ oil in physical fitness program	4 800 00	July 24, 1964
VioBin Corporation	Study of fish meal and fish meal products in swine nutrition	2 000 00	August 6, 1964
<i>Total</i>		<u>\$240 856 00</u>	

Adjustments Made in 1963-64 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
George S. Grimmatt and Company (Plastering)	Nine items: \$150.38 deduct to \$695.27	\$ 479 00	July, 1964

Adjustments Made in 1964-65 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
George S. Grimmatt and Company (Plastering)	Thirty items: \$78.58 deduct to \$1,360.00	\$6 340 00	July and August, 1964

Summary

Amount to be paid to the University.....	\$585 044 00
Amount to be paid by the University.....	39 955 00

This report was received for record.

MIDWEST UNIVERSITIES CONSORTIUM FOR INTERNATIONAL STUDIES

(38) For the record I report that Dr. Royden Dangerfield has been appointed Executive Director of the Midwest Universities Consortium for International Activities, Incorporated. The Consortium has been organized by the University of Illinois, Indiana University, Michigan State University, and the University of Wisconsin to assist the four universities in carrying on overseas activities and to strengthen international programs on each of the four campuses. To enable the Consortium to carry on its activities, the Ford Foundation has made a grant of \$3,500,000 for a five-year period.

Under a contract with the University of Illinois, effective September 1, 1964, the headquarters of the Consortium will be in Room 377 Administration Building, University of Illinois, Urbana.

Dr. Dangerfield will serve as a half-time officer of the Corporation, and will continue to serve on a half-time basis as Associate Provost, in charge of the Summer Session, and Director of International Programs at the University of Illinois. His other duties as Associate Provost and Dean of Administration are being assigned to other staff members.

Since last spring Dr. Dangerfield has been serving as President of the Consortium. Other officers are:

Vice-President: Robert L. Clodius, Academic Vice-President, University of Wisconsin

Secretary: Glen L. Taggart, Dean of International Programs, Michigan State University

Treasurer: H. O. Farber, Vice-President and Comptroller, University of Illinois
Assistant Treasurer: Sidney M. Stafford, University of Illinois

This report was received for record.

INVESTMENT REPORT

Report of the Comptroller

(39) The Comptroller reported the following changes in investments of current, construction, and sinking funds, over which he has authority as indicated, for the month of June, 1964:

Current Funds

Restricted Group (June 20, 1962)

Purchase

\$1 000 000	First National Bank of Chicago C/D	12/31/64	\$1 000 000 00
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Construction Funds

Assembly Hall (June 23, 1959, and March 17, 1962)

Purchase

\$ 230 000	U. S. Treasury bills	11/19/64	226 772 59
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Chicago-Congress Circle Union (June 19, 1963)

Sale

\$ 35 000	U. S. Treasury bills	7/15/64	34 925 99
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Graduate Housing (February 19, 1964)

Purchase

\$ 30 000	U. S. Treasury bills	10/15/64	29 639 58
125 000	U. S. Treasury bills	11/12/64	123 361 39

Illini Union and Health Center (December 21, 1960)

Purchase

\$ 140 000	U. S. Treasury bills	9/17/64	138 892 87
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Illinois Street Residence Halls (October 17, 1962)

Sale

\$ 80 000	U. S. Treasury notes	3¾ per cent	8/15/64	80 025 00
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Purchase

\$ 30 000	U. S. Treasury bills	12/17/64	29 502 68
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Orchard Downs and SG-2 (June 14, 1960)

Sale

\$ 64 000	U. S. Treasury bills	7/16/64	63 657 45
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Purchase

\$ 14 000	U. S. Treasury bills	9/17/64	13 889 29
90 000	U. S. Treasury bills	11/19/64	88 584 00

Orchard Downs Addition (May 24, 1962)

Sale

\$ 5 000	U. S. Treasury bills	7/16/64	4 981 79
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Pennsylvania Avenue Residence Halls (June 21, 1961)

Purchase

\$ 50 000	U. S. Treasury bills	9/17/64	49 605 75
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Sinking Funds

Assembly Hall (June 23, 1959)

Purchase

\$ 29 000	U. S. Treasury bills	2/28/65	28 152 59
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Men's Residence Halls of 1956 (September 18, 1956)

Purchase

\$ 44 000	U. S. Treasury notes	4 per cent	8/15/66	44 068 75
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Report of the Finance Committee

The Finance Committee reported the following changes in investments of endowment funds for the month of July, 1964:

Cole Living Trust

Purchase

10 shares	Pacific Gas and Electric 1st Pfd 6 per cent	\$	328 75
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Pool

Exchange

\$ 6 000	U. S. Treasury notes	5 per cent	8/15/64 and
4 000	U. S. Treasury notes	3¾	8/15/64 for
10 000	U. S. Treasury bonds	4½	11/15/73

Purchase

\$ 8 500	U. S. Treasury bonds	4 per cent	2/15/80	8 372 50
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Report of the Comptroller

The Comptroller reported the following changes in investments of current and unexpended plant funds, over which he has authority as indicated, for the month of July, 1964:

Current Funds

Restricted Group (June 20, 1962)

Purchase

\$ 500 000	International Harvester Credit notes	1/15/65	\$ 489 722 22
1 200 000	First National Bank of Chicago C/D	1/29/65	1 200 000 00

Construction Funds

Assembly Hall (June 23, 1959, and March 17, 1962)

Purchase

\$ 100 000	U. S. Treasury bills	1/14/65	98 244 72
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Graduate Housing (February 19, 1964)

Purchase

\$ 150 000	U. S. Treasury bills	11/12/64	148 399 33
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Orchard Downs Addition (May 24, 1962)

Purchase

\$ 45 000	U. S. Treasury bills	11/12/64	44 511 25
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Pennsylvania Avenue Residence Halls (June 21, 1961)

Purchase

\$ 4 000	U. S. Treasury bills	11/12/64	3 957 83
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Student Services (May 17, 1961)

Sale

\$ 5 000	U. S. Treasury bills	9/17/64	4 968 40
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Sinking Funds

Assembly Hall (June 23, 1959)

Purchase

\$ 197 000	U. S. Treasury bills	2/28/65	192 687 34
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Housing Revenue Bonds (December 17, 1958; June 23 and October 21, 1959; June 14, 1960; June 21, 1961; May 24 and October 17, 1962; and February 19, 1964)

Purchase

\$ 323 000	U. S. Treasury bills	9/17/64	\$321 331 89
466 000	U. S. Treasury bills	2/28/65	455 918 87
388 000	U. S. Treasury notes 3 $\frac{7}{8}$	8/13/65	388 848 75

Women's Residence Halls of 1956 (September 18, 1956)

Purchase

\$ 71 000	U. S. Treasury notes 3 $\frac{7}{8}$ per cent	8/13/65	71 155 31
20 000	U. S. Treasury notes 3 $\frac{5}{8}$	2/15/67	19 881 25

On motion of Mr. Williamson, these reports were received for record.

HOSPITAL-MEDICAL-SURGICAL FEE

(40) The Hospital-Medical-Surgical Fee for the summer session at Urbana-Champaign and the Chicago Undergraduate Division is one-half the fee for a full semester. The coverage terminates at the end of the summer session. Students who wish year-round coverage between the end of the summer session and the beginning of the fall term can purchase it by paying an additional five dollars. Some students who attend summer sessions are under the erroneous impression that coverage is continuous and are disappointed when claims are denied.

The Vice-President and Comptroller recommends that, effective in the summer session of 1965, a full semester's fee (\$10 at Urbana-Champaign and \$9 at the Chicago Undergraduate Division) be charged and that the coverage extend until the beginning of the fall semester.

Students who do not desire coverage for the period between the close of

the summer session and the beginning of the first semester may secure a refund of one-half of the fee upon written request.

I concur.

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

KRANNERT CENTER FOR THE PERFORMING ARTS

(41) Although public announcement was made on July 24, 1964, and the members of the Board of Trustees have now been fully informed regarding the matter, I am reporting for the official record the gift of Mr. and Mrs. Herman C. Krannert of Indianapolis to the University of Illinois Foundation to create a Center for the Performing Arts on the University's Urbana-Champaign campus. Committees of the Board have been consulted as the discussions developed.

Mr. Krannert is Chairman of the Board of Inland Container Corporation with headquarters in Indianapolis, Indiana. He is an alumnus of the University's College of Engineering, Class of 1912, and a member of the Foundation. Mrs. Krannert is a graduate of Brenau College where she majored in music, and has a special interest in literature and the arts.

The total cost of the project, to be known as the Krannert Center for the Performing Arts, is estimated at \$14,325,000. Of this amount, gifts will provide approximately \$10,000,000. The contributions are from various donors, but the major gift will be that of Mr. and Mrs. Krannert.

The financing of the Center will require \$4,325,000 in other funds, of which \$630,000 already is available in University appropriations. The remainder will be requested from the state as a part of the capital funds required for 1965-67. This money will be used for the purchase of land and for construction of classrooms, rehearsal rooms, workshops, and parking space, which will be below ground level.

The Krannert Center for the Performing Arts will provide an entirely new educational and cultural facility for the Urbana-Champaign campus. It will be located east of the old main quadrangle, between Goodwin Avenue and Gregory Place from Illinois to Oregon Streets. It will occupy two square blocks and will be approached from the center of the campus by an open vista.

A number of performing groups at the University of Illinois have become nationally or internationally known for their work—the Opera Workshop, the University Theatre, the University Bands, the University Symphony Orchestra, the University Choir, the Dance Group. However, much of the performance by these groups and the teaching back of it has heretofore been greatly limited because of inadequate facilities. With nearly 1,700 students enrolled in courses in music, theatre, band, and the dance, much of the work to be done in the new facility in these fields is now widely scattered over the campus. In music alone the work is carried on in ten different areas, several being converted residences. Aside from the Band Building, there has been no construction for music facilities since Smith Memorial Hall was completed in 1919.

The Center will consist of four theatres, each one a separate building with a special character of its own, connected by carefully planned functional areas, and related by architectural design. The architect, Max Abramovitz, is an alumnus of the University, class of 1929, and a former member of the staff of the Department of Architecture. His firm, Harrison and Abramovitz of New York, has designed nationally known buildings, including the new Lincoln Center Philharmonic Hall and the United Nations Building in New York, the Interfaith Center and Rose Art Museum at Brandeis University, the Law School and Amsterdam Plaza at Columbia University, and the Assembly Hall at the University of Illinois.

The four units of the complex will be a music auditorium to seat 2,200, a music theatre to seat 1,000, a drama theatre to seat 700, and an experimental theatre to seat 250. In addition, an outdoor theatre is made possible by the arrangement of the buildings. This facility will seat about 1,000. The music auditorium will be used for many programs produced by faculty and students as well as for concerts by outside talent.

The main entrance to the auditorium will be at ground level, from the east, with another entrance from the terrace level and still another at an upper level.

It may be approached from the west by a dramatic flight of steps, some of which will be used as seats for the outdoor theatre.

The composition of the Center will be related to the landscape surrounding it and to the general feeling of that campus area.

The entire Center will be on a man-made rise of ground which will give it dominance over the surrounding area. Underneath it will be two floors which will include practice rooms, rehearsal areas, offices, dressing rooms, workshops, and space for parking for approximately 800 cars. The parking area will have natural lighting from a specially designed clerestory (window-above-roof to permit entrance of light) and will have natural ventilation. It can be approached from several sides of the complex.

Each theatre will be visible from all sides—the music auditorium will be approached from both the east and west sides of the Center. The theatres will have connecting corridors or walkways wide enough for benches and lounge spaces so that these areas will be in constant use by students and faculty. Walls of the connecting galleries will be designed for the display of material related to the performing arts. Programs from the various theatres may be piped to other units of the Center so that at times a maximum number of people may enjoy them.

In the lower levels of the Center, workshops, design rooms, laboratories, and practice rooms will be in constant use as a part of the teaching programs in music, drama, the dance, opera, and other fields. The garage area is so designed that, by remodeling later on, part of it could be converted into classrooms.

Mr. and Mrs. Krannert were the principal contributors to the Krannert Art Museum on the University of Illinois campus in Champaign-Urbana. It houses several famous art collections and has been visited by thousands of people from all over the country since it was completed late in 1960. Mrs. Krannert presented the University with the painting, "Christ After The Flagellation," by Murillo, and both Mr. and Mrs. Krannert commissioned the sculptor Mirko to produce the statue "Initiation" which is located on a pedestal in front of the Art Museum. Their most recent gift to the Museum is an important thirteenth-century French stained glass window.

Members of the Faculty Committee which advised the University administration on the programs to be advanced by the Center for the Performing Arts are: A. S. Weller, Dean of the College of Fine and Applied Arts, Chairman; D. A. Branigan, Director of the School of Music; Margaret Erlanger, Associate Professor of Physical Education for Women; L. A. Hiller, Jr., Associate Professor of Music; Mark Hindsley, Director of the University of Illinois Bands; P. S. Pettinga, Professor of Music; J. W. Scott, Professor of Speech; R. N. Sullivan, Dean of the College of Law; A. R. Williams, Professor of Architecture; and L. E. Zirner, Professor of Music.

Mr. and Mrs. Krannert made the formal offer of their gift in a letter agreement dated July 14, 1964, which I have accepted on behalf of the Board of Trustees of the University of Illinois.

On motion of Mr. Swain, this report was received for official record, and the President's action accepting the gift on behalf of the Board was approved.

President Clement then presented the following resolution for the Board's consideration.

Resolution

Since the announcement on July 24 of the magnificent gift of Mr. and Mrs. Herman C. Krannert, making possible the Krannert Center for the Performing Arts, a host of expressions of gratitude have come from the people of Illinois and from many more throughout the nation. All concerned within the State and the University, as well as all who treasure the fine arts, have rejoiced in this superb expression of support for the creative spirit. As President Henry has stated truly, "this is one of the most significant undertakings in the history of the University."

The gift is the more welcome, and the more appreciated, coming as it does in a time when national need is naturally drawn to technology and science and

when the sources of support for the humanities and the fine arts are more limited.

Moreover, the Krannert Center for the Performing Arts now will permit the University to match the distinction of personnel in its departments of music, drama, dance, and related arts with a commensurate distinction in the physical facilities provided. Their work will thereby be greatly enhanced and their effectiveness and achievement increased.

The gift of Mr. and Mrs. Krannert opens great new opportunities. It seems certain that the Krannert Center for the Performing Arts will become noted among American institutions of higher education.

This splendid gift, an outstanding example of alumni giving, will be an inspiration to all who feel, as does Mr. Krannert, a deep sense of obligation to and affection for their Alma Mater.

To Mr. and Mrs. Krannert, the Trustees of the University extend this resolution of deepest appreciation, and in so doing salute an alumnus whose loyalty is so strong and sure and a couple whose devotion to the enrichment of our culture has brought them the appreciation and respect of all who honor the University and value its service.

On motion of Mr. Swain, this resolution was adopted.

MEMORIAL TO ROBERT C. ZUPPKE

(42) The choice of a suitable memorial on the Urbana-Champaign campus to the late Robert C. Zuppke has been under consideration since his death on December 22, 1957.

Mr. Zuppke served as head football coach at the University of Illinois from 1913 through 1941. A man of diverse accomplishments, he was known and loved by thousands of alumni and brought a great deal of fame and recognition to the University and to intercollegiate football.

The Board of Directors of the Athletic Association has made a unanimous recommendation that the football field in Memorial Stadium be named in honor of Mr. Zuppke.

The Board of Directors has asked the President to place this recommendation before the Board of Trustees for action. Prior to this meeting, I placed this request before the Board's Committee on Athletics of which Mr. Harold Pogue is chairman and I suggest that his report be received at this time.

Report of the Committee on Athletics, University of Illinois Board of Trustees, September 16, 1964, Urbana, Illinois.

Robert C. Zuppke will always be an institution at the University of Illinois. More, his is a never-to-be-forgotten figure in the history of American football.

From the momentous day in 1913 when he stepped from a high school to the Big Ten, Robert C. Zuppke showed the great intellectual curiosity, the intense concentration, the imagination and sustained drive which made him a great football coach. Too, he possessed philosophic attributes and artistic interests which made him one of the most interesting personalities in the world of sport.

Under Zuppke the University of Illinois achieved national recognition. His teams won or shared seven Big Ten championships and were rated among the best in the nation in 1914, 1919, 1923, and 1927.

Robert C. Zuppke was a great coach, but he was more than that to the University he loved and to the people with whom he came in contact in forty-four years of association with the University. He reached thousands of youngsters through his teaching in the pioneer Illinois school for coaches, his summer courses in football for high school coaches, and through his painting, numerous writings in books, magazines, and newspapers, and thousands of speeches.

His was the moving force behind the construction of Memorial Stadium at the University of Illinois, a gift of the University's alumni as a memorial to those graduates and former students who gave their lives for their country in World War I.

I therefore submit the following resolution and recommend its adoption by the Board of Trustees upon the unanimous recommendation of the Board of Directors of the Athletic Association and the unanimous concurrence of the Athletic Committee of the Board of Trustees.

Resolved, that the football field in Memorial Stadium hereinafter be named Robert C. Zuppke Field in Memorial Stadium;

That a suitable memorial so identifying Robert C. Zuppke Field be placed in Memorial Stadium and that appropriate dedicatory services be held at the time such memorial is unveiled;

That the Director of the Physical Plant consult with professional counsel as to an appropriate memorial, and

That the President of the University be requested to appoint an advisory committee to consult with the Director of the Physical Plant in this matter. This Committee should have representation from the Athletic Association Board of Directors, the "I" Men's Association, and the Athletic Committee of the Board of Trustees.

On behalf of the Athletic Committee of the Board of Trustees, I move that the foregoing resolution be adopted.

HAROLD POGUE, *Chairman*
IRVING DILLIARD
MRS. FRANCES WATKINS

This resolution was unanimously adopted.

DEGREES CONFERRED IN AUGUST, 1964

The Secretary presented for record the following list of degrees conferred at Urbana, Illinois, as of August 10, 1964, on recommendation of the Urbana-Champaign Senate.

Summary

Degrees in the Graduate College:

Master of Arts.....	112
Master of Science.....	291
Master of Music.....	7
Master of Education.....	188
Master of Social Work.....	3
Master of Fine Arts.....	4
Master of Laws.....	2
Master of Architecture.....	2
Master of Accounting Science.....	7
Master of Business Administration.....	10
Master of Comparative Law.....	3
Master of Commerce.....	3
Master of Extension Education.....	1
Advanced Certificate.....	26
<i>Total, Graduate College.....</i>	<i>(659)</i>

Degrees in Law:

Bachelor of Laws.....	12
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Baccalaureate Degrees:

Bachelor of Science, College of Agriculture.....	30
Bachelor of Science, College of Engineering.....	75
Bachelor of Arts, College of Liberal Arts and Sciences.....	73
Bachelor of Science, College of Liberal Arts and Sciences.....	77
Bachelor of Science, College of Education.....	31
Bachelor of Science, College of Commerce and Business Administration.....	70
Bachelor of Science, College of Journalism and Communications.....	9
Bachelor of Architecture, College of Fine and Applied Arts.....	8
Bachelor of Fine Arts, College of Fine and Applied Arts.....	12
Bachelor of Music, College of Fine and Applied Arts.....	3
Bachelor of Science, College of Fine and Applied Arts.....	9
Bachelor of Science, College of Physical Education.....	9
Bachelor of Science, College of Veterinary Medicine.....	1
<i>Total, Baccalaureate Degrees.....</i>	<i>(407)</i>

Total, Degrees Conferred..... 1,078

GRADUATE COLLEGE**Degree of Master of Arts***In Art Education*

- RONALD JAMES BERCHERT, B.S., Eastern Illinois University, 1959
TERRY LEE BLACK, B.F.A., Millikin University, 1960
JOHN DENNIS COLEMAN, B.S., Greenville College, 1959
BRUCE ROBERT GREENE, B.S., State University of New York, College of Education (Buffalo), 1961
IRENE CATHERINE MOON, B.S., Western Illinois University, 1958
PHYLLIS FAITH TOWNSEND, B.S., Illinois State University at Normal, 1963

In Dance

- ANDREW HOMER BAILEY, A.B., University of Vermont, 1960
DOROTHY ROBERTA COBURN, A.B., 1962

In Economics

- AZARIAS BARYARUHA, A.B., Boston University, 1963
GISELLE CHESROW, A.B., 1963
MOHAMED HANI ABDEL HAMID EL-ZEINI, B.Com., Cairo University, 1960
JAMES EDWARD JONISH, A.B., 1963
NGAMBIKOMSU JOSEPH MAMUYA, A.B., Carthage College, 1963
ROBERT JOHN MOURITSEN, A.B., Carthage College, 1963
HAN SOO OH, A.B., Elmhurst College, 1962

In Education

- VIRGINIA RUTH CROSSETT, A.B., Wheaton College, 1960

In English

- MARTHA FRANCES ANDERSON, A.B., Southern Methodist University, 1963
NANCY ILLAH JANE BAILEY, A.B., University of Toronto, 1957
ANNE SPRAU BOWERS, A.B., University of Louisville, 1963
JOHN FRANCIS CALLAHAN, A.B., University of Connecticut, 1963
MARCIA ANN DALBEY, A.B., University of Michigan, 1961
VERNON DONALD FEIN, A.B., Rollins College, 1963
FRANCES CATE FOWLER, A.B., Cornell University, 1963
JOHN FREDERICK FUTHEY, A.B., University of Toronto, 1959
LAWRENCE GREENBERG, A.B., Northern Illinois University, 1963
ADRIENNE LEE HARTL, A.B., Kalamazoo College, 1963
MARGARET ANN SMITH HASMAN, A.B., 1960
WILLIAM RICHARD HAUER, B.S., College of the Holy Cross, 1963
CAROL LEE HOEG, A.B., Luther College, 1963
JACQUELINE HULSEBERG KARKOS, A.B., Wellesley College, 1963
JOYCE CAROL LACKIE, B.S., Illinois State University at Normal, 1963
RICHARD ALBERT MENDE, A.B., Waterloo College, 1963
GLORIA KALEN MEYER, A.B., University of Denver, 1963
PAUL DUNCAN MITCHELL, JR., A.B., Knox College, 1963
MARIA NERINGA NARUSEVICIUS, A.B., University of Toronto, 1963
MARILYN ADA ONTMAN, A.B., University of Kansas City, 1963
KAREN LOUISE PERSON, A.B., 1961
RICHARD BRENTON SCHWARTZ, A.B., University of Notre Dame, 1963
LUCILLE SHAWGO, A.B., Marycrest College, 1959
SISTER MARY SIENA LYONS, A.B., St. Xavier College, 1956
ROGER MANSFIELD SWANSON, A.B., North Central College, 1963
MARGO ANN WASSERMAN, A.B., New York University, 1963
MARY LOUISE WEBER, A.B., 1954

In French

- JAMES ARVEL MEADOWS, B.S., Illinois State University at Normal, 1957

In German

- WILLIAM LEONARD CUNNINGHAM, A.B., Oberlin College, 1961
MARIA MARGRET HAAN, Certificate, Muenster University, 1961

In History

LLOYD EUGENE AMBROSIUS, A.B., 1963
ROY ALLEN AUSTENSEN, B.S., Concordia Teachers College, 1963
HAN-YIN CHEN, A.B., National Taiwan University, 1961
MARTHA VIRGINIA COOMBE, A.B., 1960
FRANK ALAN COOMBS, A.B., University of Kansas, 1960
BARBARA ANN HUDSON, A.B., Bates College, 1963
PHILLIP LESTER HUTSON, A.B., Ohio University, 1962
DEAN ANTHONY ODER, A.B., Illinois College, 1963
CAROL ANNE RITZEN, A.B., Drury College, 1963
SISTER MARY ROBERT CASEY, A.B., Rosary College, 1957
JONATHAN GARRICK UTLEY, A.B., Illinois College, 1963

In Labor and Industrial Relations

GEORGE WESLEY CASSIDY, A.B., Augustana College, 1957
ROBERT MARTINEZ, B.S., University of Tampa, 1957
ALLAN DAVID SPRITZER, A.B., College of the City of New York, 1963

In Latin

ROBERT DOUGLAS PHILLIPS, A.B., Brigham Young University, 1962

In Mathematics

JANE FIELD BLAKE, A.B., Frostburg State Teachers College (Maryland), 1963
SHARON ETTA KATZMAN, A.B., University of Michigan, 1963
SHING-TAK LAM, B.S., Taiwan Provincial Cheng Kung University, 1958
RAJINDAR SINGH LUTHAR, A.B., Panjab University, 1945
EUGENE CLINTON PRINGLE, A.B., Butler University, 1962
TOON QUEE WONG, B.S., Nanyang University, 1961
KIM YEW YAP, B.S., Nanyang University, 1961

In Philosophy

STEVEN DAVIS, A.B., University of Rochester, 1960
THAD RAYMOND HARSHBARGER, A.B., 1961
JOHN CLARENCE JAMIESON, A.B., 1962
GERALD WADE LILJE, A.B., University of Oregon, 1961
BENJAMIN ZEV RUDAVSKY, A.B., Brooklyn College, 1948; M.H.L., Jewish Institute of Religion, 1950

In Psychology

RONALD MICHAEL DOCTOR, A.B., University of Southern California (Los Angeles), 1960
MARILYN GOLES HUNTER, A.B., 1961
DAVID LLOYD KOHFELD, A.B., Wheaton College, 1962
CHARLES GOULD MORRIS 2ND, A.B., Yale University, 1962
LAWRENCE RAYMOND PENNER, JR., A.B., University of Kansas, 1962
ROBIN WHITLOCK PRATT, A.B., William Jewell College, 1961

In Public Administration

CHARLES LOUIS WILLEMS, A.B., University of Michigan, 1954; B.S., 1962

In Social Sciences

HELEN JEAN KORENCHAN, A.B., 1961
DAVID ARNOLD SCHERMAN, A.B., Valparaiso University, 1962
ROBERT SUMMERS THOMPSON, B.F.A., Boston University, 1957

In Spanish

DONALD MAX BRAYTON, A.B., State University of Iowa, 1961
CELESTA JANE MOORHOUSE SANDERS, A.B., Greenville College, 1950; M.S., Indiana University, 1956
LAVINA CATHERINE TILSON, A.B., Berea College, 1963

In Speech

MARIE IRENE BINSSE, A.B., Marietta College, 1963
ROBERT DALE FARRELL, A.B., Monmouth College, 1963

VALERIE ANN FARRELL HUDSON, A.B., Ohio University, 1963
 DONNA JEAN JORSTAD, A.B., 1963
 HOLLY KAPPLE, B.S., 1963
 ARNOLD J. KUNDE, A.B., Valparaiso University, 1963
 COLLEEN JUNE SIMON MARKS, B.S., Edinboro State College, 1962
 LANG DAVID SCHUELKE, B.S., Northwestern University, 1961
 CHARLES ALBERT SCHULTZ, B.S., Bowling Green State University, 1963
 SUSAN IRMA SILVERMAN, A.B., Brooklyn College, 1963
 DON WAGNER WALTERS, JR., A.B., 1962
 NORMAN HENRY WIEGEL, B.S., Northern Illinois University, 1960
 ANN MARIE WILLIAMS, A.B., Hunter College, 1961

In the Teaching of English

CAROL LOFTUS LE SEURE, A.B., 1958
 GLORIA JEAN SENKUS, A.B., 1963
 VERITY ANN WHITLEY, A.B., 1963

In the Teaching of Latin

DAISY BANE SWANSTROM, A.B., Illinois Wesleyan University, 1929

In the Teaching of Social Studies

DAVID GREGG IMIG, A.B., 1961
 DONALD WAYNE NORDTVEDT, A.B., 1963
 RICHARD HUMMEL OGLE, B.E.E., University of Florida, 1962
 HAYWARD GRAVES SUMNER, A.B., Lawrence College, 1963
 DAVID FRANK VOYPICK, B.S., Illinois State University at Normal, 1963

In the Teaching of Spanish

RICHARD DOUGLAS ARMSTRONG, A.B., Grinnell College, 1956
 MARGARET OLIVIA MARTINEZ, B.S., 1962
 MARY FERNE MAXWELL, B.S., Eastern Illinois University, 1963
 JAMES ROBERT REESE, A.B., University of Missouri, 1961

Degree of Master of Science

In Accountancy

PATRICK RAYMOND DELANEY, B.S., Lewis College, 1963
 RAYMOND CURTIS DOCKWEILER, B.S., Miami University, 1962
 JOHN LOUIS SUTER, B.S., 1961

In Advertising

CRYL DENNIS SCHICK, A.B., Texas Christian University, 1962

In Aeronautical and Astronautical Engineering

HAROLD JOHN SCHMIDT, B.S., 1961

In Agricultural Economics

PETER JAMES BARRY, B.S., 1963
 ABDEL HALIM AHMED SOLTAN, B.S., Ein Shams University, 1960

In Agricultural Education

WAYNE HAROLD BLUNIER, B.S., 1962
 THOMAS EDWARD FITZSIMMONS, JR., B.S., 1958

In Agricultural Engineering

JEROME DAVID BRADLEY, B.S., 1962
 DEAN LEO HOAG, B.Agr.E., Cornell University, 1962
 DENNIS LUVERNE LARSON, B.S., Iowa State University, 1963
 DAVID RAY SCHMID, B.S., 1963

In Agronomy

CHARLES JOSEPH FRAZEE, B.S., Western Illinois University, 1962
 EMIL QUINTO JAVIER, B.S., University of the Philippines, 1960

BINDESHWARI PRASAD PANDYA, B.S., Agra University, 1948; M.S., Government Agricultural College (Kanpur), 1951
CHARLES GUSTAV PONELEIT, B.S., 1962

In Animal Science

CHARLES MELVIN FINK, B.S., 1958
TIMOTHY GEORGE LOHMAN, B.S., 1962

In Architectural Engineering

DAVID BAKER, B.Arch., 1962
BARRY ALAN GOLDBERG, B.Arch., 1963
HENRY RUBEN THOMAS LOPEZ, B.Arch., 1963
ABUL HASEM ABDUR RAHMAN, B.S., University of Dacca, 1959; B.Arch., 1963

In Biology

DEAN ARTHUR DUNBAR, B.S., 1960
EDWARD ROBERT QUINN, B.S., 1963
BARBARA JOAN SCHNEIDER VOLD, A.B., University of California (Berkeley), 1963

In Botany

WILLIAM HENRY RUSSELL LANGRIDGE III, B.S., 1962
SOETARMI TJITROSOMO, D.Agr.Sci., University of Indonesia (Bogor), 1960

In Ceramic Engineering

ANTONIO JAIME EROLES GOMEZ, Chem.Eng., National University of Mexico, 1960
ROBERT ALAN VERNETTI, B.S., 1963

In Chemical Engineering

PAUL KURTZ MATTHEISS, B.Ch.Eng., University of Delaware, 1961
FRANK SHON-FU WANG, B.S., Oregon State University, 1963

In Chemistry

MONTER YOUSIF AL-JANABI, B.S., University of Baghdad, 1960
MAHDI NAJI AL-ZAGOOM, Licentiate, University of Baghdad, 1956
KENNETH DUANE BORDEN, B.S., Eastern New Mexico University, 1962
KATHLEEN MARY DRUMMOND, B.S., Chestnut Hill College, 1963
JOAN MARTHA FRIEDLAND, B.S., Cornell University, 1959
MARY FRANCES GIBBONS, A.B., Blackburn College, 1962
GEORGE EDGAR HARTWELL, JR., B.S., Union College, 1962
ELIZABETH OTTILIE McLEISTER, B.S., Bucknell University, 1962
PEDRO ANTONIO RODRIGUEZ REGGETI, Licenciado, Central University of Venezuela, 1961
ABDUL-KARIM HASHIM SHALLAL, B.S., University of Baghdad, 1961
DOROTHY MARY SOJA, B.S., University of Massachusetts, 1962
GEORGE CHUNG-CHI SU, A.B., Hope College, 1962
JACK WHIPPLE TIMBERLAKE, A.B., Hanover College, 1962
VIRGIL WAYNE WEISS, B.S., University of Texas, 1962

In City Planning

FRANK LYNN BALLIF ALBERT, B.S., 1963
PAUL CLYDE HARRIS, B.L.A., University of Florida, 1962
WILLIAM EDGAR ISSEL, B.S., Northern Illinois University, 1962
JACOB KAMINSKY, B.L.A., University of California (Berkeley), 1962
NEWTON BRADLEY SUSMAN, B.S., University of Missouri, 1960

In Civil Engineering

HAROLD LEE AHLBERG, B.S., 1960
ALVYN CLYDE ALBERGA, B.S., University of Alabama, 1942
FREDERICK RAYMOND BROWN, JR., B.S., Mississippi State University, 1963
JAMES PAUL FEDORKIW, B.A.Sc., University of Toronto, 1963
BRUCE GRAHAM GOODALE, B.S., Worcester Polytechnic Institute, 1963
WENDELL EARL JELM, B.S., 1962
IRAJ ISHAQ KASPAR, B.S., Al-Hikma University of Baghdad, 1961

DROHMER STANTON KORISTA, B.S., Bradley University, 1962
DENNIS ROY LAGERQUIST, B.S., Kansas State University, 1963
JORGE ROBERTO LAMBETH VERDUGO, B.S., United States Military Academy, 1963
DALE DEAN MEREDITH, B.S., 1963
MOHAMED SALAH EL DIN BADAWI NOSSEIR, B.E., Cairo University, 1959; M.S., University of Texas, 1963
KENNETH ALLEN RAGER, A.B., Monmouth College, 1961
PARDAMAN SINGH SAWHNEY, B.S., University of Rajasthan, 1958; B.Tech., Indian Institute of Technology, 1962
AHMED NABIL MOHAMED SAYED AHMED, B.S., Ein Shams University, 1959
ROBERT WILLIAM SMITH, B.S., University of California (Berkeley), 1962
JAMES EDWARD STILWELL, B.S., Virginia Military Institute, 1958
WILLIAM MANFORD TOSKEY, B.S., United States Military Academy, 1959
DAVID LEE TRAVER, B.S., 1963
KUO-TUNG WU, B.S., Taiwan Provincial Cheng Kung University, 1959

In Commercial Teaching

LEROY ERIC AXELSON, A.B., Augustana College, 1955
JUDITH TOMASIK NISS, B.S., Northern Illinois University, 1962

In Dairy Science

CHARLES ANDERSON HOLLOWELL, B.S., 1962

In Economics

JAMES WARNER RICE, B.S., 1962
DAVID LOK HENG SOO, B.S., Northern Michigan College, 1962
JOHN LAWRENCE SWANSON, A.B., 1963

In the Education of Mentally Handicapped Children

ADELINE BROWN HELLMER, B.S., University of Kansas, 1940

In Electrical Engineering

ARTURO JOSE AGUAYO BARRERA, B.S., Instituto Tecnológico y de Estudios Superiores de Monterrey, 1962
DONALD KENT ALEXANDER, B.S., 1959
WILLIAM DONALD BOLES, B.S., University of Kansas, 1959
ROBERT GEORGE BROCKO, B.S., Newark College of Engineering, 1963
TE-LONG CHIU, B.S., Taiwan Provincial Cheng Kung University, 1959
DONALD GLEN DODSON, B.S., 1963
BERNARD JOHN FLAHERTY, B.S., 1962
RICHARD CLAUDE GRISWOLD, B.S., 1963
CHARLES JACK HAWLEY, B.S., 1963
MOHAMED YEHIA ALY HUSSEIN, B.E.E., Cairo University, 1959
RICHARD NEWELL JEKEL, A.B., B.S., The Rice University, 1962, 1963
WAYNE EDWARD JOWASKY, B.S., 1963
KONGSOO KIM, B.S., Hanyang University, 1956; M.S., Seoul National University, 1960
BARRY STEPHEN KIPNIS, B.S.E. (E.E.), B.S.E. (Math.), University of Michigan, 1963, 1963
LAWRENCE WALTER LESKO, B.S., Fornier Institute of Technology, 1954
STEPHEN MARK LYONS, B.S., University of Kentucky, 1963
VITAS ANTHONY MIKENAS, B.A.Sc., University of Toronto, 1962
ERNEST PAUL MOYER, B.S., Lafayette College, 1963
ASHISH KUMAR MUKHERJEE, B.Tech., Indian Institute of Technology (Kharagpur), 1959
STEPHEN JOHN NUSPL, B.A.Sc., Assumption University of Windsor, 1963
BEHROUZ PEIKARI, Degree, Teheran University, 1961
HUGH WILSON RICHARDSON, B.S., Clemson Agricultural College, 1963
STANLEY JOHN TOMSA, B.S., Illinois Institute of Technology, 1963

In Entomology

SOELAKSONO SASTRODIHARDJO, Doctorandus, Institute of Technology (Bandung), 1962
MARTIN LUTHER TAYLOR, B.S., University of Florida, 1956

In Finance

MICHAEL WEXLER, B.S., 1962

In Forestry

HAROLD KENT AUSTIN, B.S., 1963

In Geography

JEAN ELLEN CUTLER, A.B., Purdue University, 1962

In Geology

CHARLES FREDERICK METZGER, A.B., University of Buffalo, 1961

In Health Education

BETTY JANE BARKMAN, B.S., George Peabody College for Teachers, 1956

NORMA MARIE DAYTON, B.S., Brooklyn College, 1963

JOHN ROBERT HOWDEN, B.Ed. (P.E.), McGill University, 1963

FRANCES MAE TOBIN, B.S., Brooklyn College, 1963

In Home Economics

KATHLEEN MARIE DWYER, B.S., State University of New York, College at Plattsburgh, 1962

NANCY ELIZABETH JOYCE, B.S., University of Tennessee, 1959

ROSALIE ANN RYBICKI, B.S., Michigan State University, 1963

In Journalism

CLOYD DEAN COLLINS, B.J., University of Missouri, 1949

In Library Science

HELEN JEAN ADELSBERGER, B.S., Southern Illinois University, 1961

JOHN KEITH AIKIN, B.S., University of Maryland, 1957

KAREN ROSITA BALLENGEE, B.S., West Virginia University, 1963

JOSEPH FRANCIS BOROWSKI, Jr., B.Mus.Ed., Chicago Music College, 1952; M.Mus.Ed., Roosevelt University, 1957

RICHARD RONALD BRANDOLINO, B.S., Illinois State University at Normal, 1961

CARMEN MARIE BROWN, A.B., Millikin University, 1963

TIMOTHY ALBERT BROWN, A.B., Saint Paul Seminary, 1962

ROBERT WILSON BURGETT, B.S., 1957

ELIZABETH MORRIS COFFMAN, B.S., Northwest Missouri State College, 1963

PARALEE GARRICK DUPREE, A.B., Morris College, 1943; B.S., North Carolina College, 1948

RITA HALEY DURBIN, A.B., MacMurray College, 1961

THELMA JEAN HARMON, A.B., Harding College, 1954; Ed.M., University of Arkansas, 1958

MICHAEL HOPE HARRIS, B.S., University of North Dakota, 1963

SUSAN JEAN HILL, A.B., 1963

CHARLES LLOYD HOLLIDAY, A.B., Southern Illinois University, 1947; A.M., Washington University, 1948

NANCY LEE HUFF, A.B., Monmouth College, 1963

STANLEY HUMENUK, A.B., University of Alberta, 1960

ESTHER LORRAINE HUSTON, B.S., Manchester College, 1956

JOAN JOYCE JAKAWICH, B.S., 1964

LUCILLE WILLEY JOHNSON, B.S., New York State College, 1943; A.M., University of California (Los Angeles), 1952

MARCIA HARRIET JONES, A.B., Western College for Women, 1961

EDWARD JOHN KAZLAUSKAS, A.B., John Carroll University, 1963

LAURIE CAROL KLAUSER, A.B., Clarke College, 1963

SUSAN YING-CHIN LEE, A.B., National Taiwan University, 1961

JUNE SALIE LEONARD, A.B., Morningside College, 1951

BARBARA PEARLE MILLAR, B.S., McGill University, 1948

VANDA MARIE NIGELS, A.B., University of Florida, 1963

BERENICE OSORIO DE VÉLEZ, B.S., 1964

FABIO RESTREPO LOPEZ, B.S., 1963

REAVES STANFORD TERHUNE, Jr., A.B., Northwestern University, 1963

LUCY ANN WARD, B.S., Illinois State University at Normal, 1957
GLADYS JANE WARREN, B.S., Illinois State University at Normal, 1958
DOROTHY PEARL WELLS, A.B., Florida Southern College, 1950
BARBARA RUTH WHALEN, B.S., Concordia Teachers College, 1956
DANA LEE WHITE, A.B., Montana State University, 1948
WILLARD JAMES WHITEHEAD, A.B., Western Illinois University, 1963
LA JEAN WIGGINS, B.S., Murray State College, 1948

In Management

LOY JACOB BARNHILL, B.S., University of Alabama, 1949
JAMES CARL STALLMAN, B.S., 1963

In Marketing

JOHN ROBERT BLAIR, B.S., 1963
PATRICK LEO HANAFEE, B.S., 1962
CHARLES HARRY SERLIS, B.S., University of Arizona, 1963
MICHAEL TERRY SMITH, B.S., St. Joseph's College (Indiana), 1963
WALTER STANTON, B.S., 1963

In Mathematics

RUDOLF BAYER, Diploma, Institute of Technology (Munich), 1962
DANIEL EDWARD CULLEN, B.S., Stanford University, 1963
KENNETH NEAL GARRISON, A.B., Whitman College, 1962
JOHN MICHAEL HENEGHAN, B.S., 1963
RICHARD JOHN LOCHRIE, B.S., Quincy College, 1963
JAMES ALAN MARINE, B.S., University of Chicago, 1960
LEROY HENRY MASCHHOFF, A.B., Valparaiso University, 1961
MARIAN LUCIA PUGH, B.S., Westminster College (Pa.), 1963
ROBERT LEIGH WARD, A.B., Northwestern University, 1963
WALDEMAR CARL WEBER, B.S., United States Naval Academy, 1959
ROBERTA ARLENE WHITE, B.S., Brooklyn College, 1963

In Mechanical Engineering

THOMAS JOHN DE GROH, B.S., Christian Brothers College, 1962
JOAQUIM SEVERINO DE PAIVA NETTO, Engineer, Instituto Tecnológico de Aeronáutica, 1959
ROBERT MICHAEL GRAVEN, B.S., Northwestern University, 1963
GEORGE ROY KLEB, B.S., United States Military Academy, 1959
ROBERT JOSEPH LATKO, B.S., 1963
RALPH GERALD NEDBAL, B.S., 1962
HYACINTH OHAKWE OHAYA, B.S., 1963
JOHN PHILLIP RATCLIFFE, B.S. (Ch.E.), B.S. (Bus.), University of Colorado, 1959, 1959
KENNETH ALVIN ROTT, B.S., Valparaiso University, 1957
JOHN ANTHONY SATTI, B.S., 1963
DONALD FREDERICK SPURLING, B.S., 1963
CHARLES HENRY STOLL, B.S., 1963
ROGER RUSSELL STROMSTA, B.S., 1963
JERRY CLETIS SWALLEY, B.S., 1963

In Metallurgical Engineering

TOSHIO SABURI, B.S., Osaka University, 1960

In Microbiology

DOLORES GONZALEZ-OJEDA, Degree, Instituto Politécnico Nacional, 1959

In Mining Engineering

PAUL HAI-HSING LU, B.Eng., Hokkaido University, 1945

In Music Education

TERRY JOE BARHAM, B.Mus.Ed., University of Oklahoma, 1962
VERA ANN BONCAROSKY, A.B., Morehead State College, 1963
GORDON LESLIE BROWN, B.S., Northern Illinois University, 1958

GENE PAUL CECI, B.S., 1962
WAYNE EVANS COOK, B.Mus., North Texas State University, 1962
LILA DAWN FAIRCHILD, B.S., 1963
ARTHUR HENRY FLIEGE, B.S., Concordia Teachers College, 1960
EDWIN JOE GAYLORD, B.S., 1962
RONALD MARVIN HILLIARD, A.B., State Teachers College (Trenton), 1963
DAVID LAURANCE KUEHN, B.Mus., North Texas State University, 1962
WILLIAM JOHN MCNEILAND, B.S., 1963
JEAN ANNE MESAVAGE, B.S., University of Arkansas, 1964
LARRY GENE NEEMANN, B.S., 1962
JO ANN NOBLE, B.S., Greenville College, 1956; M.Mus., University of Michigan, 1958
RUSSELL EUGENE PENCE, B.S., Eastern Illinois University, 1961
ERNEST WILBUR PRESSLEY, A.B., Allen University, 1960
ALICE KRENTZMAN PREVES, B.S., 1962
JOE NORMAN PRINCE, B.Mus.Ed., B.Mus., Murray State College, 1959, 1960
ROBERT CARROLL QUALLS, B.Mus.Ed., B.Mus., Phillips University, 1960, 1960
SISTER ROZALINDA CORCORAN, B.S., Nazareth College, 1960
JAMES RAU STRAUB, B.Mus., University of Kentucky, 1960
JOEL BRUCE STREIGHTIFF, B.M.E., Wheaton College, 1959
GEORGE EMANUEL STROMBECK, A.B., State University of Iowa, 1961
CHARLES EDMOND VREELAND, B.Mus., Michigan State University, 1959
EDMUND CHESTER WILLIAMS, B.S., 1959
JAMES ARTHUR WILLIAMS, A.B., Allen University, 1960
WILLIAM JOHN WIS, B.S., 1960
FRANK RAYMOND YOUNG, B.F.A., University of Florida, 1962

In Nuclear Engineering

JOHN ARNOLD BAUMGARTNER, B.S., University of Wisconsin, 1963
JAMES ROBERT COLEMAN, B.Ch.E., University of Minnesota, 1958
JEAN CHARLES GUYOT, Diploma, Ecole Centrale des Arts et Manufactures, 1962; Licence, University of Paris, 1962
MARK PAUL HAFFNER, B.S., Carnegie Institute of Technology, 1963
JOSEPH EDWARD HERCEG, A.B., Washington and Jefferson College, 1963
WILLIAM LARGE MCCOY, B.S., University of Rochester, 1963

In Physical Education

ROBERT LEWIS CASE, B.S., Western Illinois University, 1963
WHEI-CHU CHEN, B.Ed., Taiwan Normal University, 1958
PAUL STEPHEN FARDY, B.S., State University of New York, College of Education (Cortland), 1963
KATHLEEN JOYCE FERRITER, A.B., Hunter College of the City of New York, 1963
PHILIP ROGER FLANIGAN, B.S., 1959
DOLORES BERTIE HALLER, B.S., Bradley University, 1953
DAROLD DUANE HOOPS, B.S., Northwestern University, 1960
ROBERT ROY JENKINS, B.S., State University of New York, College of Education (Cortland), 1962
GEORGE CARR JESSUP, JR., B.S., Springfield College, 1959
ROBERT GENE MCBRIDE, B.S., Indiana State Teachers College, 1962
JAMES RICHARD MCQUILLAN, B.S., University of Bridgeport, 1962
DARRELL LLOYD PARKIN, B.S., University of Utah, 1958
LOUIS PETER SKIZAS, B.S., 1962
PHILLIP SANFORD SLOTSKY, B.Ed., University of Miami, 1963
LINDA MARY SORRELLS, B.S., 1960
THOMAS CARL SPASOFF, B.S., 1962
RONALD GREGORY STOPKA, B.S., 1962
ROBERT NATHAN STRAUSS, B.S., Trinity University, 1963
ARVO TIIDUS, Graduate, University of Tartu, 1944

In Physics

KENNETH EDWARD EVANS, JR., B.S., 1963
EDWARD BURL HARRIS, A.B., Hendrix College, 1962
ROBERT EUGENE HETRICK, B.S., 1963

RICHARD TORSTEN JOHNSON, A.B., Grinnell College, 1963
JAMES SHELTON MEYER, A.B., State University of Iowa, 1963
VYTAUTAS VICTOR PALCIAUSKAS, B.S., 1963
ROBERT OTTO SCHWENKER, B.S., University of Missouri School of Mines and Metallurgy, 1963
DAVID MANDEL WEXLER, B.S., University of Michigan, 1963
RONALD EDWARD ZELAC, B.S., 1962

In Physiology

IRMGARD SCHROER CHAPMAN, Vordiplom, University of Hamburg, 1960
JAMES ALLEN GESSAMAN, A.B., Earlham College, 1962
ELMER LEE TYREY, B.S., 1963
GERALD KINSEY WEISS, A.B., St. Olaf College, 1962

In Plant Pathology

LYNN EVAN GRAY, B.S., 1963
KAORU OHMORI, B.Agr., University of Tokyo, 1959

In Radio and Television

BRIAN ROBERT BLAND, B.S., 1963
MORRIS WAYNE COCHRAN, B.F.A., University of Cincinnati, 1963
GREGORY JAMES LIPTAK, B.S., 1961
RAFAEL VALL-SERRA GONZALEZ, Licentiate in Philosophy, Pontificia Universidad Catolica Javeriana (Bogota), 1954; Licentiate in Theology, Jesuit Theological Faculty (Dublin), 1961

In Recreation

ROBERT EDWARD MODLIN, B.S., University of Florida, 1963
LOUIS-CHARLES VEILLEUX, A.B., University of Ottawa, 1963
MERLE GILBERT WILLMANN, B.S., 1957

In Sanitary Engineering

JOHN ROGER LEHMANN, B.S., University of Texas, 1952
JAMES RUSSELL SHEETZ, B.S., Iowa State University of Science and Technology, 1963
GARRY EDWARD STIGALL, B.S., University of Missouri School of Mines and Metallurgy, 1961

In Speech Correction

BONNIE BEA BARNETT, B.S., Southern Illinois University, 1962
LARRY LEE TAYLOR, B.S., Eastern Illinois University, 1960
HOWARD RONALD WALTEMATH, B.S., Eastern Illinois University, 1957

In the Teaching of Biological Sciences and General Science

JOHN THORNTON FULTON, B.S., Eastern Illinois University, 1956
LEROY WILLIAM HASSELBRING, B.S., 1963
BONNIE KAY TARRY YACKOVLEV, B.S., 1962

In the Teaching of Chemistry

DAVID LOREN BOGARD, B.S., 1961

In the Teaching of Mathematics

ALAN STANLEY BARBER, A.B., American International College, 1962
GERALD ALLEN BEAM, B.S., Illinois State University at Normal, 1959
JERRY LEE BRIGGS, B.S., Otterbein College, 1958
ROBERT PRINCE BROUHLE, A.B., College of St. Thomas (Minnesota), 1963
JAMES REID CALHOUN, A.B., Monmouth College, 1961
ROBERT ALAN DOEPP, B.S., B.S. (Educ.), 1959, 1960
JOHN JOSEPH KUBIS, A.B., Gallaudet College, 1948
GEORGE IVAN LEVINE, A.B., Hunter College, 1963
SUSAN ELSA NARTEN, B.S., Northern Illinois University, 1962
RICHARD JOHN POLANCYAK, B.S., Eastern Illinois University, 1958
GEORGE CECIL TROWBRIDGE, A.B., Western State College of Colorado, 1960
LESLIE SIMON WOLFF, B.S., Queens College, 1963

In the Teaching of Physical Sciences

FRANCIS GEORGE CARDULLA, B.S., 1963

In Theoretical and Applied Mechanics

HENRY JOSEPH PETROSKI, B.Mech.Engr., Manhattan College, 1963

In Zoology

WILLIE ALLEN CAMPBELL, B.S., Clark College (Georgia), 1962

RONALD MARK CASE, A.B., Ripon College, 1962

ELIZABETH BOGART JUERGENSMEYER, B.S., Oregon State University, 1962

JOHN CHARLES MERTZ, B.S., Delaware Valley College of Science and Agriculture (Pennsylvania), 1962

MARGARET SUSAN SMITH, B.S., College of the Ozarks, 1962

Degree of Master of Music

MARILYN JANICE BOS, B.Mus., Oberlin College, 1960

LORETTA MARIE CHAK, B.Mus.Ed., Drake University, 1962

EDWARD JAMES LARGENT, JR., B.S., B.Mus., Ohio State University, 1960, 1963

PHYLLIS JOAN RAPPEPORT, A.B., Queens College, 1950

CHARLES RICHARD ROE, B.Mus., Baldwin-Wallace College, 1963

CHARLOTTE AUSTELLE SIMS, B.Mus., University of Tennessee, 1963

JANET KATHERINE WAGNER, B.Mus., Illinois Wesleyan University, 1962

Degree of Master of Education

SUSAN CAROLYN ABELEW, B.S., 1962

CARYL MAE ADAIR, B.S., Illinois State University at Normal, 1944

JOHN NEIL ADMIRE, B.S., Eastern Illinois University, 1958

JESSIE MAE AGNEW, B.S., Rust College, 1955

BARBARA DANIELLE ANDERSON, A.B., 1963

LOIS LOVINGFOSS ARNHOLT, B.S., 1948

WILLIAM DANIEL AVILA, B.S., Western Illinois University, 1952

NORMA JEAN CLEM BAILEY, B.S., Indiana State College, 1961

PHILIP GAIL BAIRD, B.S., Eastern Illinois University, 1946

LARRY KEN BAKER, B.S., Illinois State University at Normal, 1962

ROY JOHN BAKER, B.S., Southern Illinois University, 1954

RICHARD MICHAEL BALESTRI, B.S., 1958

SPENCER ALLEN BARNARD, B.S., Olivet Nazarene College, 1962

MARION DALE BATEMAN, B.S., 1951

HARVEY GEORGE BATTRELL, B.S., Western Illinois University, 1950

RITTIE C. BENNERMON, A.B., McKendree College, 1953

ULYSSES FRANCIS BIFFONI, B.S., University of Maryland, 1958

GEORGE HENRY BIRKETT, B.S., Illinois Wesleyan University, 1955

EVERETT OSCAR BIRKNER, B.S., Southern Illinois University, 1957; B.D., South-western Baptist Theological Seminary, 1960

PATSY McWHERTER BIRKNER, B.S., Southern Illinois University, 1956

WILLIAM BYRON BLEVINS, A.B., Fresno State College, 1960

JACK LEE BOTTENFIELD, B.S., 1957

IOLA KIRTS BOVIE, B.S., 1959

VIVIAN LENORE MARTIN BOYD, B.S., 1931

ORLEN DARRELL BROWN, B.S., Eastern Illinois University, 1958

LEROY BROWNLEE, B.S., 1963

CHARLES LEROY BUCKLES, B.S., Illinois State University at Normal, 1950

ARTHUR DEAN BUESKING, B.S., 1959

BETTY JEAN BURCH, B.S., 1962

RUTH ELLEN CARLON, B.S., Illinois State University at Normal, 1947

BEVERLY ANN SPRAGUE CHAPMAN, A.B., Washington University, 1959

MERLE WAYNE CHAPMAN, B.S., Millikin University, 1959

GENELLE LLEWELLYN CHRISTENSEN, B.S., Illinois State University at Normal, 1945

MARY PATRICIA COMNES CHRISTOPHERSON, A.B., Valparaiso University, 1941

IDA COLEMAN CLARK, B.S., Southern Illinois University, 1954

JOSEPHINE DAWSON CLARK, A.B., Western Maryland College, 1936

- LLOYD LORRAINE COAD, B.S., Eastern Illinois University, 1950
MARY JEANETTE McCLURE COLEMAN, B.S., Murray State College, 1960
ROY GILBERT COLSON, A.B., McKendree College, 1956; B.S., 1962
JOHN NICHOLAS COSTELLO, B.S., Pennsylvania State Teachers College (Lock Haven), 1949
JUDITH KAY COTTER, B.S., 1961
CLARENCE EDWARD CREMEENS, B.S., St. Ambrose College, 1949
MINNIE OATES CROOM, B.S., Alabama Agricultural and Mechanical College, 1951
THELMA LAILA DICKEY, B.S., Northwestern University, 1943
GERALD CHESTER DITMAN, B.S., Eastern Illinois University, 1958
DAVID ROSS DOBSON, B.S., Illinois State University at Normal, 1959
BENNIE DONALD, A.B., McKendree College, 1960
SHEILA MAE DVORAK, B.S., Northern Illinois University, 1961
MARION HUTCHINSON EATON, B.S., 1952
JOHN ELLIS, B.S., Texas Southern University, 1957
JO ANN HEJDA ERICKSON, A.B., 1948
CARL WALTER ESSLINGER, A.B., 1959
JOHN SCOTT FITZKE, A.B., Western Michigan University, 1960
ROSS MARION FOLEY, B.S., Southern Illinois University, 1954
ROLAND BERNARD FORTIN, B.S., Southern Illinois University, 1960
RUTH EAGLETON FRITTS, B.S., Millikin University, 1960
ESTHER MORRIS FUNK, B.S., Illinois State University at Normal, 1946
BIRGIT BROCK-UTNE GAARDER, Diploma, State Teachers College (Oslo), 1960
JUDITH KAY GABEL, B.S., 1960
MURIEL GRESHAM GARBER, B.S., Illinois State University at Normal, 1949
BONNETTA KING GIBBS, B.S., Quincy College, 1950
MYRTLE FOULES GIBSON, B.S., Alcorn Agricultural and Mechanical College, 1953
FRANK JOHNSON GLENN, B.Ed., Southern Illinois University, 1932
LEROY ARCHIBALD GLENN, B.S., Lincoln University, 1955
PATRICK ALAN GRANT, B.S., Illinois State University at Normal, 1959
ETHEL LUCINE GRAVES, B.S., Illinois State University at Normal, 1961
OLLYE CRAWFORD GRAYSON, A.B., Rust College, 1946
GEORGIA EARLENE GREGORY, B.S., Southern Illinois University, 1961
VINCENT ANTHONY GUARNA, B.S., Chicago Technical College, 1951
MATTIE LEE HALE, B.S., Illinois State University at Normal, 1960
DORIS CARROLL HALL, B.S., Eastern Illinois University, 1955
JERRY LEE HAMILTON, A.B., Augustana College, 1961
NORMA JEAN HARRIS, B.S., Illinois State University at Normal, 1959
LARRY LEE HARRISON, B.S., Eastern Illinois University, 1958
CHARLOTTE FLORINE HARROLD, B.S., Illinois State University at Normal, 1957
SHIRLEY KOCH HARTE, B.Ed., National College of Education, 1958
CECIL FLOYD HARVEY, B.S., Tennessee Agricultural and Industrial State University, 1942
MARGIE ELIZABETH VAUGHT HEAVENS, A.B., McKendree College, 1956
DORIS MONSON HEINO, A.B., 1928
CHRISTINE SCHWARTZ HICKS, B.S., 1936; M.S., Wellesley College, 1938
KATHRYN ANNE HOGARD, B.S., Northern Illinois University, 1961
CELESTE STIRGUS HOLLAND, B.S., Alcorn Agricultural and Mechanical College, 1957
CAROL ANN HOUSER, A.B., Hanover College, 1963
VIVIAN GRACE DORCH HULL, B.S., 1939
ANNIE EARL ANDERSON JACKSON, B.S., Jackson State College, 1958
JEAN ELIZABETH JACOBSON, B.S., 1960
ODESSA DAWSON JAMERSON, A.B., Huston-Tillotson College, 1945
AARON HENRY JOHNSON, A.B., Harris Teachers College, 1956
ALBERT PAUL JOHNSON, B.S., Indiana State College, 1949; B.S., Oakland City College, 1952
GOLDIE TAYLOR JOHNSON, B.S., Illinois State University at Normal, 1957
WILLIAM ARTHUR JOHNSON, B.S., Tuskegee Institute, 1952
ZORA KATHRYN McAFEE JOHNSON, B.S., Illinois State University at Normal, 1957
HAROLD WALKER JONES, B.S., Greenville College, 1957

JANIE O'BRYAN KAFKA, B.S., Millikin University, 1959
OZELLA CHAVIS KELKER, A.B., 1942
FRANKLIN JACK KENNY, B.S., Eastern Illinois University, 1955
MARY SUE POTTS KLEIN, B.S., 1962
ROBERT THEODORE KLUBE, B.S., Bradley University, 1955
BARBARA EVELYN BRACH KNOP, B.S., Southern Illinois University, 1952
DOROTHY HOPEWELL KOCHER, A.B., Sioux Falls College, 1957
ROSE MARY KOEHLER, B.S., Western Illinois University, 1962
PEGGY MAE KURZWEG, B.S., 1961
MYRON WILLIAM LANGHORST, B.S., 1935
DORIS JEAN POGUE LARSON, A.B., 1962
RONALD LEE LAWSON, B.S., Shurtleff College, 1956
BRENDA FAGAN LERNER, B.S., Northwestern University, 1960
LORIS BELLE RISSMAN LEVY, B.S., 1956
HAROLD IRVING LINDLEY, B.S., 1961
LEONARD EUGENE LONG, B.Ed., Wisconsin State College (Whitewater), 1958
MERLE EDWARD LYPE, B.S., 1963
MARTIN LYNN MAGUET, B.S., 1958
PAUL WEBSTER MALMGREN, B.S., 1939
ANGOON MARLIK, B.Ed., Chulalongkorn University, 1959
ELSIE NORTH MARRS, B.S., 1935
ROBERT DAWSON MAXWELL, B.S., Northeast Missouri State Teachers College (Kirksville), 1953
BARBARA ELIZABETH MAYNE, B.S., Millikin University, 1960
DAVID VERNEL MCBRIDE, B.S., Western Illinois University, 1956
DONALD ARLEN MCCOIN, B.S., Western Illinois University, 1955
DAVID GEORGE MCGANN, B.S., 1963
IRENE BULLOCK MCGHEE, B.S., Jackson College, 1954
ERIC JOSEPH METSCHULEIT, B.S., Western Illinois University, 1953
DORIS JEAN HANCE MICHAELS, B.S., Eastern Illinois University, 1960
RENNER ERIC MONDEH, A.B., Fourah Bay College, University College of Sierra Leone, 1963
ROBERT EARL MOSIER, A.B., Trenton State College, 1963
DORIS JANINE NEWTON, A.B., Grinnell College, 1963
KATHERINE LORRAINE NICHOLAS, B.S., Oklahoma State University, 1935
DOROTHY ELAINE NIEMYSKI, B.S., Boston University, 1963
ROBERT LEE JOSEPH NOLAN, B.S., 1960
JEAN HENDERSON OSBORN, A.B., Stanford University, 1953
CAROL ANN OSTROM, B.S., 1962
HELEN PETRIE OTTO, A.B., University of Wisconsin, 1931
VIRGINIA OPAL PATTON, B.S., Greenville College, 1955
DOUGLAS LEE PAULSON, B.S., Western Illinois University, 1960
ROSALIE MARIE PEARSON, B.S., Illinois State University at Normal, 1963
DONALD EUGENE PECK, B.S., Illinois State University at Normal, 1961
GARY ESKEL PETERSON, A.B., Rockford College, 1963
RICHARD BERNARD PETROWICH, B.S., 1961
MARGARET NADENE PHILLIPS, B.S., Western Illinois University, 1956
MARGUERITE MAE PIERCE, A.B., Augustana College, 1946
DONALD DUANE PIERSMA, A.B., Hope College, 1960
JEANNE JUDSON PRENTICE, A.B., University of Michigan, 1940
JAMES LANDON RACEY, B.S., Southern Illinois University, 1961
DARLEEN JOYCE RAUSCH, A.B., Elmhurst College, 1962
BONNIE JEAN REAM, A.B., Beloit College, 1961
VIOLA LEDFERD RICE, A.B., Illinois College, 1935
SAMUEL SMITH ROMINE, B.S., 1960
RUTH POWELL ROSS, B.F.A., University of Oklahoma, 1939
JACK EDWARD RUPERT, B.S., Stout Institute, 1954
JOHNNY CLARENCE RUSH, B.S., Illinois State University at Normal, 1961
MARY BOWMAN RUTGER, B.S., Eastern Illinois University, 1945
WAYNE LEROY SAMPSON, B.S., 1963
ALBERT RAYMOND SANDEFER, B.S., 1958
RICHARD RAY SANDERS, B.S., Eastern Illinois University, 1960
JAMES RONALD SAYERS, B.S., Indiana State Teachers College, 1960

ROLAND WILLIAM SCHROECK, B.S., Illinois Wesleyan University, 1957
 PATRICIA BOWERS SCHULTZ, B.S., Miami University, 1963
 JEAN DIANNE WESSEL SCOTT, A.B., Southern Illinois University, 1961
 VERNE FREDRICK SHELLEY, B.S., Olivet Nazarene College, 1962
 SISTER M. ROSAIRE BARTON, A.B., San Diego College for Women, 1959
 SISTER MARY ELISE BOCKE, A.B., St. Norbert College, 1952
 SISTER MARY JULIAN CLAREY, A.B., DePaul University, 1958
 SISTER SIENA MURPHY, A.B., St. Ambrose College, 1943
 SISTER SYLVESTER MUSCHALEK, A.B., St. Ambrose College, 1955
 SISTER M. MICHELLE RHEINLANDER, B.S., College of St. Scholastica, 1953
 SISTER MARY EMILIA ROTH, A.B., St. Ambrose College, 1957
 JAMES BAIN SLOTHOWER, B.S., 1957
 CARLA KNEPP SMITH, A.B., 1961
 JUDITH SHUBERT SMITH, A.B., University of Michigan, 1960
 ODETTE HOWARD SMITH, A.B., 1949
 MABELLE HEYWOOD SPARKES, A.B., Olivet Nazarene College, 1960
 MARION MOODY STEPHENSON, B.S., Illinois State University at Normal, 1961
 ALICE MAY SWANSON, A.B., Eureka College, 1959
 GERALD RAY TAPP, B.S., 1949
 CHARLES WILLIAM THOMAS, B.S., Agricultural, Mechanical, and Normal College (Arkansas), 1941
 STANLEY NORVAL TRUCKENBROD, B.S., Carthage College, 1961
 MARGARET CRAIG TULEY, B.Ed., Illinois State University at Normal, 1941
 GERALD LEE VARLAND, B.S., Tulane University of Louisiana, 1962
 THERESA MARY VENTURA, B.S., Illinois State University at Normal, 1960
 EDWARD JOSEPH VONDRAK, JR., B.S., Western Michigan University, 1961
 PAUL JOHN WALLJASPER, B.S., Western Illinois University, 1951
 JOAN REFFEITT WARNER, B.S., Eastern Illinois University, 1955
 SUZANNE WASMUND, B.S., Indiana State Teachers College, 1959
 LUTICIA JOHNSON WATERS, B.S., Southern Illinois University, 1962
 ROGER CONRAD WEST, B.S., Eastern Illinois University, 1957
 TALMADGE HOYT WIMER, B.S., University of Nebraska, 1950
 JEAN HELEN WOLFRAM, B.S., St. Louis University, 1954
 GEORGE C. YECK, B.S., Illinois State University at Normal, 1953
 APRIL B. ZORN, A.B., Monmouth College, 1959

Degree of Master of Social Work

ALETHIA HALE BECKER, A.B., Duke University, 1958
 ALAN PAUL RADDATZ, A.B., University of Denver, 1960
 DAVID SANFORD SLOCUM, B.S., Illinois State University at Normal, 1955

Degree of Master of Fine Arts

In Painting and Printmaking

WILLIAM VANCE DUNNING, B.F.A., M.F.A., University of Southern California, 1958, 1961
 MARGARET ANN PETERSON, B.F.A., University of Buffalo, 1962
 DENNIS MICHAEL ROWAN, B.S., University of Wisconsin (Milwaukee), 1962
 KAREN MAE SEVERS, B.F.A., Wayne State University, 1962

Degree of Master of Laws

MARGARET SCRANTON BRIDGES, A.B., LL.B., 1955, 1959
 JERRY ARLETH BROCK, B.S.C., Ohio University, 1960; J.D., University of Cincinnati, 1963

Degree of Master of Architecture

IVAN MALCOLM GLOVER, B.Arch., University of New Zealand, 1961
 JAMES EDWARD WRZESIEN, B.Arch., 1962

Degree of Master of Accounting Science

RICHARD ERNEST BARTLE, B.S., 1963
 NELSON EDDIE BENNETT, B.S., Hampton Institute, 1959

LUCY LU-CHEN CHAO, B.B.A., National Taiwan University, 1963
 MARVIN JOEL DICKMAN, B.S., 1964
 PAUL JOHN MEGINNIS II, B.S., 1963
 DONALD LEE MEIER, B.S., 1963
 EDWIN JOHN NEMEC, B.S., 1963

Degree of Master of Business Administration

RONALD JOSEPH BAUER, B.S., Washington University, 1960
 GRESHAM THEIS BREBACH, JR., B.S., 1963
 BIRTUS WARREN BRUCE, B.S., 1962
 HAROLD JOHN GALLAGHER, A.B., St. Joseph's College (Indiana), 1962
 KENT LINCOLN GRANZIN, B.S., United States Naval Academy, 1958
 JAMES HOMER HOUSTON, JR., A.B., B.S., Lehigh University, 1960, 1961
 LARS LESTER LARSON, B.S., 1962
 ROBERT RONALD PHILLIPS, B.S., Washington University, 1959
 DONALD JOSEPH RICKEN, B.S., Regis College, 1962
 EDWARD MARTIN SAMSON, B.S., 1962

Degree of Master of Comparative Law

PETER DYHR, Cand. Jur., University of Copenhagen, 1963
 BARD GAARDER, Graduate, University of Oslo, 1960
 ANTTI REIJO OLAVI SEIKKU, LL.B., University of Helsinki, 1961

Degree of Master of Commerce

IRA ISRAEL PRUZANSKY, B.S., 1962
 SUKANTO REKSOHADIPRODJO, Degree, Gadjah Mada University, 1961
 RAFFAELE VINCENZO VONGHIA, Laurea, University of Bari, 1960

Degree of Master of Extension Education

ROBERT MILTON WETHERELL, B.S., 1958

Advanced Certificate

In Education

IRENE AUDREY ANDERSON, B.S., A.M., Ball State Teachers College, 1956, 1957
 JOHN STEPHEN BARGER, B.S., University of Missouri, 1950; Ed.M., 1953
 KENNETH CLARENCE BRUMM, B.Ed., Illinois State University at Normal, 1939; M.S., 1947
 JANIE ALYCE CRAWFORD CHRIST, B.Mus., Eastman School of Music, 1946; M.S., 1949
 ALBERTA SMITH COLLINS, B.S., Alcorn College, 1947; M.S., 1954
 ALFRED STEWART DAVIS, B.S., M.S., 1960, 1962
 RICHARD ARMAND DENOYER, B.S., Olivet Nazarene College, 1958; Ed.M., 1962
 SAMI AYAD HANNA, Higher Diploma, Ain Shams University, 1950; M.S., Hunter College, 1957
 MARY VIRGINIA KIRBY, B.S., Indiana State Teachers College, 1930; Ed.M., 1960
 RICHARD CLEON KISER, B.S., M.S., Western Illinois University, 1957, 1958
 TED LEROY MARSTON, A.B., Franklin College, 1951; M.S., Butler University, 1958
 MILDRED ALBERT McMURRAY, B.S., Ed.M., 1959, 1962
 KAY REEVES MEGINNIS, B.S., M.S., 1958, 1961
 JOHN THOMAS NORTH, B.S., M.S., Southern Illinois University, 1956, 1961
 DAVID FLOYD OLSON, B.S., Illinois State University at Normal, 1958; Ed.M., 1961
 DARLENE MARIE SCHAEFER, A.B., A.M., 1945, 1951
 JACOB SCHLENKER, JR., B.S., Illinois State University at Normal, 1950; Ed.M., 1962
 PAULINE KERR SHAPPARD, B.Ed., Southern Illinois University, 1936; A.M., 1940
 HAROLD ARTHUR SMITH, B.Ed., Wisconsin State College (Whitewater), 1959; Ed.M., 1962
 GEORGE FRANK SPIEGEL, A.B., Western Maryland College, 1937; Ed.M., 1962

VIRGIL MARTIN STAPLES, B.S., Murray State Teachers College, 1949; A.M., University of Alabama, 1952

TRUNELLA WALKER STEWART, B.Ed., M.S., Illinois State University at Normal, 1943, 1959

JOHN PHINEHAS SYMES, B.S., University of Chattanooga, 1957; Ed.M., 1961

PATRICIA LOUISE WOLLER, B.S., Illinois State Normal University, 1956; Ed.M., 1962

In Music Education

HAZEL MAXINE ATKINS, B.S., M.S., 1942, 1961

JAMES EDGAR BREWSTER, B.Mus.Ed., M.Mus.Ed., Millikin University, 1951, 1953

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

ROBERT KEITH BEATTY

PHILLIP JAMES CHALLAND

JOHN HUGH CHALMERS, Honors

RAYMOND JOSEPH FOLWELL

JOSEPH EVERETT GALBRAITH

RALPH EUGENE JACKSON, Jr.

WALTER A. JILES, Jr.

DON EDWARD KOEHLER

JOHN PAUL LEE

MAYNARD WILLIAM MILLER

EARL EDWARD NEUMANN

JAMES RICHARD NEUMANN

JOE HARMON ONN

RONALD EVERETT POINTER

PHILIP HENRY RATHE

EDMOND HENDLEY REES

WILFORD EUGENE RENCH

RONALD JON SMITH

DAVID LANDIS SNAVELY

In Food Science

LERROY FRANKLIN DUVALL

CARL WAYNE HASTINGS, Honors

In Home Economics

JULIANA LAW CHAO

CHARLENE DIANE CROWELL

ZOE NELSON EVENSON

MARY JANE HOOG MACCALL

SUSAN ESTHER SCHORLEMER

ALISAN SNIDER

MARIAN ELIZABETH VAN WAGNER

In Home Economics Education

STARR LEE BRIDGE

In Restaurant Management

ROSEMARIE ANNETTE VASTA

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Aeronautical and Astronautical Engineering

GEOFFREY JOSEPH GROSGUTH

GERALD RAY KARR

In Ceramic Engineering

GEORGE EDWARD KRIMMEL

In Civil Engineering

TAHSIN ALAGOZ

SEDAT ASAR

NECDET YASAR BATAY

JOHN PATRICK COYNE

KEITH DUANE EDGINGTON

CHARLES EDWARD HICKS

DONALD FREDRICK JOHNSON

RICHARD HENRY LUBINA

JOHN CHRISTOPHER MINDER

KENNETH GEORGE NOLTE, High Honors

WAYNE ARTHUR PETERSON

GERALD WILLARD SMITH

WILLIAM DON SNIDER

In Electrical Engineering

CHARLES EDWARD ANZALONE

FRANK BERANEK

KENNETH PAUL BOURKE

RICHARD HAROLD BRADY

MITCHELL STANLEY BUDNIAK

ANTONIO JOSE BURBANO PEREZ

THOMAS JOSEPH CAMPBELL

MENG HO CHAN

MUNJED NAZIF EL-KHAIRY
 CALVIN FELDMAN
 JACOBO GIELCHINSKY SPITALNY, High
 Honors
 ROBERT EARL GRISWOLD
 WALTER JAMES HADCOCK
 THOMAS ALLEN HAEGER
 SHEREL DUANE HORSLEY
 CONSTANTINOS EVANGELOS HOUPIS
 NELS MICHAEL HOVEY
 PAUL HARRY JACOBS
 WILLIAM JOHN JOBST
 DENNIS CLIFTON JOHNSON
 THOMAS PAUL KAVALAUSKAS
 DIRY MARCEL KROKO
 GARY EDWARD LENHART

VICTOR ANTHONY LILL
 JAMES LOUIS MATYASOVICH
 JAMES ALBERT NORLING
 PHOTIOS PANAGIOTIS PANTAZOPOULOS
 CARMEN BENJAMIN PATTI
 DONALD JAMES PATZEM
 JAMES EDWARD RICKER
 ROBERT PAUL RIGGINS
 DONALD NELSON ROUSE
 DENNIS ARTHUR SHANAHAN
 HASSAN TERRAB
 JOHN JAMES VASILENKO
 EARL ROBERT WINKELMANN
 OLIVER YUEN
 KAI-TSENG YUNG

In Engineering Mechanics

DAVID LEE CARLSON
 LAMBERT BEN FREUND

ROBERT LEE NORWOOD

In Industrial Engineering

EDWIN ALBERT HOMOLKA, JR.

PAUL THORWALD LARSEN

In Mechanical Engineering

LONNIE ROSS BLANKENSHIP
 NIUSIC COIFMAN BLICSTEIN
 DONALD LEROY FREED, JR.
 ROBERT JAMES FULTON
 CLEMENT ANTHONY KUCENAS
 ALAN OTTO LEBECK, High Honors

CHUN-KEUNG LEUNG
 JAMES ROBERT LOBITZ
 THOMAS JOSEPH MARCISZ
 DONALD GARY MCNINCH
 JOHN DANNER MIDGARD
 CHRISTOPHER KING SHUNG TING

In Metallurgical Engineering

ROY EUGENE ADAMS
 KENNETH JOHN BORIS

THOMAS EDWARD DISZ
 RONALD LAWRENCE TOPP

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

JO-ANN WAITING ADAMS, Honors in
 Liberal Arts and Sciences with
 High Distinction in English
 MARY ANDREWS
 FRED CONNELL ATWOOD
 LUCILLE HOWE AULD
 PATRICIA PAGE BALDWIN
 JUDITH MERLE BARNES
 HARVEY JOEL BARNETT, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Political Science
 RICHARD LEONARD BIKONIS
 STUART E. BLOOM
 WILLIAM EDWARD BOSTON III
 HAROLD JOEL BRESSLER
 MELVIN PHILLIP BUBBRICK, Honors in
 Liberal Arts and Sciences
 DOUGLAS KAESER BUTLER
 EDNA MINA COHEN
 WILLIAM BRY COLVIN, JR.
 ROBERT FRANCIS CORCORAN
 SONIA EAGLE DIAZ
 CAMILLA DIANE ENRIGHT
 MICHAEL MORAN FARRIN

BENJAMIN FERREIRA
 IVANNA MARTYNIUK FOSTER
 JUDITH EDNA GRAMM
 ROBERT MORRISON GREENE
 EDWARD VALENTINE HARTIG
 FAYE MURIEL HIGHTOWER
 PHYLLIS JANECKE HUDSON
 BEVERLY HAZEL JACKSON
 SANDY KAHN
 SUZANNE WILLA KELCH
 JUDITH MARIE KROP
 IHOR WSEWOLOD KUTYNSKY
 JUDITH KATHARINE LAITSCH
 RICHARD BARRY LAZAR
 SORIANA MOTRIA LEBED
 PORTIA ELIZABETH SMITH LEFEBVRE
 ARLENE ROSALIND LEVIN
 BRIAN EMORY LLOYD, Honors in Lib-
 eral Arts and Sciences
 JOHN ALBERT LYNN, Honors in Liberal
 Arts and Sciences with Highest
 Distinction in History
 SCOTT CARREL PARKAY
 GAY PHOTOPULOS

ADAM ANTHONY PRYMULA

JOHN KEITH REYNOLDS

MARIA CLARA RÓSA

JOHN ROBERT ROSENWALD, Honors in
Liberal Arts and Sciences with
Highest Distinction in English and
High Distinction in German

JOSEPH BURTON ROUSSEAU

MERRILEE MARGARET RYDER, Honors in
Liberal Arts and SciencesLAUREL R. SCHIFFER, Honors in Lib-
eral Arts and Sciences

WILLIAM HENRY SCHMIDT

GERALD WILLARD SMITH

GEORGE EARL STABLER

ROBERT LOWELL ST. PIERRE

AUSTIN EDWARD SULLIVAN

GERALD WILLIAM SWANSON

RODNEY LAWRENCE TEICHNER, Honors
in Liberal Arts and Sciences

ROBERT LESLIE VESSEL

BETTE LOUISE WESSIES, Honors in Lib-
eral Arts and Sciences

JO ANN WESSON

RICHARD ALAN WHITE

SHERMAN LOUIS YACHER

LLOYD CRAIG ZAND

*In the Teaching of English*MAUREEN PATTERSON BEKEMEYER,
Honors in Liberal Arts and
Sciences

MAUREEN FRANCES CORCORAN

CHARLOTTE LENZ FORSTE, Honors in
Liberal Arts and Sciences

PAMELA HORSLEY

SHARON LYNN JOHNSON

LOIS LOUISE KRATZ

MARY ANN SCHOENHOFEN

BARBARA LYNN SOKOLEC

CAROL MARGRET VITZTHUM, Honors in
Liberal Arts and Sciences

SHERRY JAN WONG

*In the Teaching of Russian*MITCHELL STANLEY LUDWINSKI, Honors
in Liberal Arts and Sciences with
Distinction in the Curriculum*In the Teaching of Social Studies*

LEWIS YOUNG HANKENSON

THOMAS MICHAEL SZOT

Degree of Bachelor of Science*In Chemical Engineering*PAUL ROBERT BRUGGINK, Honors in
Liberal Arts and Sciences with
Highest Distinction in the Cur-
riculumEUGENE ROY DYKEMA, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in the Curriculum

THOMAS EARL MILLING

JAMES RUSSELL SMITH, Honors in Lib-
eral Arts and Sciences

SELAHATTIN UTKU

JOHN DANIEL WAGNER, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in the Curriculum*In Chemistry*DOUGLAS ROBERT BLACK, Honors in
Liberal Arts and Sciences with
Highest Distinction in the Cur-
riculumJOHN THOMAS BROWNRIGG, Honors in
Liberal Arts and Sciences with
High Distinction in the CurriculumEDITH BRUCKMANN, Honors in Liberal
Arts and Sciences

JAMES WILLIAM GALL

IZHACK OREF, Honors in Liberal Arts
and Sciences with High Distinc-
tion in the CurriculumDAVID PORTER RICHEY, Honors in Lib-
eral Arts and Sciences with Dis-
tinction in the CurriculumWILLIAM MICHAEL SHANHOLTZ, Hon-
ors in Liberal Arts and Sciences*In Liberal Arts and Sciences*PERRY CHARLES ABRAMS, Honors in
Liberal Arts and Sciences

JAMES EDWARD BARR

GEORGE FRED BECKER, JR.

CONSTANCE FAYE BERNBERG

JOEL EDWARD BODAMMER

ALAN DAVID BRAMOWITZ

SANDRA CHARLEE BREWER

WARREN ULRICH BRIGHAM

SHARON BLACKBURN BUGG, Honors in
Liberal Arts and Sciences

PATRICIA LOUISE BUNKER

GERALD ALLEN BURNETT

MORRIS BUTTON

WILLIS RAY CLARK

JAMES RALPH COOK

STEPHEN GEORGE COOK

JEANNIE EVELYN DEVINE

LESLIE LEE DOWNING
 MICHAEL WAYNE ELLIOTT
 GLEN LAURENCE GUNSALES
 MARY JO GURA
 FREDERICK TERRENCE HARRIS
 DAVID STITZ HULL, Honors in Liberal
 Arts and Sciences
 HANS DIETER JAKSCHIK
 JAMES EDWARD JAMES
 RICHARD GEORGE JONES
 MICHAEL STUART KAPLAN, Honors in
 Liberal Arts and Sciences
 CHARLES JERALD KLEIN
 CHARLOTTE KUPPERMAN
 STEWART ALLEN LAPIN, Honors in Lib-
 eral Arts and Sciences
 CURTIS EVAN LARSEN
 RICHARD ALBERT LUTES, JR., Honors in
 Liberal Arts and Sciences
 MICHAEL JOSEPH MAXIMOV
 JANET RUBY MESERVE
 GEORGE JOSEPH MIEL
 RITA-MARIE PATRICIA NORDHEDEN
 MICHAEL JOSEPH O'NEIL
 KENNETH CARL OROS
 JERILYN ANN PETROVICH
 CAROL ANN PLETTA
 JAMES WILLIAM POWELL

ADAM ANTHONY PRYMULA
 LAWRENCE FREDRICK RAPPAPORT
 FERENC REVI
 JAMES PAUL ROOT
 BARBARA ANN ROSENQUIST
 ELIZABETH HERSMAN RUSSELL
 STUART SIKEVITZ
 OLIVIA MARY SKVARLA
 KENNETH RAY SLONNEGER, Honors in
 Liberal Arts and Sciences
 CARL WILLIAM SODERSTROM, JR.
 MICHELE SUCHARD STERN, Honors in
 Liberal Arts and Sciences
 MELVYN SEYMOUR TOCKMAN
 GAIL RENÉE TULER
 GEORGE E. VLAHOS
 MARY ESTHER WADE, Honors in Lib-
 eral Arts and Sciences with Dis-
 tinction in Geology
 JANIS LYNNE WETHERELL, Honors in
 Liberal Arts and Sciences with
 Distinction in Psychology
 CAROLYN JEAN WHITENACK
 EUGENE MCPHERSON WOODARD
 LAURENCE GLENN YELLEN, Honors in
 Liberal Arts and Sciences
 RICHARD HENRY ZEISS, Honors in Lib-
 eral Arts and Sciences

In Physics

CHRISTOPHER HENRY SALZMANN, Hon-
 ors in Liberal Arts and Sciences

In Speech Correction

PATRICIA ANN VAN DYKE
 TRUDY ELIZABETH VINES, Honors in
 Liberal Arts and Sciences

In the Teaching of the Biological Sciences and General Science

BONNIE KAPLAN NELSON, Honors in
 Liberal Arts and Sciences

COLLEGE OF LAW

Degree of Bachelor of Laws

GEORGE NICHOLAS AVGERIS, A.B., North
 Central College, 1961
 JOHN ALLAN CARLON, B.S., Illinois
 State Normal University, 1959
 PATRICIA HONSA CARLON, B.S., Illinois
 State Normal University, 1960
 LOUIS PARK DAVIS, A.B., Illinois Col-
 lege, 1961
 BRUCE IAN GORDON, A.B., Bradley Uni-
 versity, 1962
 JUDY MAE JACKSON, A.B., State Uni-
 versity of Iowa, 1958; Honors

WARREN EAMES JOHNSON, A.B., 1961
 LEHMAN DELMAR KRAUSE, B.S., Wash-
 ington University, 1950, 1959
 DANIEL GORDON LEVER, B.S., Northern
 Illinois University, 1959
 JOHN CHRISTOPHER MULGREW, JR., A.B.,
 1962
 JOHN DAVID RIDDLE, A.B., Millikin
 University, 1960
 PETER MICHAEL SOBLE

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

JESSE DAYMON AEILTS, Honors
 BARBARA JOAN ALLEN

RICHARD ALAN HELLER
 LYNNE MARIAN LAWSON

NANCY GRACE MEEDEN
WILLIAM EDWARD ROGERS

JANE ANN THOMPSON, Honors

In the Education of the Deaf

JUDITH HOPE HARTNETT

In the Education of Mentally Handicapped Children

MAXINE RADLOFF MEYER

In Elementary Education

GLORIA JEAN ALEXA
LINDA BARTELLI BLACK
KAY LORENE CARNS
ROSEMARY JEAN COLEMAN
CAROLE SUABEDISSEN DAILY
ANNETTA BERNIECE DAVIS
JUANITA VICTORIA GASS
CAROLYN MASSIE HAYDEN
KATHERINE ANNE HLAVACEK
JUDITH STEWART JACKSON

HELEN MILDRED KEMP
ANN CLARICE KEMPF
RUTH SIBIL LANG
SANDRA ANN OCRANT
ETHEL WEBBER OWEN
KATHRYN DAVIS ROWAND
JUDITH REASON TOMLIN
FLORENCE CALDER WILLIAMSON, Honors
RIVKA YAVIN

In Industrial Education

CHARLES ALBERT HUTH
ROBERT LEE LINK

EDWARD EARL SCHIEFER

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

ROBERT MICHAEL ABEL
HENRY MOORE ANDING, JR.
ANTHONY PATRICK BASILE
MICHAEL CHARLES BRACKE
WILLIAM LAWRENCE BROCKSCHMIDT
MICHAEL MATTHEW CULLY
JACK LEROY DEFORD
DENNIS PAUL EDSON
JOHN FREDERICK ERNEST, JR.
ROLAND LOUIS FORTMAN
CHARLES WILLIAM HANSON

KEVIN JAMES HAYES
MELVIN MARION HOLDA
LOUIS RICHARD JORDAN
DOUGLAS PETER MATHESON
RICHARD LYNN RUSSELL
DONALD ANTON SMANIA
LOREN WILLAM SMITH
ROBERT EARL SWANSON
ECKHARD VEDDER, Honors
JACK CORNELIUS VIELEY

In Commerce and Law

BURTON ALBERT GROSS

TIMM GREGORY SMITH

In Commercial Teaching

CATHERINE CHRISTINE SUDKAMP

In Economics

PAUL ELLIOT FEIWELL
ELAINE RUTH GOLDSTEIN, High Honors
GARY DEAN KERBER

BURTON LINDNER
NEIL ALAN ROBERTSON

In Economics and Management

THOMAS JEROME CYBORSKI

MELVIN ARMANDO MARINI

In Finance

AUGUST LOUIS BENASSI, High Honors
GEORGE WILLIAM GASTINEAU
FRED STANLEY GRYGIEL
ROBERT STANLEY LINEBACK, JR.

RONALD GENE LUDLOW
RONALD EDWARD STONE
LEE PAUL WENHART

In Industrial Administration

JOHN WORTHINGTON FARROW
CHARLES LOWELL HARRIS

WILLIAM ALLEN MILLIS

In Management

EDWARD JAMES BOLAND
BRUCE WILLIAM BUNKENBURG
LELAND RAND CHALMERS
ORVILLE LOUIS FRANK
OREN JACKSON HENSLEY III
STANLEY RICHARD MILLER

SANDRA INARA OZOLIN
CHARLES JOHN POLITSCH
TIMOTHY ROBERT SCHRADER
CHARLES RICHARD SKAGGS
WILLIAM EDWARD THOLKE
JAMES RENE TOGNACCI

In Marketing

GARY WILLIS BEADLES
CALVIN LOUIS DEWEERDT
JOHN FRANCIS DONOHUE
GARY ALAN GURVEY
JUDITH ANNETTE IRLE
GERALD ARLEN JOHNSON
RONALD CHARLES LABINE
ROBERT MARSHALL LANCASTER
JOSEPH ANTHONY LECINSKI

JAMES PATRICK McLAUGHLIN
PAUL FREDERIC MORTENSEN
JOHN FRANCIS O'NEILL
RICHARD DAVID PARSON
DONALD ELMER SCHWENK
RONALD CHARLES SIDES
JEFFREY LLOYD SIPPIL
JOHN PETER VON THADEN II

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

MARK ANDREAS ANDERSON
ELIZABETH ANN BALDWIN
MARY TERESE CATRAMBONE
WILLIAM NOELL COFFEE
KENNETH ROBERT KELLER

MILLICENT SLOBODA LANE
GARY LAWRENCE LIEBMAN
ROGER EARL YOUNG
LAVERN AMOS ZEHR

COLLEGE OF FINE AND APPLIED ARTS**Degree of Bachelor of Architecture**

GEORGE LOUIS ADAMS
ARLAN CABLE
GREGORY JOHN KACHORIS
TOM ROSS LIND McIVER

DAVID BRUCE RAWCLIFFE
WILLIAM REGINALD THOMAS
DAVID STROUSE TRAUB, JR.
LENARD HINDS WOLFSON

Degree of Bachelor of Fine Arts*In Advertising Design*

DONALD ANDREW NEWGREN

In Art Education

JEAN LIEDTKE PERRY

KAREN JEAN WARTICK

In the History of Art

KATHERINE IRENE HEWSON
ROSEMARY REISER

BURTON LEE WOOD, Honors

In Painting

SANDRA HALPERN
JOHN HELMUT PACYNA
PATRICIA GLEE SMITH

SANDRA ANN STEVENS
HOLLY ANN WREATH

In Sculpture

WILLIAM CHARLES HARRINGTON

Degree of Bachelor of Music

JOHN GUY DUKER
JOSEPH EUGENE PIVAL, Honors

BARTON JOSEPH WOLGAMOT

Degree of Bachelor of Science*In Music Education*

JUDITH ANN BAACKE
TRESSA FRIEDMAN BORKON
PENNY KAREN FIEGEN
SANDRA LU HILL
NORMA JEANE LEWIS, Honors

JANET HARTER MCCLELLAN
ALICE MENDERA PALMER
SISTER ANN MARITA CAIN, High
Honors
SISTER AMATA MITCHELL, Honors

COLLEGE OF PHYSICAL EDUCATION**Degree of Bachelor of Science***In Physical Education*

NEAL ANDERSON
WILLARD FRANCIS BRESTAL
ALLEN EDWARD FRANZ

CARL VIVIAN GATES
GEORGE GOLDBERG
JOSEPH LOUIS MOTA

In Recreation

ROBERTA HELEN REJDUKOWSKI
CECILY ANN SYPULT

WILLIAM CHRISTIAN WALTERS, High
Honors

COLLEGE OF VETERINARY MEDICINE**Degree of Bachelor of Science***In Veterinary Medicine*

ROY EDWARD SMITH

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; resignations, declinations, cancellations, and terminations; leaves of absence; sabbatical leaves of absence.

APPOINTMENTS MADE BY THE PRESIDENT

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

ALBERS, GEORGE A., Instructor in Architecture, academic year, \$8,000 (7-31-64).
ALVARENGA, JUAN R., Instructor in Anatomy, College of Medicine, one year from September 1, 1964, \$7,700 (7-30-64).

ANDERSEN, FERRON L., Assistant Professor of Veterinary Parasitology, College of Veterinary Medicine (Department of Veterinary Pathology and Hygiene, 58 per cent time, \$5,250; and Center for Zoonoses Research, 42 per cent time, \$3,750), one year from September 1, 1964, \$9,000, supersedes (8-19-64).

ANDERSEN, SAYRE D., Instructor in English, academic year, \$5,400 (7-21-64).

ANDERSON, EVELYN M., Clinical Instructor in Neurology, Department of Neurology and Neurological Surgery, College of Medicine, $\frac{2}{3}$ time, one year from September 1, 1964, \$3,000 (8-10-64).

ANDERSON, JANICE K., Instructor in Nursing, academic year, \$6,300 (7-15-64).

ANDERSON, ROBERT W., Research Engineer in the Coordinated Science Laboratory (C), one year from September 1, 1964, \$12,000, supersedes (8-19-64).

ANG, ALFREDO, Associate Professor of Civil Engineering, College of Engineering, indefinite tenure, to render service during each academic year, and Associate Member, Center for Advanced Study, Graduate College, academic year 1964-65, \$12,000 (7-31-64).

ARIENS, PHYLLIS J., Instructor in Speech and Theatre, academic year, \$6,700 (7-30-64).

ASHBY, W. ROSS, Professor of Electrical Engineering, College of Engineering, and Professor of Biophysics, Department of Physiology and Biophysics, Col-

- lege of Liberal Arts and Sciences, one year from September 1, 1964, \$16,000, on leave with half pay six months from September 1, 1964; and Professor of Electrical Engineering (C), indefinite tenure, from September 1, 1965, supersedes (7-27-64).
- ASPEN, ANITA J., Research Associate in Dairy Science (S), one year from September 1, 1964, \$7,500 (8-20-64).
- AUER, EMMA, Instructor in Advertising, College of Journalism and Communications, $\frac{1}{2}$ time, academic year, \$2,500 (8-17-64).
- AUKES, LEWIS E., Coordinator of Student Data System, Office of Admissions and Records, one year from September 1, 1964, \$9,000, supersedes (8-13-64).
- AUSTIN, DAVID F., Clinical Assistant Professor of Otolaryngology, College of Medicine, one year from September 1, 1964, without salary (8-20-64).
- BAIRD, JACK R., Assistant Professor of Electrical Engineering (C), one year from September 1, 1964, \$10,900, supersedes (7-27-64).
- BALMAIN, KEITH G., Assistant Professor of Electrical Engineering (C), one year from September 1, 1964, \$11,000, supersedes (7-27-64).
- BARKER, ARTHUR E., Professor of English, indefinite tenure, to render service during each academic year, and Associate Member, Center for Advanced Study, Graduate College, for the first semester of the academic year 1964-65, \$20,000, supersedes (7-31-64).
- BARROWS, JOHN T., JR., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year, \$2,500 (8-3-64).
- BARSAN, VASILE C., Instructor in French, $\frac{2}{3}$ time, academic year, \$4,800 (8-14-64).
- BASU, GOBINDA L., Research Associate in Chemistry, September 1-25, 1964, \$566.67 a month (8-19-64).
- BAYM, MRS. NINA Z., Instructor in English, academic year, \$7,200 (7-15-64).
- BECKER, HAROLD N., Instructor in Veterinary Research and Extension, Department of Veterinary Pathology and Hygiene, College of Veterinary Medicine, Agricultural Experiment Station, and Cooperative Extension Service in Agriculture and Home Economics, July 1, 1964-August 31, 1965, \$10,000 a year (8-3-64).
- BEHRENS, JOHN H., Assistant Extension Editor, with rank of Assistant Professor (E), July 15, 1964-August 31, 1965, \$12,000 a year (7-23-64).
- BLANCO-GONZALEZ, MANUEL, Instructor in Spanish, Chicago Undergraduate Division, $\frac{1}{2}$ time, to render service during the first semester of the academic year, \$1,500 (8-11-63).
- BLAU, ZENA S., Assistant Professor of Nursing, $\frac{1}{2}$ time, academic year, \$4,250, supersedes (8-10-64).
- BLOOM, WESLEY C., Instructor in Medical Illustration, Medical Center, Chicago, academic year, \$6,000 (7-31-64).
- BLUMENTHAL, SHIRLEE, Instructor in English, Chicago Undergraduate Division, academic year, \$5,400 (8-10-64).
- BOBREN, HOWARD M., Research Assistant Professor in the Institute of Communications Research, College of Journalism and Communications, $\frac{2}{3}$ time, \$6,667, and Research Assistant Professor of Psychology, College of Liberal Arts and Sciences, $\frac{1}{3}$ time, \$3,333, total salary \$10,000, for one year from September 1, 1964 (8-20-64).
- BODEN, NEVILLE, Research Associate in Chemistry, September 16, 1964-August 31, 1965, \$6,300 a year (7-30-64).
- BOEHNER, BEAT, Research Associate in Chemistry, eleven months from October 1, 1964, \$6,100 a year (7-30-64).
- BOXER, ROBERT W., Instructor in Medicine, College of Medicine, $\frac{3}{4}$ time, one year from July 1, 1964, \$7,500 (7-20-64).
- BRADLEY, LAWRENCE B., Instructor in Speech and Theatre, academic year, \$5,500 (7-16-64).
- BRANDES, HAL, Instructor in Art, academic year, \$6,600 (8-24-64).
- BRAUNFELD, PETER G., Assistant Professor of Mathematics and of Education, University High School, Digital Computer Laboratory, and Department of Mathematics, one year from September 1, 1964, \$13,200, supersedes (7-30-64).
- BRONSKY, DAVID, Assistant Professor of Medicine, College of Medicine, $\frac{1}{10}$ time, ten months from September 1, 1964, \$100 a month (8-20-64).
- BROWN, MORTIMER, Assistant Professor of Psychology, Department of Psychiatry, College of Medicine, one year from September 1, 1964, without

- salary; this is in addition to his appointment as Visiting Lecturer in Psychology with rank of Assistant Professor, at Urbana (8-10-64).
- BROWNS, HERSCHEL L., Clinical Assistant Professor of Medicine, College of Medicine, $\frac{2}{3}$ time, one year from September 1, 1964, \$3,400 (8-20-64).
- BRUMBAUGH, JOHN R., Visiting Lecturer in History, Chicago Undergraduate Division, Summer Session of 1964, $\frac{2}{3}$ time, June 19-August 14, 1964, \$894 for the period (7-14-64).
- BRÜN, HERBERT J., Visiting Lecturer in Music, College of Fine and Applied Arts, $\frac{1}{2}$ time, and Visiting Research Associate in Music, Graduate College, $\frac{1}{2}$ time, nine months from September 16, 1964, \$8,800, supersedes (7-31-64).
- BRUUN, GEOFFREY, Visiting Professor of History, Division of General Studies, nine months from September 16, 1964, \$20,000 (7-27-64).
- BRYANT, ROBERT H., Instructor in Materials and Mechanics, Chicago Undergraduate Division, $\frac{1}{2}$ time, academic year, \$3,950, supersedes (8-20-64).
- CALAHAN, DONALD A., Associate Professor of Electrical Engineering, College of Engineering, two months from July 1, 1964, \$1,000 a month; this is in addition to his present appointment (7-29-64).
- CAMPBELL, JACKSON J., Professor of English, Summer Session of 1964, $\frac{1}{2}$ time, June 15-August 8, 1964, \$1,667 for the period, supersedes previous Summer Session appointment (5-25-64).
- CANTEZ, TALAT, Clinical Instructor in Pediatrics, College of Medicine, one year from September 1, 1964, without salary (7-31-64).
- CHANDLER, MARGARET K., Professor of Sociology, Chicago Undergraduate Division, indefinite tenure, to render service during each academic year; and Associate Member, Center for Advanced Study, Graduate College, for the first semester of 1964-65, \$10,800, supersedes (8-14-64).
- CHAPMAN, H. STOW, Instructor in Architecture, academic year, \$7,500 (7-31-64).
- CHAPMAN, MRS. MARGUERITE, Instructor in Medical Social Work, College of Medicine, one year from September 1, 1964, \$7,800, supersedes (8-11-64).
- CHEZE, MARY V., Instructor and 4-H Club Specialist, Cooperative Extension Service in Agriculture and Home Economics, September 20, 1964-August 31, 1965, \$7,200 a year (8-13-64).
- CHOWDAIAH, BIJAVARA N., Research Associate in Zoology, one year from September 1, 1964, \$6,500 (7-14-64).
- CIPLIJAUSKAITE, DANUTE, Instructor in Foreign Languages, Chicago Undergraduate Division, Summer Session of 1964, $\frac{2}{3}$ time, June 19-August 14, 1964, \$771 for the period (7-14-64).
- CLARK, SHIRLEY M., Research Assistant Professor in the Institute of Communications Research, College of Journalism and Communications, August 10-24, 1964, \$744.44 a month; this is in addition to her present appointment (8-14-64).
- CLIFFORD, JOHN J., Research Associate in Education (University High School), one year from September 1, 1964, \$11,300, supersedes (8-10-64).
- COHEN, DAN, Visiting Research Associate in Electrical Engineering, College of Engineering, one year from September 1, 1964, \$8,250 (7-30-64).
- COKE, JAMES G., Associate Professor of Urban Planning, Department of Urban Planning and Landscape Architecture, College of Fine and Applied Arts, indefinite tenure, and Director of the Office of Community Development, Executive Vice-President and Provost's Office, one year from September 1, 1964, \$15,000, supersedes (7-31-64).
- COOK, RALPH L., Professor of Ceramic Engineering, Summer Session of 1964, $\frac{1}{2}$ time, June 15-August 8, 1964, \$1,645 for the period (7-14-64).
- CORDES, CLAUS, Research Associate in Chemistry, November 16, 1964-August 31, 1965, \$7,000 a year (7-30-64).
- CORNELL, HARRISON K., Assistant Editor, with rank of Instructor, College of Veterinary Medicine, one year from September 1, 1964, \$7,200 (8-20-64).
- CRIGGEE, LUTZ, Research Assistant Professor of Physics (C), July 27-October 26, 1964, \$900 a month (8-10-64).
- CROSS, MARSHA L., Instructor in Occupational Therapy, College of Medicine, one year from September 1, 1964, \$6,500 (8-20-64).
- CROW, W. D. L., Research Associate in Chemistry, October 1-18, 1964, \$550 a month (8-19-64).
- CRUZ, ANTONIO B., Instructor in Medicine, College of Medicine, one year from September 1, 1964, without salary (8-20-64).

- CURLEY, DANIEL, Professor of English, indefinite tenure from September 1, 1964, to render service during each academic year, \$11,000 a year, supersedes (7-17-64).
- DANGERFIELD, ROYDEN, Associate Provost, $\frac{1}{2}$ time, Director of International Programs and Executive Director of the Midwest Universities Consortium for International Activities, $\frac{1}{2}$ time, one year from September 1, 1964; Professor of Political Science, indefinite tenure, from September 1, 1964, total salary \$27,125, supersedes (8-5-64).
- DAVIS, CHARLES S., Clinical Instructor in Medicine, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1964, \$1,500 (8-20-64).
- DAVIS, EARL E., Visiting Instructor and Research Associate in Psychology, academic year, \$7,500 (8-10-64).
- DAVIS, EDWARD A., Research Assistant Professor of Physics (C), two months from September 1, 1964, \$708.33 a month (8-19-64).
- DEGENFORD, JAMES E., Research Associate in Electrical Engineering (C), one year from September 1, 1964, \$9,400, supersedes (8-19-64).
- DOHERTY, ROSEMARIE, Instructor in Nursing, academic year, \$6,300 (7-15-64).
- DOLD, CHARLES N., Research Associate in the Bureau of Institutional Research, August 1, 1964-August 31, 1965, \$12,500 a year (8-3-64).
- DONOVAN, CECIL V., Consultant, Krannert Art Museum, $\frac{1}{2}$ time, nine months from September 16, 1964, \$8,050, supersedes (8-13-64).
- EHRET, THOMAS K., Instructor in English, $\frac{1}{2}$ time, \$2,700, and Student Counselor, College of Liberal Arts and Science, $\frac{1}{2}$ time, \$3,000, academic year, total salary \$5,700, supersedes (7-20-64).
- EISEN, NATHANIEL H., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year, \$4,800 (8-10-64).
- ENGEL, FRIEDA H., Assistant Professor in the Jane Addams Graduate School of Social Work, $\frac{1}{3}$ time, academic year, \$3,000 (8-10-64).
- ENGELMANN, SIEGFRIED E., Research Associate in the Institute for Research on Exceptional Children, two months from June 16, 1964, \$1,334 (7-15-64); and five months from September 1, 1964, \$3,375 (8-20-64).
- EVANS, WILLIAM H., Associate Professor of English Education, Secondary and Continuing Education, College of Education, indefinite tenure from September 1, 1964, to render service during each academic year, \$9,650 a year, supersedes (8-13-64).
- FAGAN, JAMES E., Instructor in Art, academic year, \$5,700 (7-10-64).
- FELTON, RICHARD P., Instructor in Business English, academic year, \$6,200, supersedes (7-27-64).
- FELTSKOG, ELMER N., Instructor in English, academic year, \$5,400, supersedes (7-20-64).
- FERBER, MRS. MARIANNE A., Lecturer in Economics, academic year, \$9,500 (7-17-64).
- FITZGERALD, SHEILA, Instructor in Nursing, academic year, \$6,300 (7-15-64).
- FLETCHER, ALAN D., Instructor in Advertising, College of Journalism and Communications, $\frac{1}{2}$ time, academic year, \$2,500 (8-17-64).
- FORD, NEIL M., Research Associate in the Bureau of Economic and Business Research, two months from July 1, 1964, \$1,300 (7-8-64).
- FORNARI, OFELIA C., Instructor in Spanish, academic year, \$5,700 (8-10-64).
- FORSYTH, JOHN D., Instructor in the Graduate School of Business Administration, College of Commerce and Business Administration, $\frac{2}{3}$ time, academic year, \$4,000 (7-28-64).
- FOX, MRS. ANN M., Instructor in the Graduate School of Library Science, $\frac{1}{2}$ time, academic year, \$3,000 (7-13-64).
- FOX, JOHN D., Research Associate in Physics (C), one year from September 1, 1964, \$8,500 (8-13-64).
- FRACKOWIAK, DANUTA, Research Associate in Botany, one year from September 1, 1964, \$6,500 (8-19-64).
- FRANK, EVELYN, Professor of Mathematics, Chicago Undergraduate Division, indefinite tenure, to render service during each academic year, and Associate Member, Center for Advanced Study, Graduate College, to render service during the second semester of the academic year 1964-65, \$14,000, supersedes (8-14-64).

- FRANKMANN, MRS. JUDITH P., Assistant Professor of Psychology, $\frac{1}{3}$ time, academic year, \$2,750 (8-13-64).
- GADDY, OSCAR L., Research Assistant Professor of Electrical Engineering (C), one year from September 1, 1964, \$11,800, supersedes (7-21-64).
- GAGE, VIVIAN E., Research Associate in Microbiology, one year from September 1, 1964, \$7,600 (8-20-64).
- GARDNER, MRS. JEANNE C., Instructor in Mathematics, Department of Chemistry, College of Pharmacy, academic year, \$6,000 (7-15-64).
- GAVER, ROBERT C., Research Associate in Chemistry, academic year, \$6,300 (8-19-64).
- GEORGE, MARGARET Y., Assistant Professor of History, Chicago Undergraduate Division, academic year, \$7,200 (8-10-64).
- GLASS, ALAN B., Instructor in Architecture, academic year, \$8,000 (7-31-64).
- GOLDFARB, IRWIN, Clinical Instructor in Surgery, College of Medicine, July 1, 1964-August 31, 1965, without salary (7-9-64).
- GOMBOS, GEORGE, Research Associate in Psychiatry, College of Medicine, six months from September 1, 1964, \$729.17 a month (7-31-64).
- GRAHAM, GENE S., Visiting Lecturer in Journalism, academic year, \$12,000 (7-17-64).
- GRAVENS, CHARLES N., Assistant Professor of Physiology, Department of Dairy Science (C and S), one year from September 1, 1964, \$9,500 (8-21-64).
- GREENWOOD, GERTRUDE S., Visiting Professor of the Classics, $\frac{1}{2}$ time, academic year, \$6,000 (8-19-64).
- GRIEBLE, HANS G., Assistant Professor of Medicine, College of Medicine, 9/10 time, July 16-August 31, 1964, \$9,360 a year, and four months from September 1, 1964, \$10,260 a year; and Assistant Professor of Medicine, College of Medicine, full time for eight months from January 1, 1965, \$11,400 a year, supersedes (7-31-64).
- GRIFFIN, ROBERT S., Clinical Instructor in Medicine, College of Medicine, $\frac{2}{3}$ time, ten months from September 1, 1964, \$250 a month (8-20-64).
- GUSFIELD, JOSEPH R., Professor of Sociology, College of Liberal Arts and Sciences, and Institute of Labor and Industrial Relations, one year from September 1, 1964, \$16,500; and Professor of Sociology, College of Liberal Arts and Sciences, indefinite tenure from September 1, 1965, supersedes (7-27-64).
- HADRA, RUTH, Instructor in Occupational Therapy, College of Medicine, one year from September 1, 1964, \$7,500 (8-20-64).
- HALE, WILLIAM T., Assistant Professor of Education, University High School, academic year \$9,750 (8-19-64).
- HALEEM, MOHAMMED A., Research Associate in Chemistry, two months from September 1, 1964, \$508.33 a month (7-31-64).
- HALL, JAMES W., Research Associate in Motion Picture Services, College of Journalism and Communications, one year from August 1, 1964, \$7,500 (7-30-64).
- HAMILTON, TOM S., Administrative Secretary to the North Central Experiment Station Directors, Agricultural Administration (S), $\frac{1}{2}$ time, one year from September 1, 1964, \$7,800 (7-30-64).
- HANDELMAN, C. S., Research Associate in Administration, assigned to Cleft Palate Center, College of Dentistry, August 1, 1964-August 31, 1965, \$9,500 a year (7-14-64).
- HANDLER, ELLEN I., Research Associate in the Jane Addams Graduate School of Social Work, $\frac{3}{4}$ time, one year from September 1, 1964, \$5,670, supersedes (7-30-64).
- HANEY, JOHN B., Director of Office of Instructional Resources, with rank of Associate Professor, Chicago Undergraduate Division, July 20, 1964-August 31, 1965, \$14,500 a year, supersedes (8-26-64).
- HANRATTY, THOMAS J., Professor of Chemical Engineering, indefinite tenure from September 1, 1964, to render service during each academic year, \$17,000 a year, supersedes (7-17-64).
- HARRIS, ELEANOR K., Instructor in English, Chicago Undergraduate Division, Summer Session of 1964, June 19-August 14, 1964, \$1,378 for the period (7-14-64).

- HARTDAGEN, GERALD E., Instructor in History, Chicago Undergraduate Division, Summer Session of 1964, $\frac{2}{3}$ time, June 19-August 14, 1964, \$771 for the period (7-14-64).
- HARTMAN, JOHN R., Clinical Instructor in Radiology, College of Medicine, $\frac{1}{10}$ time, one year from September 1, 1964, \$1,520 (8-20-64).
- HAY, RALPH C., Professor of Agricultural Engineering (E), indefinite tenure from July 1, 1964, \$15,000 a year (7-27-64).
- HEIGOLD, WILLIAM G., Instructor in French, $\frac{1}{3}$ time, to render service during the first semester of the academic year, \$1,000 (8-14-64).
- HEIKOFF, JOSEPH M., Professor of Regional Planning, indefinite tenure from September 1, 1964; Professor of Political Science, $\frac{1}{3}$ time, for the first semester; Director of the Bureau of Community Planning, $\frac{2}{3}$ time for the first semester and full time from February 1, 1965, \$16,200, supersedes (8-13-64).
- HEINLEY, JOANNE L., Instructor in Nursing, academic year, \$6,500 (7-15-64).
- HEULER, HENRY J., Instructor in Art, academic year, \$6,000 (7-10-64).
- HILKER, GLORIA, Assistant Professor of Health Science and Medical Adviser to Women, Chicago Undergraduate Division, $\frac{1}{2}$ time, one year from September 1, 1964, \$6,800, supersedes (7-10-64).
- HODGES, WILLIAM W., Agricultural Shop Specialist for service at the Njala University College, Njala via Mano, Sierra Leone, under Contract USAID/AFR-132, two years from July 28, 1964, \$12,000 a year (7-23-64).
- HOFFMAN, FREDERICK, Instructor in Mathematics, Summer Session of 1964, $\frac{1}{2}$ time, June 15-August 8, 1964, \$778 for the period (8-6-64).
- HUANG, SAMUEL J., Research Associate in Chemistry, one month from September 1, 1964, \$508.33 (8-20-64).
- HUGHES, ROBERT T., Instructor in Art, academic year, \$8,000 (8-14-64).
- HUTSON, LINDA J., Instructor in Textiles and Clothing, Department of Home Economics (C), academic year, \$5,400 (8-20-64).
- INOUE, YUKIO, Research Associate in Plant Pathology (S), September 16, 1964-August 31, 1965, \$6,100 a year (8-19-64).
- IRGENS, ROAR L., Research Associate in Agricultural Engineering (S), one year from September 1, 1964, \$8,750 (8-21-64).
- IVERSON, H. VICTORIA, Assistant Professor of Health Science and Consultant in Dermatology, Health Service, Chicago Undergraduate Division, $\frac{5}{100}$ time, one year from September 1, 1964, \$700, supersedes (7-10-64).
- IZARD, RALPH S., JR., Instructor in Journalism, $\frac{1}{2}$ time, academic year, \$3,000 (7-30-64).
- JACKSON, HUGH M., Instructor in General Engineering (C), academic year \$6,500 (7-16-64).
- JACOBS, LESTER, Assistant Professor of Clinical Dentistry, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1964, \$4,500, supersedes (7-30-64).
- JACOBS, PAUL H., Research Associate in English, one year from September 1, 1964, \$11,000 (8-20-64).
- JAGIELLO, GEORGIANA, Associate Member, Center for Advanced Study, Graduate College, and Assistant Professor of Medicine, College of Medicine, one year from September 1, 1964, \$11,500, supersedes (8-14-64).
- JEAN, WILLIAM H., Assistant Professor of Finance, academic year, \$8,800, supersedes (8-13-64).
- JOHNSON, ELLIS D., Clinical Instructor in Neurology, Department of Neurology and Neurological Surgery, College of Medicine, $\frac{2}{5}$ time, one year from September 1, 1964, \$3,000 (8-10-64).
- JOHNSON, FALK S., Associate Professor of English, Chicago Undergraduate Division, Summer Session of 1964, June 19-August 14, 1964, \$2,223 for the period (7-14-64).
- JOHNSON, JOHN A., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year, \$2,500 (8-7-64).
- JOHNSON, MILDRED S., Consultant, with rank of Assistant Professor, in the Jane Addams Graduate School of Social Work, $\frac{1}{2}$ time, one year from September 1, 1964, \$5,250, supersedes (7-30-64).
- JONES, BARCLAY G., Instructor in Mechanical Engineering, $\frac{3}{4}$ time, \$6,375, and of Nuclear Engineering, $\frac{1}{4}$ time, \$2,125, College of Engineering, academic year, total salary \$8,500 (8-20-64).

- JONES, DEBORAH A., Registrar in the Department of Art, with rank of Instructor, in the Krannert Art Museum, one year from September 1, 1964, \$6,100 (7-31-64).
- JORDEN, ROGER M., Research Associate in Civil Engineering (C), academic year, \$6,400 (7-13-64).
- JOY, KENNETH W., Visiting Research Associate in Plant Physiology, Department of Agronomy (S), one year from September 16, 1964, \$7,500 (8-14-64).
- KALMEY, ROBERT P., Instructor in English, academic year, \$7,000 (7-30-64).
- KARNES, M. RAY, Professor of Vocational and Technical Education, College of Education, indefinite tenure, and Chairman of the Department of Vocational and Technical Education, for one year, from September 1, 1964, \$20,500 (8-13-64).
- KELLY, BRUCE B., Counselor in Speech and Theatre Summer Residential Program, Summer Session of 1964, 16/100 time, June 15-August 8, 1964, \$150 (7-15-64).
- KELLY, GERRY L., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year, \$2,600 (8-3-64).
- KELLY, J. ROBERT, Professor of Music, indefinite tenure from September 1, 1964, to render service during each academic year, and Associate Member, Center for Advanced Study, Graduate College, for the first semester of 1964-65, \$11,500, supersedes (7-31-64).
- KEMP, HAROLD W., Instructor in Art, $\frac{1}{2}$ time, academic year, \$4,000, and Instructor in Architecture, $\frac{1}{2}$ time, to render service during the second semester of the academic year, \$2,000; total salary \$6,000 (8-19-64).
- KENNEDY, THOMAS W., Instructor in Civil Engineering (C), academic year, \$7,200, supersedes (7-16-64).
- KENYON, MICHAEL F., Visiting Lecturer in Journalism, academic year, \$10,000 (7-17-64).
- KERR, WILLIAM D., Clinical Counselor, with rank of Assistant Professor, in the Student Counseling Service, one year from September 1, 1964, \$9,500, supersedes (7-31-64).
- KIENAST, HANSJUERGEN W. H., Clinical Instructor in Neurology, Department of Neurology and Neurological Surgery, College of Medicine, $\frac{1}{2}$ time, one year from September 1, 1964, \$1,500 (8-10-64).
- KITSON, JOHN W., Instructor in Advertising, College of Journalism and Communications, $\frac{1}{2}$ time, academic year, \$3,200 (8-17-64).
- KLASSEN, FRANK H., Teacher Training Adviser at the Njala University College, Sierra Leone, for service under Contract USAID/AFE-132, September 1, 1964-February 28, 1966, \$13,300 a year, supersedes (7-27-64).
- KLIEN, MRS. BERTHA A., Lecturer in Ophthalmology, College of Medicine, $\frac{2}{3}$ time, one year from September 1, 1964, \$6,000 (7-27-64).
- KNOX, RONALD R., Instructor in Civil Engineering (C), academic year, \$8,500 (8-10-64).
- KORNACKER, MILDRED, Instructor in Sociology, Chicago Undergraduate Division, $\frac{1}{2}$ time, academic year, \$3,200, supersedes (8-10-64).
- KUO, BENJAMIN C., Associate Professor of Electrical Engineering (C), two months from June 16, 1964, \$1,166.67 a month; this is in addition to his present appointment (7-14-64).
- KYUNO, EISHIN, Research Associate in Chemistry, one year from September 1, 1964, \$7,500 (7-30-64).
- LAMBERT, ROBERT J., Research Associate in Agronomy (S), one year from September 1, 1964, \$7,000 (8-14-64).
- LAMBERT, WILLIAM V., Adviser to Vice-Chancellor and Chief of Party at the Uttar Pradesh Agricultural University, PantNagar, Uttar Pradesh, India, for service under Contract AIDc-1258, ten months from September 1, 1964, \$25,000 a year, supersedes (7-2-64).
- LAVELLE, FAITH W., Research Associate in Anatomy, College of Medicine, $\frac{1}{2}$ time, academic year, \$3,200 (7-10-64).
- LAZARUS, DAVID, Professor of Physics, College of Engineering, $\frac{1}{2}$ time, indefinite tenure, and Associate Member, Center for Advanced Study, Graduate College, $\frac{1}{2}$ time, academic year 1964-65, \$14,500 a year; Professor of Physics, indefinite tenure from September 1, 1965, to render service during each academic year, supersedes (7-31-64).

- LEE, MRS. LINDA T., Assistant Catalog Librarian, with rank of Instructor, in the Library, Chicago Undergraduate Division, one year from September 1, 1964, \$6,100 (7-27-64).
- LEVY, EDWARD R., Instructor in Education, University High School, $\frac{4}{5}$ time, academic year, \$5,600 (8-18-64).
- LEVY, LUCRETIA, Instructor in Mathematics, academic year, \$7,600 (7-30-64).
- LINDLEY, DAVID H., Research Associate in Physics (C), five months from September 1, 1964, \$675 a month (8-19-64).
- LISTON, WILLIAM T., Instructor in English, academic year, \$5,400 (7-20-64).
- LITTLE, ELLIS B., Assistant Dean of the College of Liberal Arts and Sciences, Chicago Undergraduate Division, $\frac{1}{2}$ time, two months from June 16, 1964, \$1,000; this is in addition to his present appointment (7-14-64).
- LOEVY, HANNELORE (TASCHINI), Assistant Professor of Anatomy, College of Medicine, one year from September 1, 1964, \$9,000 (8-13-64).
- LONG, CHARLES A., Instructor in Zoology, academic year, \$6,000, supersedes (7-21-64).
- LOVE, WILLIE N., Assistant Professor of English, Chicago Undergraduate Division, Summer Session of 1964, June 19-August 14, 1964, \$1,723 for the period (7-14-64).
- MADDEN, JOHN J., Research Associate in Microbiology, four months from September 1, 1964, \$2,166.68, supersedes (7-31-64).
- MALONE, WILLIAM F. P., Assistant Professor of Fixed Partial Prosthodontics, College of Dentistry, one year from September 1, 1964, \$8,500, supersedes (7-31-64).
- MANHAS, BALDEV S., Research Associate in Chemistry, one year from September 1, 1964, \$6,100 (7-30-64).
- MAROTTA, SABATH F., Associate Professor of Physiology at the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, under Contract AID/fe-2, for one day, September 1, 1964, and from September 5, 1964, through August 31, 1966, \$11,990 a year, on leave of absence, without pay, from September 2 through September 4, 1964; and Associate Professor of Physiology, College of Medicine, indefinite tenure from September 1, 1966, supersedes (8-13-64).
- MARQUARDT, WILLIAM C., Associate Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, $\frac{1}{2}$ time, and of Zoology, College of Liberal Arts and Sciences, $\frac{1}{2}$ time, indefinite tenure beginning September 1, 1964, to render service during each academic year, \$11,000 a year; and Associate Professor of Veterinary Medicine, College of Veterinary Medicine, indefinite tenure, from September 1, 1965, to render service during each academic year, supersedes (8-19-64).
- MATSUI, WINIFRED, Instructor in Nursing, academic year, \$6,300 (7-15-64).
- MATSUMOTO, YORIMI, Instructor in Biophysics, Department of Physiology and Biophysics, one year from September 1, 1964, \$6,100 (7-14-64).
- MATTHEWS, MRS. DOROTHY E., Assistant Professor of English, academic year, \$7,500 (7-17-64).
- MATTHIAS, WILLIAM, JR., Extension Specialist in the Division of University Extension, August 1, 1964-August 31, 1965, \$9,000 a year, supersedes (7-17-64).
- MCCALL, GEORGE J., Instructor in Sociology, academic year, \$7,800 (7-14-64).
- MCCLELLAN, DON S., Clinical Instructor in Urology, Department of Surgery, College of Medicine, July 1, 1964-August 31, 1965, without salary (7-9-64).
- MCCLURG, WILLIAM C., Research Engineer in Electrical Engineering (C), one year from September 1, 1964, \$9,200, supersedes (7-27-64).
- MCCUNE, SHANNON, Staff Associate, Office of the President, one year from September 1, 1964, \$20,000, supersedes (8-5-64).
- MCINTYRE, CHARLES J., Director of the Office of Instructional Resources, one year from September 1, 1964, \$18,000, supersedes (8-18-64).
- MCNEIL, EDWARD B., Professor of Physics and Associate Head of the Department, Chicago Undergraduate Division, indefinite tenure from September 1, 1964, to render service during each academic year, \$12,500 a year, supersedes (7-27-64).
- MEINHARDT, WARREN L., Instructor in Spanish, academic year, \$6,700, supersedes (8-13-64).
- MERKELO, HENRY, Instructor in Electrical Engineering (C), $\frac{1}{3}$ time, two months from June 16, 1964, \$366.67 (7-13-64).

- METZEL, MRS. NANCY L., Visiting Lecturer in Philosophy, Chicago Undergraduate Division, Summer Session of 1964, $\frac{1}{2}$ time, June 19-August 14, 1964, \$600 for the period (7-29-64).
- MILLER, ARNOLD L., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year, \$4,500 (8-10-64).
- MILLER, JAMES M., Visiting Lecturer in Chemistry, nine months from September 16, 1964, \$9,400 (7-30-64).
- MILLER, JERALD, Instructor in Periodontics, Department of Applied Materia Medica and Therapeutics, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1964, \$4,250, supersedes (7-30-64).
- MITTRA, RAJ, Associate Professor of Electrical Engineering (C), for the period July 1, 1964, through September 15, 1964, \$1,133.33 a month; this is in addition to his present appointment (7-22-64) (8-20-64).
- MONIGOLD, GERALD E., Instructor in Firemanship Training, Division of University Extension, one year from September 1, 1964, \$7,000, supersedes (8-10-64).
- MONTAGUE, WILLIAM E., Visiting Assistant Professor of Psychology, academic year, \$9,500 (8-10-64).
- MOORES, RICHARD G., Assistant Editor, with rank of Assistant Professor, in the Agricultural Experiment Station, one year from September 1, 1964, \$12,000, supersedes (7-14-64).
- MOTTO, HARRY L., Research Associate in Soil Chemistry, Department of Agronomy (S), one year from September 1, 1964, \$7,500 (8-20-64).
- MUELLER, THOMAS E., Research Associate in the Coordinated Science Laboratory (C), $\frac{1}{2}$ time, one year from September 1, 1964, \$3,425 (8-14-64).
- MUIR, ROBERT B., Research Associate in Physics (C), eleven months from October 1, 1964, \$8,300 a year (8-19-64).
- MURPHREE, EDWARD L., JR., Research Associate in Civil Engineering (C), $\frac{3}{4}$ time, one year from September 1, 1964, \$4,500 (7-21-64).
- NAOUMIDES, MARK, Assistant Professor of the Classics, academic year, \$7,500 (8-19-64).
- NARCISI, LOUIS J., Assistant Professor of Architecture, academic year, \$8,000 (8-13-64).
- NINANE, PAUL J., Research Associate in Psychology, October 5, 1964-August 31, 1965, \$6,100 a year (10-26-64).
- O'CONNELL, JEFFREY, Associate Professor of Law, indefinite tenure from September 1, 1964, to render service during each academic year, \$15,000 a year, supersedes (7-30-64).
- O'KEEFE, RICHARD L., Bibliographer, with rank of Instructor, AID Projects, $\frac{1}{2}$ time, one year from September 1, 1964, \$3,300 (8-13-64).
- ORR, JAMES B., Instructor in Geology, Chicago Undergraduate Division, academic year, \$6,000 (8-11-64).
- OSBORN, MRS. LOIS B., Instructor in Library Science, $\frac{1}{2}$ time, academic year, \$3,000 (8-14-64).
- PALMER, RICHARD A., Research Associate in Chemistry, one year from September 1, 1964, \$7,000 (8-24-64).
- PANICROV, ROY J., Research Associate in Chemistry, one year from September 1, 1964, \$6,500 (8-10-64).
- PARKS, JOE M., Assistant Professor of Biophysics, Department of Physiology and Biophysics, academic year, \$8,500 (7-23-64).
- PARNAS, ITZCHAK, Research Associate in Physiology and Biophysics, five months from September 1, 1964, \$508.33 a month (7-22-64).
- PAXTON, JACK D., Research Associate in Plant Pathology (S), one year from September 1, 1964, \$6,450 (8-19-64).
- PEPPER, GEORGE, Physician in the Health Service, Medical Center, Chicago, $\frac{1}{5}$ time, one year from September 1, 1964, \$2,600, supersedes his previous appointment, and is in addition to his appointment as Clinical Assistant Professor of Obstetrics and Gynecology, College of Medicine, without salary (8-20-64).
- PERSHING, ROSCOE L., Instructor in Agricultural Engineering (C), $\frac{1}{4}$ time, one year from September 1, 1964, \$1,525; this is in addition to his Fellowship in Agricultural Engineering (8-19-64).
- PIEPER, WILLIAM J., Instructor in Psychiatry, College of Medicine, July 1, 1964-August 31, 1965, without salary, supersedes salaried appointment (7-31-64).

- PIRKLE, WILLIAM H., Assistant Professor of Organic Chemistry, academic year, \$8,000, supersedes (7-30-64).
- PLAGGE, JAMES C., Chief of Party at the Faculty of Medicine, Chiangmai Hospital, Chiangmai, Thailand, for service under Contract AID/fe-2, for one day, August 13, 1964, \$20,400 a year; and for two years from September 1, 1964, \$21,600 a year; Coordinator AID Thailand Project and Professor of Anatomy, from August 14 through August 31, 1964, \$17,000 a year, and Professor of Anatomy, indefinite tenure from September 1, 1966, supersedes (8-3-64).
- POLLAK, VICTOR E., Research Associate Professor of Medicine, College of Medicine, indefinite tenure from July 1, 1964, \$17,500 a year (7-10-64).
- POPPELBAUM, WOLFGANG, Research Professor of Electrical Engineering, Digital Computer Laboratory, Graduate College, indefinite tenure from September 1, 1964, to render service during each academic year, \$16,000 a year, and Research Professor of Electrical Engineering, College of Engineering, without salary, supersedes (8-13-64).
- PUNDT, HERMAN G., Assistant Professor of Architecture, $\frac{1}{2}$ time, academic year, and Assistant to the Chairman, $\frac{1}{2}$ time, one year from September 1, 1964, \$10,500, supersedes (8-3-64).
- QUAY, MRS. LORENE C., Assistant Professor of Psychology, $\frac{1}{3}$ time, academic year, \$2,900 (8-14-64).
- RABINOVITZ, ADOLPH J., Clinical Assistant Professor of Pathology, College of Medicine, one year from September 1, 1964, without salary (8-20-64).
- RAJKUMAR, TARAKAD V., Research Associate in Chemistry, one year from September 1, 1964, \$7,000, supersedes (7-30-64).
- RAMAN, ARAVAMUDHAN, Research Associate in Metallurgical Engineering (C), July 1, 1964-August 31, 1965, \$7,000 a year, supersedes (7-14-64).
- RANSFORD, RALPH E., Lecturer in Anatomy, College of Medicine, $\frac{1}{2}$ time, academic year from September 1, 1964, \$5,000 (7-17-64).
- RAO, G. L. NARAYANA, Research Associate in Electrical Engineering (C), eleven months from October 1, 1964, \$8,000 a year (8-10-64).
- RAO, M. R. RAGHAVENDRA, Research Associate in Chemistry, one year from September 1, 1964, \$9,000 (7-31-64).
- REINER, MRS. IRMA, Assistant Professor of Mathematics, $\frac{1}{2}$ time, academic year, \$4,400 (7-14-64).
- RHIE, YOUNG H., Instructor in Mathematics, Chicago Undergraduate Division, $\frac{1}{2}$ time, academic year, \$2,775, supersedes (8-10-64).
- RITENOUR, GARY L., Research Associate in Plant Physiology, Graduate College, one year from September 1, 1964, \$7,000 (8-14-64).
- ROBERTSON, LEO E., Clinical Instructor in Surgery, College of Medicine, July 1, 1964-August 31, 1965, without salary (7-9-64).
- ROBINSON, T. THACHER, Instructor in Mathematics, academic year, \$7,300 (7-22-64).
- ROCQUELIN, MRS. JOSIANE P., Instructor in French, $\frac{2}{3}$ time, academic year, \$4,000 (7-30-64).
- ROMANO, RICHARD C., Instructor in the Computer Program and in Mathematics, Chicago Undergraduate Division, $\frac{5}{8}$ time, academic year, \$5,000 (8-20-64).
- ROWAN, DENNIS M., Instructor in Art, academic year, \$5,800 (7-10-64).
- RUBEL, LEE A., Associate Member, Center for Advanced Study, Graduate College, and Associate Professor of Mathematics, College of Liberal Arts and Sciences, first semester of the academic year 1964-65; and Associate Professor of Mathematics, indefinite tenure from March 1, 1965, to render service during each academic year, \$12,000, supersedes (7-31-64).
- RYAN, HOLLIS F., Instructor in Electrical Engineering (C), $\frac{1}{2}$ time, academic year, \$2,500 (8-3-64).
- SABEL, CHARLES L., Instructor in Psychology, Chicago Undergraduate Division, Summer Session of 1964, $\frac{2}{3}$ time, June 19-August 14, 1964, \$845 for the period (7-14-64).
- SALTSMAN, ROBERT R., Student Counselor, with rank of Instructor, in the College of Commerce and Business Administration, $\frac{1}{2}$ time, academic year, \$4,000, supersedes (7-14-64).
- SASSOON, HARRY, Instructor in Radiology, College of Medicine, and Assistant Radiologist, Research and Educational Hospitals, one year from September 1, 1964, \$14,000, supersedes (7-20-64).

- SCHILLER, MRS. ANITA R., Research Associate in the Graduate School of Library Science, $\frac{1}{2}$ time, one year from September 1, 1964, \$3,700 (8-3-64).
- SCHMIDT, JOHN E., Instructor in Veterinary Anatomy and Histology, College of Veterinary Medicine, academic year, \$6,150, supersedes (8-10-64).
- SCHNEIDER, JOHN M., Assistant Professor of Electrical Engineering (C), academic year, \$9,500, supersedes (7-27-64).
- SCHOEBERLE, DANIEL F., Assistant Professor of Materials and Mechanics, Chicago Undergraduate Division, academic year, \$8,750 (7-31-64).
- SCOTTON, DONALD W., Associate Professor of Adult Education, indefinite tenure, and Head of Correspondence Courses, one year, Division of University Extension, beginning September 1, 1964, \$14,000, supersedes (8-13-64).
- SCROSATI, BRUNO, Research Associate in Chemistry, eleven months from October 1, 1964, \$6,500 a year (7-30-64).
- SEGELMAN, MARVIN J., Counselor in the Student Counseling Service, and Instructor in Education, Chicago Undergraduate Division, one year from September 1, 1964, \$7,500 (8-20-64).
- SELLIN, MRS. HELEN G., Research Associate in Medical Research Laboratory, Medical Center, Chicago, one year from September 1, 1964, \$8,000 (8-20-64).
- SESHU, MRS. LILY H., Assistant Professor of Mathematics, academic year, \$7,800 (7-30-64).
- SHAPIRO, BRENDA, Instructor in Clinical Speech, Department of Ortholaryngology, College of Medicine, one year from September 1, 1964, \$7,500 (7-15-64).
- SHARMA, SUSHIL DUA, Visiting Assistant Professor of Psychology, Graduate College, $\frac{1}{3}$ time, to render service during the first semester of the academic year 1964-65, \$233.33 a month (8-10-64).
- SHIMONY, ZVI, Visiting Research Associate in Electrical Engineering (C), one year from September 1, 1964, \$6,600, supersedes (7-21-64).
- SHIPTON, GROVER E., Associate Director of the Public Information Office, Chicago Undergraduate Division, one year from September 1, 1964, \$10,400, supersedes (7-17-64).
- SHOEMAKER, ALAN K., Instructor in Theoretical and Applied Mechanics (C), academic year, \$6,000, supersedes (7-28-64).
- SHOEMAKER, WILFRED L., Associate Professor of Education, indefinite tenure, and Acting Principal of University High School, academic year, \$10,700, supersedes (8-14-64).
- SHULMAN, HAROLD S., Assistant Professor of Psychology, $\frac{1}{2}$ time, academic year, \$4,950 (7-31-64).
- SHUMAN, FRANK H., Agricultural Extension Specialist for service at the M. P. Agricultural University, Jabalpur, India, under Contract AIDc-1453, two months from September 1, 1964, \$1,291.67 a month, supersedes (8-13-64).
- SIEGEL, PETER, Physician in the Health Service, Medical Center, Chicago, $\frac{1}{2}$ time, one year from September 1, 1964, \$2,600, supersedes (8-20-64).
- SILVERGLADE, LEE B., Instructor in Oral Pathology, College of Dentistry, $\frac{1}{2}$ time, one year from September 1, 1964, \$4,000 (8-13-64).
- SIMON, ELLEN McM., Research Assistant Professor of Zoology, $\frac{2}{3}$ time, one year from September 1, 1964, \$6,667, supersedes (7-30-64).
- SIMON, RITA J., Research Associate Professor in the Institute of Communications Research, College of Journalism and Communications, $\frac{2}{3}$ time, and Associate Professor in the Department of Sociology, College of Liberal Arts and Sciences, $\frac{1}{2}$ time, academic year, \$10,000 (8-3-64).
- SIMONELLI, LEONARDO, Research Associate in the Coordinated Science Laboratory (C), one month from August 1, 1964, \$600 (8-11-64).
- SINGH, SANKATHA P., Instructor in Mathematics, academic year, \$6,400 (7-14-64).
- SKADELAND, HAROLD M., Associate Professor of Physics, Chicago Undergraduate Division, indefinite tenure from September 1, 1964, to render service during each academic year, \$11,600 a year, supersedes (7-27-64).
- SLOTTOW, H. GENE, Senior Research Engineer in the Coordinated Science Laboratory (C), August 1, 1964-August 31, 1965, \$13,500 a year, supersedes (7-2-64).
- SMITH, DWIGHT A., Adviser in Veterinary Clinics for service at the U. P. Agricultural University, PantNagar, India, under Contract AIDc-1258, two years from July 29, 1964, \$15,500 a year (8-13-64).
- SMITH, RICHARD, Instructor in Social Sciences, Chicago Undergraduate Division,

- Summer Session of 1964, $\frac{3}{8}$ time, June 19-August 14, 1964, \$894 for the period (7-14-64).
- SMITH, RICHARD K., Instructor in History, Chicago Undergraduate Division, academic year, \$6,000 (8-11-64).
- SNOW, RUSSELL Y., Instructor in Pediatrics, College of Medicine, one year from September 1, 1964, \$10,000 (7-15-64).
- STIFLE, JOHN E., Research Engineer in the Coordinated Science Laboratory, $\frac{1}{2}$ time, and in the Department of Physics (C), $\frac{1}{2}$ time, one year from September 1, 1964, \$11,600, supersedes (8-12-64).
- STOLUROW, LAWRENCE M., Professor of Educational Psychology, Bureau of Educational Research, College of Education, and Professor of Psychology, College of Liberal Arts and Sciences, indefinite tenure from September 1, 1964, to render service during each academic year, \$14,350 a year, supersedes (7-30-64).
- STOOPS, BETTY, Extension Specialist, Division of University Extension, nine months from September 1, 1964, \$8,820 (7-31-64).
- STOTTLAR, JAMES F., Instructor in English, academic year, \$7,000 (7-30-64).
- SULLIVAN, MARY E., Consultant, with rank of Associate Professor, in the Jane Addams Graduate School of Social Work, one year from September 1, 1964, \$12,500, supersedes (8-10-64).
- SUZUKI, MICHIO, Professor of Mathematics, indefinite tenure from September 1, 1964, to render service during each academic year, and Associate Member, Center for Advanced Study, Graduate College, for the first semester 1964-65, \$21,000, supersedes (7-31-64).
- SWALLOW, RONALD J., Research Associate in Electrical Engineering (C), one year from September 1, 1964, \$8,200 (7-31-64).
- SWEEN, MRS. JOYCE A., Instructor in Psychology, Chicago Undergraduate Division, Summer Session of 1964, $\frac{3}{4}$ time, June 19-August 14, 1964, \$834 for the period (8-7-64).
- TAKAYAMA, TAKASHI, Visiting Professor of Agricultural Economics (S), one year from September 1, 1964, \$12,250 (7-17-64).
- TARTT, LAURA C., Instructor in the Jane Addams Graduate School of Social Work, academic year, \$8,000, supersedes (8-10-64).
- TENG, CHENG Y., Instructor in Medicine, College of Medicine, $\frac{3}{5}$ time, one year from July 1, 1964, \$4,500 (7-27-64).
- TIBBETTS, MRS. CHARLENE N. H., Research Associate in Education, University High School, academic year, \$6,000 (8-20-64).
- TITCHENER, EDWARD B., Assistant Professor of Biochemistry, College of Medicine, $\frac{2}{5}$ time, and Acting Coordinator, University of Illinois, Chiangmai Project (AID Thailand Project), $\frac{3}{5}$ time, August 13-August 31, 1964, \$11,600 a year, supersedes (8-13-64); and Associate Professor of Biochemistry, College of Medicine, $\frac{2}{5}$ time, indefinite tenure, and Acting Coordinator, University of Illinois, Chiangmai Project (AID Thailand Project), $\frac{3}{5}$ time, one year from September 1, 1964, \$13,400 a year, supersedes (8-13-64).
- TODD, CHARLES W., Visiting Lecturer in Chemistry, academic year, \$16,000 (7-31-64).
- TOROK, NICHOLAS, Associate Professor of Otolaryngology, College of Medicine, $\frac{2}{5}$ time from July 1, 1964 through August 31, 1965, and $\frac{2}{5}$ time on indefinite tenure from July 1, 1964, \$13,600 a year, supersedes (8-10-64).
- TUCKWOOD, MRS. JO ANN W., Visiting Assistant Professor in the Graduate School of Library Science, $\frac{1}{3}$ time, five months from September 1, 1964, \$1,500 (8-19-64).
- UZGRIS, MRS. INA C., Research Assistant Professor of Psychology, $\frac{2}{3}$ time for one year from September 1, 1964, and $\frac{1}{3}$ time for the academic year, \$7,700, supersedes (7-31-64).
- VAN DER SLUYS, WILLIAM, Research Associate in Theoretical and Applied Mechanics (C), $\frac{1}{2}$ time, academic year, \$2,800 (8-5-64).
- VATTANO, ANTHONY J., Consultant, with rank of Assistant Professor, in the Jane Addams Graduate School of Social Work, one year from September 1, 1964, \$11,250, supersedes (8-10-64).
- VEDRAL, ROSE H., Instructor in Mathematics, Chicago Undergraduate Division, Summer Session of 1964, $\frac{83}{100}$ time, June 19-August 14, 1964, \$1,334 for the period (7-14-64).

- WALKER, JERRY L., Assistant Professor of Secondary and Continuing Education, academic year, \$8,150, supersedes (7-30-64).
- WALTERS, JOHN P., Research Associate in Chemistry, academic year, \$6,300 (7-30-64).
- WEBER, EVELYN, Research Associate in Chemistry, academic year, \$6,500 (8-19-64).
- WEBER, GERALD I., Assistant Professor of Economics, academic year, \$9,100, supersedes (7-30-64).
- WECKE, HAROLD W., Head of Special Services and Research, Division of University Extension, one year from September 1, 1964, \$8,500 (8-13-64).
- WELLS, EDWARD J., Research Associate in Chemistry, August 24, 1964-August 31, 1965, \$6,600 a year (8-20-64).
- WENTWORTH, RUPERT A. D., Research Associate in Chemistry, one year from September 1, 1964, \$7,300 (7-31-64).
- WHALEN, CHARLES E., Instructor in Agricultural Law Extension, Department of Agricultural Economics (E), $\frac{2}{3}$ time, one year from September 1, 1964, \$6,500 (7-20-64).
- WHITMAN, JOHN M., Clinical Instructor in Psychiatry, College of Medicine, July 1, 1964-August 31, 1965, without salary, supersedes salaried appointment (7-9-64).
- WIGGINS, MRS. NANCY A., Assistant Professor of Psychology, College of Liberal Arts and Sciences, $\frac{2}{3}$ time, and Research Assistant Professor in the Institute of Communications Research, College of Journalism and Communications, $\frac{1}{2}$ time, academic year, \$7,500 (8-19-64).
- WILDE, ROBERT R., Instructor in Electrical Engineering (C), $\frac{2}{3}$ time, academic year, \$3,333.33 (8-5-64).
- WILLIAMSON, ROBERT E., Research Associate in Orthodontics, College of Dentistry, $\frac{2}{3}$ time, July 1, 1964-August 31, 1965, \$3,200 a year (7-27-64).
- WILSON, GEORGE M., Instructor in History, academic year, \$7,500 (7-30-64).
- WINJUM, JAMES O., Instructor in Accountancy, $\frac{1}{2}$ time, academic year, \$2,500 (7-20-64).
- WOLFE, SHARON, Assistant Research Programmer in the Institute of Communications Research, College of Journalism and Communications, $\frac{1}{2}$ time, and in the Digital Computer Laboratory, Graduate College, $\frac{1}{2}$ time, one year from September 1, 1964, \$7,500 (6-29-64).
- WOOD, J. M., Research Associate in Microbiology, one year from September 1, 1964, \$7,500 (8-19-64).
- WOOD, WALTER W., Senior Research Engineer in Electrical Engineering (C), one year from September 1, 1964, \$11,800, supersedes nonacademic appointment (7-27-64).
- WU, EDWARD M., Research Associate in Theoretical and Applied Mechanics (C), $\frac{2}{3}$ time, academic year, \$3,600 (8-5-64).
- YAMADA, SHIGEHARU, Assistant Professor in the Digital Computer Laboratory, academic year, \$10,750 (7-31-64).
- ZARING, WILSON M., Associate Professor of Mathematics and Acting Head of Academic Year Institute, academic year, \$12,000; and Associate Professor of Mathematics, indefinite tenure from September 1, 1965, to render service during each academic year, supersedes (7-30-64).
- ZUCKERMAN, STANLEY R., Instructor in Pedodontics, College of Dentistry, one year from September 1, 1964, \$6,500 (8-13-64).

RESIGNATIONS, DECLINATIONS, CANCELLATIONS, AND TERMINATIONS

- BATTEN, GEORGE W., JR., Research Associate in the Digital Computer Laboratory — declination effective September 1, 1964.
- BENZEL, JAMES F., Research Associate in Ceramic Engineering — declination effective September 1, 1964.
- BOHM, LARRY G., Project Assistant in the State Natural History Survey and in the Graduate College — resignation effective July 14, 1964.
- BOWERS, KENNETH, Clinical Counselor with rank of Instructor, Student Counseling Service — declination effective September 1, 1964.
- BROWNE, JULIA, Instructor in Art — resignation effective September 1, 1964.
- BROWSKI, LORETTA A., Assistant in Physical Education for Women, Chicago Undergraduate Division — resignation effective August 14, 1964.

- CARBONARO, LYNN, Instructor in Chemistry, Chicago Undergraduate Division—declination effective September 1, 1964.
- CHAMP, DAVID, Instructor in Architecture—resignation effective September 1, 1964.
- CHURCHWELL, MRS. YVONNE R., Bibliographer, with rank of Instructor, in the Library—resignation effective September 1, 1964.
- CIZOWSKI, RAYMOND W., Registered Pharmacist in Manufacturing Pharmacy (Pharmacy)—resignation effective August 20, 1964.
- CLARKE, JOHN C., Assistant Professor of English—resignation effective September 1, 1964.
- COTTRELL, RAYMOND S., Research Associate in the Institute for Research on Exceptional Children—declination effective September 1, 1964.
- CROWDER, JAMES R., Research Assistant in the Coordinated Science Laboratory—resignation effective July 1, 1964.
- DICKINSON, JOHN O., Instructor in Veterinary Research and in Veterinary Physiology and Pharmacology—declination effective September 1, 1964.
- DODD, GEORGE G., Research Associate in the Coordinated Science Laboratory—resignation effective September 1, 1964.
- DUA, RAMJI D., Research Associate in Dairy Science, Agricultural Experiment Station—resignation effective August 2, 1964.
- ELLSWORTH, STERLING G., Clinical Counselor with rank of Assistant Professor, the Student Counseling Service—declination effective September 1, 1964.
- FASH, WILLIAM L., Assistant Professor of Architecture—resignation effective September 1, 1964.
- FISHER, HOWARD T., Visiting Lecturer in Architecture, Chicago Undergraduate Division, Summer Session of 1964—cancellation effective June 19, 1964.
- FORBES, AUDREY E., Research Associate in Pediatrics (Medicine)—resignation effective July 1, 1964.
- GARRETT, BARRY B., Research Associate in Chemistry—resignation effective June 1, 1964.
- GOLDAN, PAUL D., Research Associate in Electrical Engineering—resignation effective September 1, 1964.
- GRANIRER, EDMOND E., Instructor in Mathematics, Summer Session of 1964—resignation effective June 15, 1964.
- GRIEBLE, HANS G., Assistant Professor of Medicine, College of Medicine—declination effective September 1, 1964.
- HADJIOANNOU, THEMISTOCLES P., Assistant Professor of Chemistry, College of Pharmacy—resignation effective September 1, 1964.
- HODGE, GEORGE M., JR., Associate Professor of Architecture and Assistant to the Chairman—resignation effective September 1, 1964.
- HOLMES, ROBERT P., Instructor in Architecture—resignation effective September 1, 1964.
- HONMA, TOSHIO, Visiting Assistant Professor of Metallurgy—declination effective September 1, 1964.
- HUBER, THOMAS L., Research Associate in Animal Science, Agricultural Experiment Station—resignation effective August 1, 1964.
- HUFFAKER, DONALD C., Research Associate in Theoretical and Applied Mechanics—resignation effective July 25, 1964.
- JOHNSON, PETER, Visiting Lecturer in Chemistry—resignation effective October 1, 1964.
- KELLER, ROY J., Assistant Professor of Physical Education for Men, Counselor in the Student Counseling Service, and Counselor in Teacher Education—declination effective September 1, 1964.
- KIM, W. S., Research Associate in Biological Chemistry (Medicine)—resignation effective September 1, 1964.
- KYPTA, LINTON S., Senior Research Engineer in the Coordinated Science Laboratory—resignation effective September 1, 1964.
- LAWSON, RICHARD G., Instructor in Radio and Television—resignation effective September 1, 1964.
- LIDDLE, LARRY B., Instructor in Biology (Biological Sciences), Chicago Undergraduate Division—resignation effective September 1, 1964.
- LONG, KEITH, Instructor in Art—declination effective September 1, 1964.

- LOUCH, JUNE D., Research Assistant in Biological Chemistry, College of Medicine—resignation effective August 7, 1964.
- LUCAS, ROBERT A., Research Assistant in English—declination effective September 1, 1964.
- LUSCHER, EDGAR, Research Associate Professor in the Coordinated Science Laboratory, and research Associate Professor of Physics—resignation effective September 1, 1964.
- MATTHIAS, WILLIAM, JR., Extension Specialists in the Division of University Extension—resignation effective September 1, 1964.
- MEERMAN, GERARDINE, Research Associate in Chemistry—declination effective September 1, 1964.
- MERRILL, MARY E., Assistant in English—declination effective September 16, 1964.
- MORSHED, HASSAN, Research Assistant in Electrical Engineering—resignation effective July 27, 1964.
- MORTON, RICHARD B., Research Associate in Chemistry—resignation effective September 1, 1964.
- MYERS, JANE L., Instructor in Foods and Nutrition, Home Economics Extension—resignation effective September 1, 1964.
- NAGATA, TETSUJI, Research Associate in Physiology and Biophysics—resignation October 1, 1964.
- NAKELIS, U. STANLEY, Instructor in Mathematics, Chicago Undergraduate Division—declination effective September 1, 1964.
- NICHOLS, MARGARET, Assistant in English—declination effective September 16, 1964.
- PEDERSEN, WILLIAM, JR., Instructor in Architecture—resignation effective September 1, 1964.
- PENN, JOHN F., Assistant Editor in the Engineering Experiment Station—resignation effective August 23, 1964.
- PIERCE, GAIL, Research Associate in Elementary Education—declination effective September 1, 1964.
- PONZO, PETER J., Research Associate in Electrical Engineering and in the Coordinated Science Laboratory—resignation effective September 1, 1964.
- REDDY, R. R., Research Assistant in Veterinary Physiology and Pharmacology—declination effective September 1, 1964.
- RIEDY, SONIA C., Assistant to the Director in the Office for Foreign Students—declination effective September 1, 1964.
- RIZZO, FRANK J., Instructor in Theoretical and Applied Mechanics—resignation effective June 15, 1964.
- RUBINSTEIN, ALICIA, Research Assistant in Oral Pathology, College of Dentistry—cancellation effective September 1, 1964.
- RUSSELL, CHARLES K., Research Associate in Ceramic Engineering—resignation effective July 1, 1964.
- SABIN, EARL A., Instructor in Anesthesiology, Department of Surgery, College of Medicine—declination effective September 1, 1964.
- SANDBERG, GLEN H., Assistant Professor of Radiology, College of Medicine—resignation effective September 1, 1964.
- SHAUGHNESSY, JOSEPH B., Assistant Professor of Architecture—resignation effective September 1, 1964.
- SINGH, SANKATHA P., Instructor in Mathematics—declination effective September 1, 1964.
- SMITH, JULIUS, Instructor in Mathematics—declination effective September 1, 1964.
- SNYDER, ROY W., Instructor in Microbiology, College of Medicine—declination effective September 1, 1964.
- STEIN, SONDRRA, Research Associate in Microbiology—declination effective September 1, 1964.
- STROOM, LOWELL M., Instructor in Architecture—resignation effective September 1, 1964.
- TITUS, THOMAS R., Instructor in the Institute of Aviation—declination effective September 1, 1964.
- TURIK, HENRY A., Instructor in Rural Recreation, Cooperative Extension Service in Agriculture and Home Economics—resignation effective September 1, 1964.
- VELEZ, VASQUEZ E., Research Assistant in Veterinary Physiology and Pharmacology—declination effective September 1, 1964.

- WALL, FREDERICK T., Professor of Physical Chemistry—resignation effective September 1, 1964.
- WARNOCK, JOHN E., Research Associate in the State Natural History Survey and in the Graduate College—resignation effective October 23, 1964.
- WATSON, J. STROUD, JR., Instructor in Architecture—resignation effective September 1, 1964.
- WELLAND, MRS. MARIE-LOUISE, Instructor in Mathematics, Department of Chemistry, College of Pharmacy—resignation effective September 1, 1964.
- WILLIS, EDWARD, Research Assistant in Plant Pathology—declination effective September 1, 1964.
- WIRTZ, ROBERT, Visiting Assistant Professor of Education, University High School—declination effective September 1, 1964.
- WOODARD, JANICE E., Assistant Extension Editor, with rank of Instructor, in the Cooperative Extension Service in Agriculture and Home Economics—resignation effective September 1, 1964.
- WRIGHT, ROBERT L., Instructor in Architecture—resignation effective September 1, 1964.
- ZIOLKOWSKI, EDMUND, Physician in the Health Service, College of Medicine—resignation effective August 1, 1964.

LEAVES OF ABSENCE

- AUKES, LEWIS E., Research Associate in the Office of Instructional Research—military leave of absence from August 15 through 30, 1964.
- CULLITON, THOMAS E., Associate Professor of Elementary Education—leave of absence, without pay, for one year from September 1, 1964, to accept a one-year appointment at Boston University.
- DESCHAMPS, GEORGES, Professor of Electrical Engineering, College of Engineering—leave of absence, without pay, for the second semester of 1964-65, in addition to his sabbatical leave of absence on full pay for the first semester.
- FERRIS, DEAM H., Associate Professor of Veterinary Pathology and Hygiene, College of Veterinary Medicine, and of Veterinary Research, Agricultural Experiment Station, and Senior Staff Center for Zoonoses Research—extension of leave of absence, without pay, from February 1, 1965, through January 31, 1966.
- LEWIS, WALTER H., Associate Professor of Architecture—extension of leave of absence, without pay, for one year from September 1, 1964, so that he may continue his research and professional assignment with the United States Savings and Loan League.
- LICHTENBERGER, WILLIAM W., Research Assistant Professor in the Coordinated Science Laboratory and Assistant Professor of Electrical Engineering—extension of leave of absence, without pay, for one year from September 1, 1964, so that he may continue his work on the ARPA-sponsored Computer Center research project.
- RAFUSE, ROBERT W., Assistant Professor of Economics—leave of absence, without pay, for the academic year beginning September 1, 1964, so that he may accept a professional assignment with the Advisory Commission on Intergovernmental Relations during that period.
- RAYSON, GLENDON E., Assistant Professor of Hygiene and Medical Adviser for Men, Chicago Undergraduate Division—leave of absence, without pay, for one year from September 1, 1964, so that he may obtain a master's degree in public health.
- SEIF, ROBERT D., Associate Professor of Biometry, Department of Agronomy, College of Agriculture and Agricultural Experiment Station—leave of absence, without pay, for three months from March 1, 1965, so that he may accept a postdoctoral fellowship at the University of Minnesota, in addition to his sabbatical leave of absence on full pay for six months from September 1, 1964.
- STERN, JACOB, Assistant Professor of Vocational and Technical Education—leave of absence, without pay, for the first semester of 1964-65, so that he may devote that time toward his thesis research.
- SUCHMAN, J. RICHARD, Professor of Elementary Education—leave of absence,

without pay, for one year from September 1, 1964, so that he may accept an assignment with the United States Office of Education.

CANCELLATIONS AND CHANGES OF SABBATICAL LEAVES OF ABSENCE

BROWN, RICHARD M., Research Professor in the Coordinated Science Laboratory, of Electrical Engineering, and of Physics, in the College of Engineering, and in the Engineering Experiment Station—sabbatical leave of absence for 1964-65 is hereby cancelled without prejudice.

DUCOFF, HOWARD S., Associate Professor of Physiology—sabbatical leave of absence for one year from August 1, 1964, on one-half pay, changed to one year from September 1, 1964, on one-half pay.

FRANKE, WALTER H., Associate Professor of Labor and Industrial Relations—sabbatical leave of absence for six months from September 1, 1964, on full pay, or for one year from September 1, 1964, on one-half pay, changed to six months from February 1, 1965, on full pay.

SELTZER, NATALIE R., Assistant Professor of Medical Social Work at the Medical Center, Chicago—sabbatical leave of absence for 1964-65, is hereby cancelled without prejudice.

TRIANDIS, HARRY C., Associate Professor of Psychology, Department of Psychology and Institute of Labor and Industrial Relations—sabbatical leave of absence for six months from September 1, 1964, on full pay, and leave, without pay, for six months from March 1, 1965, so that he may accept a Ford Foundation Faculty Fellowship, supersedes previous sabbatical leave for one year on one-half pay.

REPORTS AND ANNOUNCEMENTS BY THE PRESIDENT OF THE BOARD

ANNUAL MEETING OF ASSOCIATION OF GOVERNING BOARDS

The Trustees were reminded of the annual meeting of this Association to be held in Chapel Hill, North Carolina, October 14-16, 1964.

FUTURE BOARD MEETINGS

The next regular meetings will be held: October 21, Urbana; November 24, Chicago; and December 16, Chicago.

STATEMENTS BY MR. DILLIARD

President Clement recognized Mr. Irving Dilliard for the following presentations:

Howard University

Howard University's Centennial will be observed in 1967, the same year as the Centennial of the University of Illinois. Mr. Dilliard suggested that the University of Illinois Centennial Committee include in its plans some recognition of the Howard University Centennial.

Commission on the Humanities

A resolution that the Board of Trustees take note of the Report of the Commission on the Humanities¹ and that appropriate recognition be given by the Board to the work of the Commission, and that the Board approve the basic principles of its Report and of the proposed legislation to bring them into being.

President Clement referred this matter to the Committee on General Policy for its consideration and advice to the Board. President Henry stated that the Association of American Universities may also take some official position with respect to the recommendations of the

¹The Commission is sponsored by the American Council of Learned Societies, the Council of Graduate Schools in the United States, and the United Chapters of Phi Beta Kappa. The Report was published on April 30, 1964. — Secretary's Note.

Commission at the annual meeting of the Association late in October and that the Board Committee will be informed of any such action taken.

RECESS AND EXECUTIVE SESSION

President Clement stated that an executive session has been requested and is being ordered for consideration of reports and recommendations relating to property acquisitions and to patentable inventions.

On motion of Mr. Pogue, the Board recessed.

During the recess, Trustees inspected the new buildings of the College of Commerce and Business Administration and of Education. Deans Paul M. Green and Rupert N. Evans were guests of the Board at luncheon preceding the inspection and spoke briefly about the new buildings.

When the Board reconvened the same members of the Board, officers of the Board, and officers of the University were present as recorded at the beginning of these minutes, except for Mr. Ray Page who asked to be excused.

The Board considered the following reports and recommendations from the President of the University.

CONVEYANCE OF THE PROPERTY AT 605 EAST DANIEL STREET TO ILLINOIS BUILDING AUTHORITY

(41) The Board of Trustees has authorized the conveyance of the property at 605 East Daniel Street, Champaign, Illinois, to the Illinois Building Authority and a formal resolution of conveyance is now submitted for adoption by the Board.

Resolution Authorizing Conveyance of Property at 605 East Daniel Street, Champaign, Illinois, to the Illinois Building Authority

Be It, and It Is Hereby, Resolved by The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and Secretary of this corporation be, and they hereby are, authorized and directed, to execute, acknowledge, and deliver, in the name, and in behalf of, this corporation, and under its Corporate Seal, a Warranty Deed and such other documents in connection therewith as said Comptroller and Secretary may deem necessary or desirable in order to convey to the Illinois Building Authority, a body corporate and politic of the State of Illinois, duly organized and existing pursuant to "An Act to create the Illinois Building Authority and to define its powers and duties," approved August 15, 1961, as amended, title to the following described property, viz:

Lot Four (4) of William Williamson's replat of Lots One (1), Two (2) and Three (3) in Block One (1) of A. T. Hall's Addition to Champaign, situated in the City of Champaign, County of Champaign, and the State of Illinois subject to the reservations set forth in the Judgment Order of Condemnation entered on June 2, 1964 in the Circuit Court of Champaign County, Illinois—Case No. 61-L-175, at law, entitled "The Board of Trustees of the University of Illinois, a public corporation, Petitioner, vs. Raymond Timpone, et al., Defendants" for three parking spaces on, and for access for Defendant's vehicles over, the above described property until June 30, 1965; for, and in consideration of, the payment by said Illinois Building Authority of the sum of Sixty Thousand Dollars (\$60,000.00) to this Corporation.

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

ACQUISITION OF 1102 WEST OREGON STREET, URBANA

(42) The Director of the Physical Plant and the Vice-President and Comptroller

recommend that the Board of Trustees of the University of Illinois request the University of Illinois Foundation to purchase the property at 1102 West Oregon Street, Urbana, at a price of \$45,500. This property is required as part of the site for the Krannert Center for the Performing Arts.

The property consists of a corner lot, 65 feet fronting on Oregon Street, by 157 feet fronting on Gregory Place, and is improved with a three-story and basement frame and stucco residence converted into ten apartment units.

I concur.

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

RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(43) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, a series of recommendations relating to inventions.

1. Vacuum seals—Ralph S. Carson, Research Associate in Electrical Engineering, and Charles D. Hendricks, Professor of Electrical Engineering, inventors; developed under Grant No. NSF-G-19776. A vacuum system often uses a bell jar placed on a brass or steel plate. The bell jar is generally evacuated through a hole in the plate which leads directly to the vacuum pump. In order to obtain some flexibility in the system for experimental purposes, it is desirable to have several holes in the plate at various locations to be used with feedthroughs for electrical connections, and other equipment. The plugs for the unused holes and the fittings for the feedthroughs must necessarily form vacuum-tight seals with the plate. The fittings to be described allow such seals to be made by means of O-rings and without relying on a wax or varnish.

The invention was referred to the University of Illinois Foundation for study, which has indicated that the realization of income is improbable. Accordingly, it is recommended that the rights in the invention be released to the inventors with due recognition of the rights of the United States government and with the stipulation that, if the inventors do not wish to apply for a patent, all rights be released to the National Science Foundation, if that agency so requests.

2. Extended surface thermionic converter—Shao L. Soo, Professor of Mechanical Engineering, and S. G. Quintella, Graduate Student in Mechanical Engineering, inventors. Such a system permits a large current to be drawn from the cathode and the current increases with the temperature and area for the same work function of the electrode surfaces. The output is thus increased manyfold with little or no sacrifice in the efficiency of operation.

After full consideration by the Patent Committee, it was the consensus that the rights of the invention should not be retained by the University but should be released to the inventors, since it appears very unlikely that there could be any commercial value to the invention. Accordingly, the release of the rights in the invention to the inventors is recommended.

3. Photo current suppression ionization gauge—Wilfred C. Schuermann, Electronics Technician in the Coordinated Science Laboratory, inventor; developed under Contract No. DA-36-039-SC-85122. This invention was released to the University of Illinois Foundation for further development and patent application in the meeting of the Board of Trustees on November 9, 1962. The Executive Director of the Foundation reported that a contract with a corporation had been signed for the licensing of the patent applied for on this device.

Accordingly, a distribution of income must be established, and the Committee recommends that 15 per cent of any net income from any licensing or royalties received on this invention be paid to the inventor after the recovery of out-of-pocket expenses incurred by the Foundation in developing the invention and obtaining the patent.

4. Electromagnetic radiation detector using the pyroelectric effect—William H. Steier, formerly Assistant Professor of Electrical Engineering, inventor; developed under Contract No. AF 30(602)-2456. The purpose of this device is to provide a fast sensitive detector of electromagnetic radiation. The device is

especially applicable for detection of radiation in the frequency range from 300 to 3000 kmc (the submillimeter region).

After study, the University of Illinois Foundation has advised that it has no interest in the invention and recommends release to the inventor; however, the inventor also advises that he has no interest in the invention. Accordingly, it is recommended that the rights in the invention be released to the United States Air Force, the sponsoring agency.

5. Hybrid preamplifier employing a nuvistor and transistors — J. C. Hafele, Research Associate in Physics, inventor; developed under Contract No. Nonr-1834(05). The high input impedance and generally rugged nature of a vacuum tube make its use at the input desirable, while transistors are capable of delivering relatively large currents with rapid response, so that their use at the output is highly desirable. Thus, the advantages of both were incorporated into the preamplifier design of this invention.

The Head of the Department of Physics feels, and the Committee agrees, that there is little possibility of commercial value in the invention. Accordingly, it is recommended that the rights in the invention be released to the United States Navy, the sponsoring agency.

After consideration by the Patent Committee and study by the University of Illinois Foundation, it is agreed that there may be possibilities of profit in the following inventions; and accordingly, it is recommended that the rights in these inventions be released to the Foundation for further development and possible patent application:

6. Memory system utilizing two-electrode electro-chemical cells as binary memory elements — Bruce E. Briley, Research Assistant in the Digital Computer Laboratory, inventor; under Contract No. AT(11-1)-415. The invention consists of a random-access memory system utilizing electro-chemical cells as binary memory elements (the name "chemistry" was coined for such a memory). The cells used are two-terminal devices.

Under federal law, the Atomic Energy Commission determines the disposition of any inventions developed under this or other grants financed by that agency. The Commission has advised, however, that it will not file a patent application on this invention because of publication of the information and since there apparently is no immediate use for the system. The Head of the Digital Computer Laboratory, however, feels that there may be elements of value in the system; and accordingly, the Patent Committee feels that further study should be made of the system.

7. Method of fabricating spherical and prolate spheroidal reflectors — James E. Degenford, Research Assistant in Electrical Engineering, and Murray D. Sirkis, Associate Professor of Electrical Engineering; developed under Contract No. AF-30(602)-3046. A quick and inexpensive method of forming spherical and prolate spheroidal reflectors of large radius of curvature for use at millimeter and submillimeter wavelengths has been developed. For possible commercial application, it should be possible to use a thicker membrane and use hydraulic or air pressure to form the membrane, making a more permanent reflector.

8. Photodiode as a sensitive temperature probe — Robert C. Dimick, Assistant in Mechanical Engineering, and George J. Trezek, Research Assistant in Mechanical Engineering, inventors; developed under SQUID Contract No. Nonr-3623(S-6). This probe has been developed based on the high temperature coefficient of the reverse current in a reverse-biased Sylvania IN77B photodiode. Because of its inherent extraordinary sensitivity, this probe design would be useful for other purposes where temperature deviations of a very small magnitude must be measured with a minimum disturbance to the surroundings due to the power dissipated in the probe itself.

9. Log-periodic folded slot, dipole, or monopole array — John W. Greiser, Research Assistant in Electrical Engineering, inventor; developed under Contract No. Nobsr-85243. The duality between the folded slot array and the folded dipole array was the first to be noticed; a second symmetry property of this design is the image symmetry of the folded dipole array and folded monopole array. In effect, this allows the engineer to design three different antennas at one time.

10. Modulation of light — Paul Handler, Associate Professor of Electrical

Engineering and of Physics, and Andrea Frova, Research Associate in Electrical Engineering, inventors; developed under Contract No. ARPA-131. Light emerging from a material can be completely extinguished by application of an electric field to the material. Although the principle is well known, this is the first time that a p-n junction of a semiconductor has been used to obtain the effect. The magnitude of the effect is much larger than ever obtained before by any means.

11. System of providing ingredients to ruminant animals—Melvin R. Karr, Assistant in Animal Science, and U. S. Garrigus, Professor of Animal Science, inventors; developed under a grant from the Nitrogen Products Division of the W. R. Grace and Company. A combination of hormones and/or hormone-like substances orally or systematically administered with feed ingredients including nonprotein nitrogen compounds is unique in that the ruminant animal can utilize the nonprotein nitrogen so administered for growth and production at a rate nearly equivalent to, or superior to, that of significantly higher cost traditional protein supplements. The use of hormones and/or hormone-like substances, or the use of nonprotein nitrogen substances, or the use of other feed ingredients in ruminant rations in-and-of-themselves are not unique, however, the combination of a hormone or hormone-like substance with nonprotein nitrogen and with a feed ingredient which gives equivalent performance in ruminants to that obtained with standard protein supplements is unique.

I concur.

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

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA
Secretary

HOWARD W. CLEMENT
President