MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 16, 1965



The June meeting of The Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Wednesday, June 16, 1965, beginning at 10:30 a.m.

President Howard W. Clement called the meeting to order and asked the Secretary to call the roll. The following members of the Board were present: Mr. Howard W. Clement, Mr. Earl M. Hughes, Mr. Theodore A. Jones, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Irving Dilliard, Mr. Wayne A. Johnston, and Governor Otto Kerner were absent.

Also present were President David D. Henry; Executive Vice-President and Provost Lyle H. Lanier; Vice-President Norman A. Parker, Chicago Circle; Vice-President Joseph S. Begando, 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. Vernon L. Kretschmer, Associate Director of the Physical Plant and Director of Auxiliary Services; Mr. Earl W. Porter, Assistant to the President and Associate Secretary to the Board; Mr. Donald C. Neville, Assistant to the Director of the Physical Plant; and officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of the Board of Trustees on December 16, 1964, and January 20, 1965, press proof copies of which have previously been sent to the Board.

On motion of Mr. Williamson, these minutes were approved as printed on pages 269 to 389, inclusive.

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: State from Which They

Name	Address	Obtained Certificates
HARRY CLIFFORD GUNN Allan Bruce Joseph Allan Edward Schilling, Jr.	La Grange, Illinois Northbrook, Illinois Chicago, Illinois	Kentucky New York Washington, D.C.

I concur.

On motion of Mrs. Watkins, these certificates were awarded.

APPOINTMENT TO BOARD OF EXAMINERS IN ACCOUNTANCY

(2) The Committee on Accountancy recommends the appointment of Lewis E. Rossiter, Managing Partner in charge of the Chicago office of Main, Lafrentz & Company, Certified Public Accountants, 208 South LaSalle Street, Chicago, to the Board of Examiners in Accountancy for a three-year term beginning July 1. 1965, to succeed Mr. Harry I. Grossman, whose term expires June 30, 1965. I concur.

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

ADVISORY COMMITTEE FOR THE DIVISION OF UNIVERSITY EXTENSION

(3) The Dean of the Division of University Extension recommends the following appointments to the Division's Advisory Committee for two years beginning September 1, 1965.

University Representatives

Professor BJORNAR BERGETHON, School of Music Professor C. DALE GREFFE, Department of Mechanical and Industrial Engineering

Non-University Representatives

- Mr. DAVID S. RAYMOND, Communications and Development, U.S. Industrial Chemicals Co., Tuscola, Illinois Mr. HARRY A. GLYNN, President, Pap-R Products, Martinsville, Illinois Mr. VERNE A. NOTHDURF, Manager-Training, LeTourneau-Westinghouse Com-
- pany, Peoria, Illinois

I concur.

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

APPOINTMENTS TO THE FACULTY

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

Positions in the University are classified in the following categories and are designated in the budget by the symbols indicated : A — indefinite tenure; B — two years; D — one year; E — nine months from the beginning of the academic year; G — special tenure; Y — twelve months' service required instead of two semesters.

Figures following a symbol indicate percentage of time if the appointment is on a part-time basis (e.g., D75 means one year on three-fourths time).

- 1. ARMAND D. ALBRECHT, Assistant Professor of Veterinary Clinical Medicine (Urbana), beginning May 1, 1965, without salary (BY). 2. WILLIAM R. BOWEN, Assistant Professor of Biological Sciences (Chicago
- Circle), beginning September 1, 1965, at an annual salary of \$8,500 (B).
- 3. LEONARD P. BRODT, Staff Physician and Assistant Professor of Health Sci-ence, in the Health Service (Urbana), beginning September 1, 1965, at an annual salary of \$14,500 (DY).
- HOWARD E. BUHSE, JR., Assistant Professor of Biological Sciences (Chicago Circle), beginning September 1, 1965, at an annual salary of \$8,800 (B).
 ROBERT T. CHIEN, Associate Professor of Electrical Engineering, beginning
- September 1, 1965, at an annual salary of \$14,000 (A). 6. DAVID COHEN, Associate Professor of Physics (Chicago Circle), beginning
- September 1, 1965, at an annual salary of \$12,500 (B).
- 7. JAMES D. COMPTON, Assistant Professor of Spanish (Chicago Circle), beginning September 1, 1965, at an annual salary of \$9,000 (B). 8. NORMAN R. DODL, Assistant Professor of Elementary Education (Urbana),
- beginning September 1, 1965, at an annual salary of \$9,000 (D).
 DAVID C. EPPERSON, Associate Professor of Higher Education, Department of Secondary and Continuing Education (Urbana), beginning September 1, 1965, at an annual salary of \$11,500 (B).
- 10. MICHAEL J. FLYNN, Associate Professor of Systems Engineering (Chicago

- MICHAEL J. FLYNN, ASSOCIATE Professor of Systems Engineering (Chicago Circle), beginning September 1, 1965, at an annual salary of \$11,000 (A).
 JOHN G. GAGLIARDO, Assistant Professor of History (Chicago Circle), be-ginning September 1, 1965, at an annual salary of \$10,000 (B).
 STEPHEN B. GOLDBERG, Associate Professor of Law (Urbana), beginning September 1, 1965, at an annual salary of \$15,000 (B).
 STUART GOLIN, Assistant Professor of Metallurgy, in the Department of Mining, Metallurgy, and Petroleum Engineering (Urbana), beginning Sep-tember 1, 1965, at an annual salary of \$8,000 (B).
 ELMER BURTON HADLEY Assistant Professor of Biological Sciences (Chicago
- 14. ELMER BURTON HADLEY, Assistant Professor of Biological Sciences (Chicago Circle), beginning September 1, 1965, at an annual salary of \$9,500 (B).
- WILLARD B. HANSEN, Associate Professor of Regional Planning, Bureau of Community Planning (Urbana), beginning July 6, 1965, at an annual salary
- of \$13,200 (DY).
 16. WILLIAM V. HOWES, Assistant Professor of Biological Chemistry, College of Medicine, beginning June 1, 1965, at an annual salary of \$12,000 (DY).
 17. NELL C. JACKSON, Assistant Professor of Physical Education for Women (Urbana), beginning September 1, 1965, at an annual salary of \$9,300 (D).
 19. Transmission Assistant Professor of Economics (Chicago Circle),
- 18. THOMAS M. JOHNSON, Assistant Professor of Economics (Chicago Circle), beginning September 1, 1965, at an annual salary of \$9,750 (B). 19. JACQUES KAGAN, Assistant Professor of Biological Sciences on three-fifths
- time, and of Chemistry on two-fifths time (Chicago Circle), beginning Sep-
- tember 1, 1965, at an annual salary of \$9,000 (B60; B40).
 20. DAVID KUCK, Assistant Professor of Computer Science (Urbana), from August 1, 1965, through September 15, 1965, at a salary of \$1,750 for the period, and beginning September 1, 1965, at an annual salary of \$10,500 (G; B).
- 21. ROBERT LANNIGAN, Visiting Professor of Pathology, College of Medicine, for one year from August 1, 1965, at a salary of \$19,000 (FY).
- 22. CHU Q. LEE, Assistant Professor of Information Engineering (Chicago
- Circle), beginning September 1, 1965, at an annual salary of \$9,000 (B).
 23. ABRAHAM LERMAN, Assistant Professor of Geology (Chicago Circle), beginning September 1, 1965, at an annual salary of \$8,800 (B).
 24. RICHARD JAMES MILLINGTON, Visiting Assistant Professor of Agronomy (S)
- (Urbana), for the period from May 22, 1965, through February 28, 1966, at a salary of \$7,768.79 (G).

- 25. KIYOHIKO MUNAKATA, Assistant Professor of Art (Urbana), for two months from July 1, 1965, at a salary of \$2,110; and from September 1, 1965, at an annual salary of \$9,500 (G; B).
- 26. DARREL L. MURRAY, Assistant Professor of Biological Sciences (Chicago Circle), beginning September 1, 1965, at an annual salary of \$9,500 (B).
- 27. JAMES F. NISS, Assistant Professor of Economics (Chicago Circle), for two
- JAMES F. NISS, Assistant Professor of Economics (Chicago Circle), for two years from September 1, 1965, at an annual salary of \$9,500 (B).
 KAZUO ONO, Visiting Professor of Physics (Chicago Circle), and Associate Member of the Center for Advanced Study, Graduate College (Urbana), for one year from September 1, 1965, at a salary of \$15,000 (D).
 G. A. J. PITT, Visiting Professor of Animal Science (Urbana), for one year from June 1, 1965, at a salary of \$13,000 (FY).
 DEMONDER AND THE ASSOCIATE ADVISION (Chicago Circle) and Associate Chicago Circle).
- 30. RUBEN SANDLER, Associate Professor of Mathematics (Chicago Circle), beginning September 1, 1965, at an annual salary of \$12,000 (A).
- MARY ELIZABETH SCHAEFFER, Assistant Professor of History (Chicago Circle), beginning September 1, 1965, at an annual salary of \$8,200 (B).

- ALBERT B. SCHULTZ, Assistant Professor of Materials Engineering (Chicago Circle), beginning September 1, 1965, at an annual salary of \$10,800 (B).
 HERBERT SEMMEL, Associate Professor of Law (Urbana), beginning September 1, 1965, at an annual salary of \$16,000 (B).
 HERBERT SEMMEL, Associate Professor of Law (Urbana), beginning September 1, 1965, at an annual salary of \$16,000 (B).
 BURTON E. SQUIRES, JR., Visiting Assistant Professor of Computer Science (Urbana), from June 16, 1965, through August 15, 1965, at a salary of \$2,400 for the period and for the accidencie year 1065, 66 at a salary of \$2,400 for the period, and for the academic year 1965-66, at a salary of \$10,800 (G; E).

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

APPOINTMENT OF HEAD TRACK COACH

(5) The Director of Intercollegiate Athletics and the Board of Directors of the Athletic Association of the University of Illinois recommend the appointment of Robert C. Wright, presently Head Track Coach at the Oak Park-River Forest High School, as Head Track Coach beginning July 1, 1965, at an annual salary of \$12,000.

This appointment is to fill the vacancy created by the retirement of Leo T. Johnson after twenty-eight years of service as Coach of Track Teams. Mr. Johnson also served part-time as a member of the faculty in the Department of Physical Education for Men from 1937 until 1961 when he retired from his teach-ing position but continued as Head Track Coach for another four years. Mr. Wright will be on full-time appointment as Coach, and his salary will be paid by the Athletic Association.

I recommend approval.

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

APPOINTMENT OF TENNIS COACH

(6) The Director of Intercollegiate Athletics and the Board of Directors of the Athletic Association of the University of Illinois by its Executive Committee recommend the appointment of Dan Olson, presently Head Tennis Coach at Riverside-Brookfield High School, as Head Tennis Coach at the University beginning September 1, 1965, at an annual salary of \$3,000 to be paid by the Athletic Association.

Mr. Olson will also teach part-time in the Department of Physical Education for Men on a University appointment. As Coach he will succeed Mr. Howard J. Braun who has asked to be relieved of coaching tennis because of the work load of other coaching and Athletic Association duties.

I have approved this appointment and report it for record.

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

CHAIRMANSHIP OF DEPARTMENT OF SPECIAL EDUCATION. JRBANA-CHAMPAIGN

(7) The Dean of the College of Education recommends the appointment of Associate Professor Robert A. Henderson as Chairman of the Department of

Special Education for two years from September 1, 1965, at a salary which will be determined when the budget for 1965-66 is submitted to the Board of Trustees for approval.

Professor Henderson will succeed Professor Samuel A. Kirk, who, however, will remain in his administrative position as Director of the Institute for Research on Exceptional Children.

This recommendation is submitted after consultation with the Executive Committee of the Department and the Executive Committee of the College.

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

I recommend approval.

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

CHAIRMANSHIP OF DEPARTMENT OF HISTORY AND PHILOSOPHY OF EDUCATION, URBANA-CHAMPAIGN

(8) The Dean of the College of Education recommends the appointment of Associate Professor John R. Palmer as Chairman of the Department of History and Philosophy of Education for two years from September 1, 1965, at a salary to be determined when the budget for 1965-66 is submitted to the Board of Trustees for approval.

Professor Palmer will succeed Dr. William O. Stanley, who has asked to be relieved of his administrative duties as Chairman of the Department so that he may return to full-time teaching and research.

This recommendation is submitted after consultation with the Executive Committee of the Department and the Executive Committee of the College.

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

I recommend approval.

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

CHANGES IN THE CURRICULUM PREPARATORY TO THE TEACHING OF ENGLISH

(9) The University Committee on the Preparation of Secondary School Teachers of English, the Department of English, and the Urbana-Champaign Senate recommend the addition of a Teacher Education Minor in English as a Second Language to the Curriculum Preparatory to the Teaching of English, effective September 1, 1965.

The addition is justified by the present need for teachers trained in the teaching of English as a second language in the United States as well as in foreign countries. In Illinois, the center of the greatest need for teachers with this training is in Chicago. However, teachers in the smaller communities of Illinois may also be called upon to teach English to speakers of other languages. Interest in this program has been indicated by the requests which have been made for this special training as well as by the current increase in the enrollment of Linguistics/Rhetoric 388, Linguistics in Language Learning, in which the principles of teaching and learning English as a second language are presented.

A memorandum giving the complete details of this program is being filed with the Secretary of the Board for background record.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I concur.

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

DISCONTINUATION OF COMBINED LIBERAL ARTS-LAW DEGREE

(10) The College of Liberal Arts and Sciences and the Urbana-Champaign Senate recommend that the arrangement by which a student may transfer thirtytwo hours of credit from an accredited law school other than the University of Illinois to complete the requirement for the University of Illinois baccalaureate degree be discontinued, effective September 1, 1965.

degree be discontinued, effective September 1, 1965. The arrangement indicated was established as a supplement to the policy of awarding such degrees to qualified University of Illinois undergraduates who

went on to the University of Illinois College of Law. Since, however, the major law schools of the country have, with one or two exceptions, begun to require the baccalaureate degree for admission, and since the University of Illinois College of Law has established such a degree requirement, there appears to be little reason to continue the arrangement.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

I concur.

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

CURRICULUM IN THE TEACHING OF DANCE

(11) The University Committee on the Preparation of Teachers of Physical Education for Women, the Department of Physical Education for Women, and the Urbana-Champaign Senate recommend changes in the Curriculum in the Teaching of Dance. The hours required for graduation are being raised from 130 to 132 to fit the pattern established in physical education curricula. The present curriculum and the revision vary in the number of physical education and dance courses that have been dropped or made elective. Courses are grouped into divisions with like purposes and labeled with descriptions most commonly found in the catalog on Undergraduate Study.

The curriculum provides a new identification for the dance emphasis in the teacher education option in the curriculum in Physical Education for Women. Accordingly, the name of the degree for this curriculum is changed from Bachelor of Science in Physical Education to Bachelor of Science in the Teach-ing of Dance as a more descriptive title of the program. The Degree of Bachelor of Science will be continued for other curricula in the College of Physical Education.

A new physical education minor to accompany this curriculum has also been approved. This minor will enable the Bachelor of Science major in dance to teach in a high school which employs a highly specialized and competent modern dance teacher but requires that she teach other courses than in dance.

A memorandum giving the complete details of this program is being filed with the Secretary of the Board for background record. The Senate Coordinating Council has indicated that no other senate juris-

diction is involved.

I concur.

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

REPORT OF CHANGES CONCERNING RHETORIC 200 AND 201 (REMEDIAL WRITING)

(12) The following changes, effective September 1, 1965, concerning Rhetoric 200 and 201 (Remedial Writing) have been approved by the Urbana-Champaign Senate and are reported to the Board of Trustees as a matter of record:

1. Rhetoric 200 and 201 have been made optional instead of required courses for students who fail the Qualifying Examination in English.

2. Three hours credit for these courses has been restored, this credit not to be counted toward graduation but at the option of the student's college to be counted in the semester average. Credit for these courses was dropped on a trial basis in 1961.

The Senate Committee on Student English, which has sponsored the changes, indicates that making these courses optional will place more responsibility on the student for achieving competence in English while allowing him a choice of methods for reaching the required standard; namely, Rhetoric 200 or 201, the Writing Clinic, private study, or tutorial work. There is also a need to conserve the rhetoric teaching staff.

With regard to the restoration of credit, the Committee believes that this change will improve incentive and morale inasmuch as students tend to neglect noncredit courses.

The Senate Coordinating Council has indicated that no other Senate jurisdiction is involved.

On motion of Mr. Hughes, the action of the Senate was confirmed.

HOSPITAL-MEDICAL-SURGICAL INSURANCE POLICIES FOR STUDENTS AND STAFF

(13) Bids have been received on the hospital-medical-surgical insurance pro-(15) Bits have been received on the hospital-mental-surgical matter pro-gram for staff and students for one year from September 1, 1965, with the right reserved to renew such insurance annually thereafter upon mutual agree-ment between the insurer and the University. A schedule of bids is submitted herewith and a copy is being filed with the Secretary. Equally low bids were received from the Continental Assurance Company,

the company which is now providing the coverage, and the Continental Casualty Company. The Vice-President and Comptroller recommends award of a contract for the same benefits as the current program to the present insurance carrier, the Continental Assurance Company, 31 South Michigan Avenue, Chicago, at the following rates:

Staff Insurance

Premium costs on present contract are shown in parentheses.

	Monthly Premium to Be		Monthly Pren	ium to Be
	Paid to the	Company	Paid by the	e Insured
Employee Employee and Dependent	\$ 3.83 s 10.08	(\$3.64) (9.59)	\$ 4.00 10.25	(\$3.67) (9.67)
Student Insurance	Premium to	Be Paid to	Insurance Com	banv

			to to anome anov	e e un part y	
Urbana		Chicag	Medical Center		
	Per Semester	Per Quarter	Per Semester	Per Quarter	
Student	.\$ 9.48 (\$ 9.38)	\$5.56	(\$ 7.34)	\$5.56 (\$5.50)	
Spouse	. 12.48 (12.34)	7.51	(9.94)	7.51 (7.44)	
Child		5.35	(7.08)	5.35 (5.30)	

Premium to Be Paid by Insured Students

Urba	na	Chicag	o Circle	Medical Center
Per Sen	nester	Per Quarter	Per Semester	Per Quarter
Student \$10.00 (\$	10.00)	\$6.00	(\$ 9.00)	\$6.00 (\$6.00)
Spouse 12.50 (9.00	(12.00)	9.00 (9.00)
Child 9.00 (9.00)	6.00	(8.00)	6.00 (6.00)

The excess over cost of the coverage will be applied on the administrative expenses of the programs.

I concur.

On motion of Mr. Jones, this contract was authorized.

TERM LIFE INSURANCE FOR STAFF MEMBERS

(14) Bids have been received on Term Life Insurance for all active, permanent, and continuous employees of the University. The policy provides a renewable term insurance on a three-year rate basis with initial coverage limited to an term insurance on a three-year rate basis with initial coverage limited to an option of \$5,000 or \$10,000 and provisions for the employee to increase the amount of insurance each year. The policy will be written for an indefinite term based upon the schedule of rates filed. No medical examination is required, and all gualified employees may enroll irrespective of health. The entire cost of the insurance will be paid by the employees electing this insurance. The Vice-President and Comptroller recommends assignment of this cover-age to the lowest bidder, the Northwestern National Life Insurance Company of Minneapolis, Minnesota, through the firm of Marsh & McLennan, 231 South La Salle Street, Chicago, Illinois. A schedule of the monthly rates for each \$1,000 of insurance, for the various

A schedule of the monthly rates for each \$1,000 of insurance, for the various age levels, and a list of the bids received, based upon the total monthly premium if every employee elected to purchase \$10,000 insurance, are submitted herewith and copies are being filed with the Secretary of the Board for record.

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

APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(15) The Committee on Nonrecurring Appropriations, the Executive Vice-President and Provost, and the Vice-President and Comptroller recommend the fol-

575

BOARD OF TRUSTEES

lowing appropriations from the University General Reserve for 1964-65 to the

extent funds are available; otherwise, from General Reserve for 1965-66; Urbana-Champaign Office of Admissions and Records, equipment..... \$ 8 830 College of Agriculture Department of Dairy Science, equipment...... Department of Agronomy, soil sample storage building...... 10 000 8 000 College of Engineering Department of Electrical Engineering, undergraduate instructional scientific equipment, to match two grants from the National Sci-Department of Mechanical and Industrial Engeneering, equipment Department of Mechanical and Industrial Engineering, under-graduate instructional scientific equipment, to match a grant from 44 270 3 029 the National Science Foundation..... 11 500 Department of Ceramic Engineering, equipment..... 7 000 Departments of Mechanical and Industrial Engineering and Aeronautical and Astronautical Engineering, equipment..... 9 050 College of Fine and Applied Arts School of Music, equipment..... 18 100 Health Service, equipment..... College of Liberal Arts and Sciences 35 865 Department of Microbiology, equipment..... 3 830 Administration, equipment 3 030 School of Life Sciences, equipment..... 28 467 Department of Entomology, equipment.... Department of Chemistry and Chemical Engineering, equipment... 14 100 33 600 Department of Chemistry and Chemical Engineering, undergraduate instructional scientific equipment, to match a grant from the National Science Foundation..... 37 200 Library Public Service Departments, equipment..... 16 955 College of Physical Education Physical Fitness Laboratory, equipment..... 6 450 Executive Vice-President and Provost Office of Instructional Resources, equipment..... 18 645 Renovation and remodeling for which funds are assigned to the Physical Plant Department Remodeling in the basement of Mumford Hall..... Remodeling in the Arcade Building for Department of Mathematics 23 520 40 710 Remodeling in the Mechanical Engineering Building for office and laboratories 15 030 Upgrading electrical power supply in the Mechanical Engineering Laboratory for completion of wind tunnel..... 5 450 Remodeling in the Fine and Applied Arts Building for graphic design Remodeling in Morrill Hall for Department of Entomology..... 7 880 7 495 Remodeling in Lincoln Hall and Davenport Hall for Liberal Arts and Sciences Administration..... 13 145 Remodeling in Natural History Building for School of Life 6 825 Sciences 3 895 Remodeling in Huff Gymnasium..... 2 520 Construction of an all-weather field event facility on Illinois Field 9 850 Fluorescent lighting in Men's Old Gymnasium and Annex..... Electrical renovations in Talbot Laboratory, Ceramics Building, McKinley Hospital, and Nuclear Engineering Laboratory...... 77 000 Chicago Circle College of Engineering Materials Engineering, equipment for a Vibrations Research 22 985 Laboratory

Information Engineering, remodeling in the Science and Engi- neering Building for the Bioengineering Research Group Energy Engineering, equipment for Heat Transfer and Gas Dynamics Research Laboratory	14	000
College of Liberal Arts and Sciences		175
Department of Biological Sciences, for Audio-Tutorial Labora- tories Department of Geology, equipment Department of English, equipment Total, Chicago Circle	128 24 6	200 000 400 760)
Medical Center College of Dentistry Department of Oral Pathology, equipment Research and Educational Hospitals	6	279
Air conditioning in the Admitting Clinic area of the General Hospital and in the Neuropsychiatric Institute building Remodeling in the Neuropsychiatric Institute building Department of Radiology, equipment Research and Educational Hospitals Laboratories, equipment	57 6 24	900 420 500 845
Department of Neurology and Neurological Surgery, equipment Total, Medical Center	10 (120	600 544)
Grand Total I concur.	\$929	545

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

SALE OF PROPERTY

(16) The Executor of the estate of E. G. Woods has sold approximately nineteen acres of land in Manatee County, Florida, at a price of \$30,000, after consultation with University officials. He requests confirmation of the action since the University is the residuary legatee under the will.

The Vice-President and Comptroller recommends adoption of the following resolution and I concur.

Resolution

Be It, and It Is Hereby, Resolved, by The Board of Trustees of the University of Illinois that the action of the Executor of the Estate of E. G. Woods, Deceased, in entering into a contract for sale of the hereinafter described property:

The South Half (S 1/2) of the Southwest One Quarter (SW 1/4) of the Southeast One Quarter (SE 1/4) of Section 24, Township 35 South, Range 17 East in Manatee County, Florida, less the strip of land totaling approximately 1.1 Acres heretofore transferred to Manatee County Highway Department, Florida (the exact legal definition of the property to be conveyed to be determined by the Executor)

to Vincent D. Larson, 80 Bonnie Drive, Stevensville, Michigan, or assigns, for the sum of Thirty Thousand Dollars (\$30,000.00), Ten Thousand Dollars (\$10,000.00) to be paid by closing and the balance to be paid over a period of eleven years with interest at 51/2% per annum, with option to the Buyer for prepayment, as specified in the contract, be, and it is hereby, in all respects, approved and ratified.

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

CONTRACTS FOR CONSTRUCTION OF AERONOMY FIELD STATION (17) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for construction of an Aeronomy Field Station, a one-story metal clad building for technical laboratories and offices, and miscellaneous site improvements, approximately five miles northeast of Urbana, the award in each case being to the lowest bidder:

unund in cuch cube being to inte ferrete bisser.			
General — Tomac Inc., Danville Additive alternates for :	\$46	287	
2-in, thick I-11 pavement in lieu of Class A, subclass			
A2 pavement		929	
Installation of vinyl asbestos flooring in certain areas Installation of suspended acoustical tile ceiling in cer-	1	063	
tain areas		960	
Installation of additional cabinets	1	474	i. Marina
		8383	\$50 713
Electrical — Square Deal Electrical Contracting Inc., Urbana Deductive alternate for deletion of lightning protection	5	889	
system		996	
			4 893
Plumbing-Willis H. Thomas and Wren C. Thomas, a par	tner	ship	
doing business as Thomas Plumbing and Heating Co., Urba Heating, Ventilating, and Air Conditioning — W. L. Rogers, Wr	n. G	old-	4 266
stein, C. L. Rogers, and A. Rogers, a partnership doing bus			
Cool-Rite Refrigeration, Urbana	• • • •	• • • •	9 125
Total			\$68 997
Funds are available from a National Science Foundation (and from Research Contract Reserves.	Gran	t of	\$64,000
			-

Submitted herewith is a report from the Physical Plant Department, including a schedule of all bids received, a copy of which is being 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. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Johnston, Governor Kerner.

CONTRACTS FOR CONSTRUCTION OF SECOND ADDITION TO DIGITAL COMPUTER LABORATORY

(18) The Director of the Physical Plant and the Vice-President and recommend award of contracts for construction of a two-story an second addition to the Digital Computer Laboratory, the award in being to the lowest bidder:	d basement 1 each case
General — Pathman Construction Co., Chicago	591 448 75
Assignment of other contracts to the contrac-	
tor	
Construction of first two bays of East Wing 68 995 00	
Construction of third bay of East Wing 32 937 00	
Installation of acoustical wall panels in four	
machine rooms 1 600 00 Furnish and install louvered cooling tower	
screen 15 900 00	
Electrical-G. L. Wilsky, an individual doing business as Down-	
town Electric, Urbana Base bid\$139 325 00 Additive alternates:	139 855 00
Construction of first two bays of East Wing using Guth Company fixtures in lieu of those specified	
Construction of third bay of East Wing using Guth Company fixtures in lieu of those specified	

Deductive alternates:				
Using Guth Company fixtures in base bid				
building in lieu of fixtures specified1 200 00				
Furnish and install a switch and fuse type				
electrical substation in lieu of the circuit				
breaker type specified				
Plumbing-F. R. Inskip, an individual doing business as Inskip				
Plumbing, Heating & Air Conditioning Co., Champaign		50	119	00
Base bid \$ 45 554 00			101/2017.1	
Additive alternates:				
Construction of first two bays of East Wing 4 040 00				
Construction of third bay of East Wing 525 00				
Heating, Air Conditioning, and Temperature Control — The I. A.				
Julian Company, Chicago		332	770	00
Base Did \$312 310 00				
Additive alternates :				
Construction of first two bays of East Wing 12 170 00				
Construction of third bay of East Wing 8 290 00				
Ventilating - Town Heating and Cooling Corporation, Blooming-				65101:
dale		179	000	00
Base bid \$158 000 00				
Additive alternates:				
Construction of first two bays of East Wing 12 600 00				
Construction of third bay of East Wing 8 400 00				
Total	\$1	293	192	75

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 \$1,293,192.75; and it is further recommended that an agreement be entered into with Pathman Construction Co., Chicago, for the assignment of these other contracts for \$27,327.75, 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 from a grant from the National Science Foundation, from state capital appropriations to the University from the Universities Building Fund, and from Research Contract Reserves. A report from the Physical Plant Department, including a schedule of

A report from the Physical Plant Department, including a schedule of 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. Swain, these contracts were awarded, as recommended, by the following vote: Aye, Mr. Clement, Mr. Hughes, Mr. Jones, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Dilliard, Mr. Johnston, Governor Kerner.

CONTRACT FOR CONSULTING SERVICES ON CAMPUS PLANNING

(19) The present contract with the firm of Richardson, Severns, Scheeler & Associates, Inc., Champaign, for consulting services will expire June 30, 1965. The Director of the Physical Plant and the Vice-President and Comptroller recommend continuation of the employment of this firm for the period July 1, 1965, to June 30, 1966, on the basis of itemized actual costs of technical personnel, including partners when so engaged on University work and an allowance of 110 per cent of said costs for overhead and fees. The services will be on the following assignments as authorized by the Physical Plant Department:

Urbana-Champaign

Continuation of studies on the general campus development plan Studies of peripheral areas to coordinate campus development with studies developed by other agencies Site selection studies for new building projects

Consultation on architectural design for new building projects

Participation in weekly planning meetings

Estimated cost of these services..... \$50 000

Medical Center Campus

Continuation of the studies on the campus development plan

Further development of detailed programs and studies for various colleges and departments

Continued studies on projects financed from other than state funds

Estimated cost of these services..... \$10 000 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 Mrs. Watkins, this recommendation was approved.

CONTRACTS FOR MINOR BUILDING ALTERATIONS AND REPAIRS

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of cost-plus contracts for minor building alterations, repairs, and construction work for the period July 1, 1965, through June 30, 1967, with

General - Dean Evans Co., Champaign

Electrical-G. L. Wilsky, an individual doing business as Downtown Electric of

Electrical — G. L. Wilsky, an interview using statement of the st

Ventilation and Distribution Systems for Conditioned Air - Reliable Plumbing & Heating Company, Champaign

It is also recommended that a combined contract be awarded to Reliable Plumbing & Heating Company, Champaign, for heating, piping, refrigeration, and automatic temperature controls and for ventilation and distribution systems for conditioned air, since this Company submitted identical low bids for each category of work.

These contracts are for work which does not justify the cost of preparing separate drawings and specifications and of separate bidding procedures on each project. The several contractors bid on percentages to be added to actual ma-terial, labor, and subcontract costs, and the awards recommended are to the lowest bidders.

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

It is further recommended that the Vice-President and Comptroller be authorized to approve orders under these contracts up to \$25,000 on each project. I concur.

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

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

(21) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a cost-plus contract to George S. Grimmett, doing business as Geo. S. Grimmett & Co., Springfield, the lowest bidder for plastering, plaster patching and repairs, and acoustical work during the fiscal year ending June 30, 1967, on the basis of a contractor's fee of 13.9 per cent of all actual job costs as determined by itemized billing.

I concur.

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

EMPLOYMENT OF ARCHITECTS AND ENGINEERS

(22) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of the following firms for the services and at the fees indicated :

Roy D. Murphy and Associates, Urbana

Preliminary studies to determine the feasibility of constructing married student housing facilities at a cost which will allow rental at approximately \$65 per month, excluding utilities. The complete study will be at a fee of \$10,000. Costs will be financed temporarily from the Stores and Services Trust Account and will be reimbursed when permanent financing is available. Associated Engineers, Inc., of Peoria

For engineering services for the air-conditioning center to be located in the Student-Staff Apartment Building which will serve Illinois Street Residence Halls, Burrill Hall, and the Krannert Center for the Performing Arts, at a fee of 6 per cent of the construction costs of the project.

Funds for these services are available in the Universities Building Fund and have been released by the Governor.

Warren & Van Praag, Inc., Consulting Engineers, Decatur

For engineering services for extensions, additions, and improvements to the University water distribution system, including water mains and the filtration plant, at Urbana-Champaign.

The fee for water main work is based on Schedule B of Minimum Fees established by the Illinois Society of Professional Engineers.

The fee for work at the water filtration plant is based on Schedule A of Minimum Fees established by the Illinois Society of Professional Engineers. Funds for these services are available from the Universities Building Fund

and have been released by the Governor.

The Committee on Buildings and Grounds and the Advisory Committee on the Selection of Architects and Engineers have been consulted and support these recommendations.

I concur.

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

EASEMENT TO ILLINOIS POWER COMPANY

(23) The Director of the Physical Plant and the Vice-President and Comptroller recommend grant of an easement to the Illinois Power Company over a strip of land thirty feet wide on the University farm property at the southeast corner of the intersection of the "A.T.&T." Road and South First Street, for the installation of a sixteen-inch high-pressure gas main as part of the long-range expansion of the Illinois Power Company gas distribution system plan for Champaign-Urbana. 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 Illinois Power Company, 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 16-inch gas main 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 ease-ment 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 gas main and to idemnify 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 gas 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 being a part of the North 129.13 acres of the West 1/2 of Section 31, Township 19 North, Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows:

PARCEL A

A strip of land Thirty Feet in width, being five (5) Feet East and Twentyfive (25) Feet West of the following-described line:

Beginning at a point in the South line of the said North 129.13 acres, said point being 971.4 feet East of the West line of said Section 31, thence Northerly along the centerline of the existing 10-inch gas transportation line to a point in the North line of said Section 31, said point being 955.8 Feet East of the Northwest corner of said Section 31; said parcel containing 1.374 acres, more or less.

PARCEL B

A rectangular tract of land described as follows:

Beginning at a point 30 Feet South and 930.8 Feet East of the North-west corner of the Northwest Quarter of Section 31, Township 19 North. Range 9 East of the Third Principal Meridian; thence South 35 Feet; thence East 30 Feet; thence North 35 Feet; thence West 30 Feet to the point of beginning; said parcel containing 1650 Square Feet (0.038 parcel parce) more or less acres), more or less.

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

EASEMENT TO ILLINOIS BELL TELEPHONE COMPANY

(24) The Director of the Physical Plant and the Vice-President and Comptroller recommend a grant of easement to Illinois Bell Telephone Company over the north four feet and the west four feet of the north 35 feet of 305 North Prospect Avenue, Champaign, Illinois, for placing a buried telephone cable of sufficient size to handle present and future loads.

Resolution Granting Easement Over Property at 305 North Prospect Avenue, Champaign, Illinois

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 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 Illinois Bell Telephone Company, an Illinois Corporation hereinafter referred to as "Company," its successors and assigns, the right and easement to construct, reconstruct, operate, maintain, repair, alter, replace, move, and remove a communications cable and other equipment appurtenant thereto, under, through, and across certain lands owned by University for the purpose of transmission of telephonic signals, and which lands are described below with the right of ingress to and egress therefrom. Company shall agree to repair any damage caused to property of this Corporation by the construction, reconstruction, operation, maintenance, renewal, or removal of said telephone communications cable, and to indemnify the University and its representatives from liability in connection with its activities; the term of said easement to be for such period as the easement may be used for the above described purposes, but upon the discontinuation of use of or abandonment of said telephone communications cable, said easement to thereupon cease and determine without necessity of re-entry or demand; the rights and easements granted to be limited to the extent that this public corporation has the present right and capacity to grant the same. The right-of-way easement shall be over the following described property:

Situated in the State of Illinois, the County of Champaign and the City of Champaign, and being a part of the NE 1/4 of the SE 1/4 of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows:

The North Four (4) Feet and the West Four (4) Feet of the North Thirtyfive (35) Feet of Lot Three (3) of Lenington's First Addition to the City of Champaign.

On motion of Mr. Swain, the foregoing resolution was adopted; Mr. Hughes asked to be recorded as not voting.

ADDITION TO CONTRACT FOR CONSTRUCTION OF CHICAGO CIRCLE CAMPUS

(25) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$19,981.16 in the contract with Gust K. Newberg Construction Co., Chicago, for construction of the Chicago Circle Campus, to add handrails in the twelve lecture rooms and at certain stairs on the elevated walk-way system in order to provide additional safety and protection for students, staff, and others.

Funds are available in the construction budget.

I concur.

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

ADDITION TO CONTRACT FOR SITE DEVELOPMENT WORK AT THE MENTAL HEALTH CENTER COMPLEX

(26) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$23,984 in the contract with General Paving Company Incorporated, Champaign, for site development work for the Mental Health Research Center to provide a heavier load bearing paving on the main access road serving the Center and the Firemanship Training facility.

As the road specified in the contract adequately meets the needs of the Department of Mental Health, it is recommended that the University assume the increased cost.

Funds are available in the Universities Building Fund and have been released by the Governor.

I concur.

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

ADDITION TO CONTRACT FOR CONSTRUCTION OF SINGLE GRADUATE RESIDENCE HALLS

(27) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$11,636.24 in the contract with McCarthy Bros. Construction Company, St. Louis, Missouri, for construction of the Single Graduate Residence Halls (SG-3) to provide for the installation of underground concrete encased conduit for electric service to the site in lieu of overhead lines.

Funds are available in the construction budget.

I concur.

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

INVITATION TO PRESIDENT TO PARTICIPATE IN FOURTH GENERAL CONFERENCE OF THE INTERNATIONAL ASSOCIATION OF UNIVERSITIES

(28) I request the Board of Trustees to authorize my attendance at the Fourth General Conference of the International Association of Universities in $Toky_{0}$, Japan. The official visitation is scheduled for the period from August 31 until September 6, exclusive of travel time.

The plenary meetings of the only world organization of universities are held quinquennially. Since its establishment, the International Association has grown steadily in membership and in the significance of its activities. Today, its membership is a roster of the leading institutions in higher education throughout the world. The Association is actually, and even more potentially, a force of unquestionable significance to international cultural development and understanding.

The mission will involve no travel expense to the University of Illinois. On motion of Mr. Pogue, the President's request was approved.

PURCHASES

(29) 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 Recommended	\$	516	338	80
From Institutional Funds				
Purchases Authorized Purchases Recommended	\$	20	028	21
Purchases Recommended	3	097	020	23
Grand Total	\$3	117	048	44
Grand Total	\$3	633	387	24
A complete list of the purchases authorized and purchases				

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. Williamson, the purchases authorized by the President were approved, and the purchases recommended were authorized.

COMPTROLLER'S REPORT OF PURCHASES APPROVED

(30) The Vice-President and Comptroller also submitted a report of purchases approved by him on recommendation of the Director of Purchases in amounts of \$2,500 to \$5,000. A copy of this report is filed with the Secretary.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS

(31) The Comptroller's report of contracts executed during the period May 1 to 31, 1965.

With Whom	Purpose	Paid to the University		
Boston University, Joint Committee for Research on Television and Children	Role of repetition in the television viewing of children	\$ 21 610 00		
National Aeronautics and Space Administration NGR 14-005-025	Accelerated creep resulting from repeated stress reversals	75 231 00		

1965]

United States Atomic Energy Commission AT-(11-1)-758

UNIVERSITY OF ILLINOIS

With Whom	Purpose	Amount to be Paid to the University
State of Illinois Department of Mental Health	Pharmacologically induced changes in cortical steady potential on the activity of single cortical neurons	\$ 7 693 00
United States Air Force AF-29-(601)-6776	Effects of gross inaccuracies of buried structures	33 780 00
United States Air Force AF-AFOSR-900-65	Point defects in CsCl ordered alloys	84 036 00
United States Air Force AF-AFOSR-931-65	Research in system theory	52 242 00
United States Air Force AF-AFOSR-935-65	Fluorescence during photosynthesis	11 200 00
United States Army DA-28-043-AMC-01333(E)	Direction finder system	223 104 00
United States Army DA-31-124-ARO(D)-359	Experimental and theoretical physics	81 279 00
United States Army DA-31-124-ARO-D-378	Intrinsic studies of materials	25 900 00
United States Atomic Energy Commission AT-(11-1)-1469	Computer science investigations	330 740 00
United States Department of Health, Education and Welfare OE-5-12-047	Counseling and guidance personnel in elementary schools	130 396 00
United States Department of Health, Education and Welfare OE-7-23-1020-268	Mnemonic programming	7 631 00
United States Office of Education (subcontract) University of Chicago OE-5-10-219	A cross-national study of socialization into com- pliance systems	56 000 00
Total		\$1 140 842 00
With Whom	Purpose	A mount to be Paid by the University
Commonwealth Edison	Electrical service to Medical Center Union	\$ 9 649 00
	Leases	Amount to be
With Whom	Purpose	Amount to be Paid by the University
Sycle & Keefe, Inc. (renewal)	Rental of three rooms, first floor, 1510 N. Main Street, Bloomington, from July 1, 1965, to June 30, 1967, for Division of Services for Crippled Children	\$ 3 000 00
Charles D. Taylor (renewal)	Rental of space, first floor, 516-520 S. McKinley Street, Harrisburg, from July 1, 1965, to June 30, 1967, for Division of Services for Crippled Children	3 000 00
Total		\$ 6 000 00
	Contract Changes	
		Amount to be Paid to the
With Whom Illinois Department of	Purpose Wildlife research studies	University \$108 667 00
Conservation National Aeronautics and Space Administration NSG-228	Radiation effects in semiconductors	42 000 00
Research Council on Riveted and Bolted Structural Joints of the Engineering Foundation	Behavior of riveted and bolted structural joints	22 000 00
United States Army DA-49-193-MD-2047	Antiradiation drugs	12 758 00
United States Army DA-49-193-MD-2212	Antiradiation drugs	18 906 00
United States Atomic	Basic research relating to atomic energy	26 774 00

Basic research relating to atomic energy 26 774 00

BOARD OF TRUSTEES

Amount to be

Amount to be

With Whom Purpose		Paid by th Universit				
United States Atomic Energy Commission AT-(11-1)-890	Mechanism of radiation-induced addition of tri- tium to carbon-carbon double bonds	\$	11	000	00	
United States Atomic Energy Commission AT-(11-1)-891	Chemical reactions of energetic atoms produced by nuclear recoil or by heterogeneous flash pho- tolysis		14	400	00	
United States Navy NONR-1834(02)	Development of radio wave direction-finding tech- niques		167	785	00	
United States Navy NONR-1834(05)	Nuclear disintegration schemes and nuclear inter- actions of cosmic rays		630	000	00	
Total		\$1	054	290	00	

Contract Change Orders

With Whom	Purpose		id by nivers	
Brunkow Electric Company	Electrical work — Administration Building East Chemistry Building Library Natural History Building	\$ 4 2 5 6	500 500 501 700	00
Dean Evans Company	General work — Administration Building East Chemistry Building Floriculture Building	8 5 4	210 200 600	00
Felmley-Dickerson Construction Co.	Morrill Hall	6	422	00
Reliable Plumbing and Heating Co.	Piping and duct work — Electrical Engineering Building	177.1	205	1221
	Air conditioning — Mumford Hall	5	000	00
Total		\$ 56	838	00

Summary

Summary			
Amount to be paid to the University			
Amount to be paid by the University	72	487	00
This report was reasized for record			

This report was received for record.

INVESTMENT REPORT

Report of the Finance Committee

(32) The Finance Committee reported the following changes in investments of endowment funds for the month of April, 1965:

-	
50	0
	16

D 1

400 shares Bendix Aviation common stock	\$ 18 407 18
400 shares Cleveland Electric Illuminating common stock	16 169 34
Purchase	
74/100 share Dow Chemical Company common stock	\$ 61 88
535 shares Minnesota Mining and Manufacturing common stock	34 240 00
\$36 000 U. S. Treasury 4¼ per cent bonds due 5/15/74	36 292 50

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 April, 1965:

Current Funds (June 20, 1962)

Duke			
Sale \$30 000 U. S. Treasury 4 ⁵ / ₈ per cent notes due 5/15/65\$	30	018	75
Purchase \$15 000 U. S. Treasury bills due 5/13/65 15 000 U. S. Treasury bills due 11/30/65	14 14	985 669	00 43
Ford Foundation International Programs Sale			
\$50 000 U. S. Treasury 45% per cent notes due 5/15/65\$	50	031	25

1965]

Purchase \$51 000 U. S. Treasury bills due 5/13/65		50	949	00
Restricted Group				
Purchase § 500 000 International Harvester Credit Corporation due			1212127	
11/1/65 500 000 International Harvester Credit Corporation due	\$	488	194	44
11/15/65 1 000 000 Montgomery Ward Credit Corporation due 12/1/65		488	135 381	42
Construction Funds				
Assembly Hall (June 23, 1959, and March 17, 1962) Purchase				
\$27 000 U. S. Treasury bills due 8/19/65	\$	26	663	70
Florida Avenue Residence Halls (March 12, 1965)				
Purchase \$ 90 000 U. S. Treasury bills due 5/13/65 200 000 U. S. Treasury bills due 6/17/65 240 000 U. S. Treasury bills due 7/15/65 270 000 U. S. Treasury bills due 8/19/65 320 000 U. S. Treasury bills due 9/16/65 320 000 U. S. Treasury bills due 9/16/65 360 000 U. S. Treasury bills due 10/14/65 450 000 U. S. Treasury bills due 12/13/65 450 000 U. S. Treasury bills due 12/13/65 450 000 U. S. Treasury bills due 12/13/65 450 000 U. S. Treasury bills due 1/31/66 310 000 U. S. Treasury bills due 3/31/66 300 000 U. S. Treasury 4 per cent notes due 5/15/66 1 300 000 U. S. Treasury 4 per cent notes due 8/15/66 1 500 000 U. S. Treasury 4 per cent notes due 8/15/66 1 500 000 U. S. Treasury 3% per cent notes due 2/15/67	1 1 1	198 237 266 314 352 450 437 406 299 288 299 499 498	794 771 784 454 816 995 210 522 866 299 576 796 531 007 525	33 33 00 71 20 94 25 25 75 33 88 25 81
Graduate Housing (February 19, 1964) Sale	1	232	525	01
\$20 000 U. S. Treasury bills due 4/30/65	\$	19	981	15
Purchase \$55 000 U. S. Treasury bills due 6/17/65		54	717	67
Illini Union and Health Center (December 21, 1960)				
Sale \$20 000 U. S. Treasury bills due 6/17/65 Illinois Street Residence Halls (October 17, 1962)	\$	19	874	01
Purchase \$70 000 U. S. Treasury bills due 7/15/65 Orchard Downs Addition (May 24, 1962)	\$	69	373	81
Purchase \$30 000 U. S. Treasury bills due 7/15/65	\$	29	703	49
Sinking Funds Florida Avenue Residence Halls (March 12, 1965) Purchase				
\$180 000 U. S. Treasury bills due 9/23/65 180 000 U. S. Treasury bills due 2/28/66 182 000 U. S. Treasury 4 per cent notes due 8/15/66		173 182	786 000	95 00
Housing Revenue Bonds (December 17, 1958; June 23 and October 14, 1960; June 21, 1961; May 24 and October 17, 1962; February March 12, 1965) Purchase	21,	195 , 190	9; Ju 54; a	ine .nd
% 6 000 U. S. Treasury bills due 9/23/65	\$		904 000	

587

Revenue Bonds of 1952 (December 16, 1953)

Purchase

\$15 000 U. S. Treasury 3% per cent bonds due 11/15/74..... \$ 14 685 94 Revenue Bonds of 1956 (March 23 and September 18, 1956)

Purchase

\$2 000 U. S. Treasury 3¾ per cent notes due 8/15/67......
 \$1 987 50
 Women's Residence Halls Revenue Bonds (September 18, 1956)
 Purchase

\$5 000 U. S. Treasury 3¾ per cent notes due 8/15/67......\$ 4 968 75 On motion of Mr. Williamson, this report was received for record.

REPORTS AND ANNOUNCEMENTS FROM THE PRESIDENT OF THE BOARD

FUTURE MEETINGS OF THE BOARD

July

President Clement announced the next meeting of the Board will be held as scheduled, July 21, 1965, Urbana, Illinois. A major item of business at this meeting will be the operating budget for 1965-66. The Finance Committee will meet on July 20 to study the budget in consultation with the University officials.

Executive Committee Meeting

On call of the Chairman, the Executive Committee will meet late in June to act on recommendations for purchases which must be authorized prior to the end of the fiscal year.

August

President Clement asked the wishes of the Board concerning a meeting in August.

On motion of Mr. Williamson, the Board voted to omit a meeting in August and that the Executive Committee should act for the Board if necessary.

COMMENCEMENT EXERCISES

The Trustees have received information and instructions concerning the Commencement Exercises at Urbana-Champaign on Saturday, June 19, 1965. Seven of the Trustees have indicated they will attend.

REPORTS OF COMMITTEES

COMMITTEE ON BUILDINGS AND GROUNDS

At the meeting of the Board of Trustees on May 19, 1965, the President of the Board presented a petition which he and the other Trustees received, signed by a number of property owners and residents on Florida Avenue and on streets in the area of the intersection of Florida and Lincoln Avenues, asking that the original plan for the improvement of Florida Avenue be followed instead of the new design now required by the State Division of Highways which would involve additional rights-of-way at the intersection and would adversely affect property owners in the block immediately east of Lincoln Avenue and south of Florida Avenue.

This petition was referred to the Committee on Buildings and Grounds for consideration and advice.

At the same meeting, action on a proposal which had also been submitted to the Board for grants of the rights-of-way required for the projected improvement was deferred.

Mr. Pogue, for the Committee on Buildings and Grounds, reported that a meeting of the Committee was held earlier today to consider its assignment, and that the Committee heard three representatives of the Florida Avenue residents

1965]

and property owners who were objecting to the improvement as now proposed, and a representative of the Urbana Association of Commerce who spoke in favor of the improvement.

Following this hearing, the Committee received reports on the projected improvement from Director C. S. Havens of the Physical Plant and Professor John E. Baerwald of the Department of Civil Engineering, Director of the University's Highway Traffic Safety Center and Consultant to the State Division of Highways.

Following extended discussion of these presentations, the Committee found that the proposed improvement is part of long-range planning in which the University participated with the local communities, that recent up-graded highway standards require the alterations which will result in the further widening at the Florida and Lincoln Avenues intersection, that the Board of Trustees could not provide the remedy sought by the objectors, and that the University had in the course of planning committed itself to cooperating in the improvement.

had in the course of planning committed itself to cooperating in the improvement. All members of the Committee and other Trustees present at the meeting expressed sympathy with the property owners but agreed that no other course was open than to participate in the proposed improvement, and the Committee by unanimous vote so recommended.

Accordingly, Mr. Pogue reported the Committee supports the following recommendation and resolutions presented by the President of the University.

Florida Avenue Improvement

The Board of Trustees on April 17, 1958, approved a grant of right-of-way easement over University-owned land to the state of Illinois for the extension of Florida Avenue between Lincoln Avenue and Neil Street based upon then approved standards of highway design. The improvement has been completed between Neil and Fourth Streets.

On July 22, 1964, the Board approved the University's participation in the extension and improvement of Florida Avenue between Fourth Street in Champaign and Lincoln Avenue in Urbana. The Board of Supervisors of Champaign County and the City Councils of Champaign and Urbana have taken official action approving the paving of Florida Avenue. The design of Florida Avenue from Fourth Street to Lincoln Avenue, including the intersection, has just been completed and now meets the requirements of the Illinois Division of Highways.

To facilitate and provide for proper traffic movements through the intersection of Lincoln Avenue and Florida Avenue and to make a transition between the existing pavement east of Lincoln Avenue (34 feet wide) and the new pavement west of Lincoln Avenue (57 feet 2 inches wide including the median strip), and to provide for proper traffic movements through the intersection of Florida Avenue and Fourth Street, the engineers have indicated that additional right-of-way will be required over University-owned property. These changes will increase the estimated construction costs by approximately \$170,000, which will be financed by the two cities and the county and will

These changes will increase the estimated construction costs by approximately \$170,000, which will be financed by the two cities and the county and will increase the University's contribution to the project, based on additional rightof-way, the relocation of trees, and additional engineering costs. The estimate of increased costs to the University is approximately \$26,100.

No payment will be made to the University for this easement, and the University will not be responsible for any further capital or construction costs or for any maintenance, cleaning, or repairs of the roadway and the drainage system. The University will retain the right to extend sidewalks, streets, and drives across the easement in the future, the cost of such extensions to be at the expense of the University.

Since part of the right-of-way easement is included in the site of the Pennsylvania Avenue Residence, it is also necessary to abandon a portion of the site in accordance with the provisions of the Resolution authorizing the issuance of bonds.

The Director of the Physical Plant and the Vice-President and Comptroller recommend approval of the increased contribution of the University to the project and that the necessary right-of-way easement over land owned by the University be conveyed to the state of Illinois.

I concur and recommend adoption of the following resolutions.

Resolution

WHEREAS, the authorities of the City of Champaign and Urbana, Illinois of Champaign County, Illinois, and the Board of Supervisors of Champaign County, Illinois and the State of Illinois have reached an agreement to construct and maintain a public roadway extending from a point west of Fourth Street in the City of Champaign, Illinois, to a point east of Lincoln Avenue in the City of Urbana, Illinois, which will constitute an extension of Florida Avenue in said cities, and the following described land, title to which is now held by the University of Illinois, will be needed by them for said purpose; and

WHEREAS, the construction and maintenance of said proposed public roadway will benefit the University of Illinois in various ways, and it is in the best interests of the University of Illinois, and will be advantageous to it, therefore to grant an easement of right of way to the State of Illinois, acting by and through the Director of its Department of Public Works and Buildings over and across the following described land so that said proposed public roadway, constituting an extension of Florida Avenue in the Cities of Urbana and Champaign, Illinois, can be constructed and maintained thereon:

Therefore, It Is Hereby Resolved by The Board of Trustees of the University of Illinois, that the Comptroller and Secretary of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, be, and they are hereby authorized to execute, acknowledge, and deliver in the name and in behalf of said public corporation, an instrument of conveyance in the form of a grant of right of way easement, and other documents in connection therewith, as they and the Legal Counsel of the University of Illinois may find necessary or desirable, in order to effect a conveyance from said public corporation to the State of Illinois, acting by and through the Director of its Department of Public Works and Buildings, of a right of way easement for the purpose of improving and extending Florida Avenue from a point approximately 85 feet west of Fourth Street in the City of Champaign, Illinois, to a point approximately 390 feet east of Lincoln Avenue in the City of Urbana, Illinois, over, upon and across the following described lands, viz:

TRACT B-1

Situated in the State of Illinois, County of Champaign, the City of Champaign and being a part of the Southwest One Quarter of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows: Beginning at a point 21.49 feet North and 33.0 feet West of the Southeast corner of the Southwest 1/4 of the Southwest 1/4 of said Section 18, said corner being marked with a brass rod; thence Northerly along the existing West R.O.W. line of Fourth Street a distance of 350.0 feet; thence Southwesterly a distance of 120.60 feet to a point 12.0 feet West of the said existing West R.O.W. line and 230.0 feet North of the point of beginning; thence Southerly parallel to and 12.0 feet West of the said existing West R.O.W. line a distance of 150.0 feet; thence Southwesterly a distance of 45.28 feet to a point 17.0 feet West of the said existing West R.O.W. line and 34.89 feet North of the existing North R.O.W. line of Florida Avenue; thence Southwesterly to a point 10.0 feet North of the said existing North R.O.W. line and 39.68 feet West of the said existing West R.O.W. line of Florida Avenue; thence Southwesterly to a point 10.0 feet to a point on the said North R.O.W. line, said point being 84.74 feet West of the point of beginning; thence Easterly along the said existing North R.O.W. line a distance of 84.74 feet to the point of beginning; said parcel containing 4,274.8 square feet (0.0981 acres) more or less.

TRACT B-2

Situated in the State of Illinois, the County of Champaign, the City of Champaign and being part of the Northwest One Quarter of Section 19, Township 19 North, Range 9 East of the Third Principal Meridian, and being more fully bounded and described as follows: Beginning at a point 58.51 feet south of the Northwest corner of the Northeast 14 of the Northwest 14 of said Section 19, said corner being marked with a brass rod; thence Southerly a distance of 20.0 feet; thence Westerly 33.0 feet parallel to and 20.0 feet South of the existing South R.O.W. line of Florida Avenue; thence Northwesterly to a point on the existing South R.O.W. line of Florida Avenue, said point being 53.0 feet Westerly of the point of beginning, thence Easterly along the said existing South R.O.W. line to the point of beginning, said parcel containing 860.0 square feet, more or less.

TRACT C-1

Situated in the State of Illinois, the County of Champaign, and the Cities of Champaign and Urbana and being also parts of Section 18, Township 19 North, Range 9 East and Section 19, Township 19 North, Range 9 East of the Third Principal Meridian and being further bounded and described as follows: Beginning at the Northwest corner of the Northeast Quarter of the Northwest Quarter of said Section 19, said corner being marked with a brass rod; thence South $0^{\circ}.49'$ East a distance of 78.51 feet; thence North 89°-11' East a distance of 33.0 feet; thence North 44°-12'-30" East a distance of 18.38 feet to a point 47.0 feet South of the proposed centerline of Florida Avenue; thence North 89°-14' East a distance of 124.0 feet parallel to and 47.0 feet South of the said proposed centerline; thence North 86°-33'-41" East a distance of 150.16 feet to a point 40.0 feet South of the said proposed centerline; thence North 89°-14' East a distance of 1,005.60 feet parallel to and 40.0 feet South of the said proposed centerline; thence North 80°-21'-48" East a distance of 2,109.84 feet parallel to and 40.0 feet South of the said proposed centerline; thence South 87°-57'-53" East a distance of 150.16 feet to a point 47.0 feet South of the said proposed centerline; thence North 89°-21'-48" East a distance of 400.57 feet parallel to and 47.0 feet South of the said proposed centerline; thence south 87°-57'-43" East a distance of 150.16 feet to a point 47.0 feet South of the said proposed centerline; thence North 89°-21'-48" East a distance of 43.66 feet to a point 40.0 feet North 61°-23' West a distance of 43.66 feet to a point 40.0 feet North of the said proposed centerline; thence South 89°-21'-48" West a distance of 1,132.55 feet parallel to and 40.0 feet North of the said proposed centerline; thence North 1°-02' West a distance of 11.66 feet to a point 51.66 feet North of the said proposed centerline; thence South 88°-54' West a distance of 1,325.64 feet parallel to and 40.0 feet North of the said proposed centerline;

TRACT D

Situated in the State of Illinois, the County of Champaign, the City of Urbana, and being a part of the Northeast One Quarter of Section 20, Township 19 North, Range 9 East of the Third Principal Meridian and being more fully bounded and described as follows: Beginning at a point 17.0 feet south and 33.0 feet East of the Northwest corner of said Section 20; thence Easterly along the existing South R.O.W. line of Florida Avenue a distance of 390.0 feet; thence Southwesterly a distance of 276.14 feet to a point 58.5 feet South of the existing centerline of Florida Avenue; thence Westerly parallel to and 58.5 feet South of the existing centerline of Florida Avenue a distance of 97.0 feet; thence Southwesterly a distance of 28.28 feet to the point of intersection with the existing East R.O.W. line of Lincoln Avenue and 61.5 feet South of the point of beginning; thence Northerly along the said existing East R.O.W. line of Lincoln Avenue a distance of 61.5 feet to the said point of beginning; said tract containing 10,720.25 square feet (0.2461 acres) more or less.

TRACT E

Situated in the State of Illinois, the County of Champaign, the City of Urbana, and being a part of the Northeast One Quarter of Section 19, Township 19 North, Range 9 East of the Third Principal Meridian and being more fully bounded and described as follows: Beginning at a point 58.5 feet south and 33.0 feet west of the Northeast corner of said Section 19, thence Southerly along the existing West R.O.W. line of Lincoln Avenue a distance of 381.5 feet; thence northwesterly a distance of 217.72 feet to a point 23.0 feet west of the said existing West R.O.W. line of Lincoln Avenue; thence Northerly parallel to and 23.0 feet west of the said West R.O.W. line of Lincoln Avenue a distance of 140.0 feet; thence Northwesterly a distance of 35.36 feet to a point 47.0 feet south of the proposed centerline of Florida Avenue and 48.0 feet west of the point of beginning; thence Easterly a distance of 48.0 feet to the said point of beginning; said tract containing 6,597.25 square feet (0.1515 acres) more or less.

TRACT F

Situated in the State of Illinois, the County of Champaign, the City of Urbana, and being a part of the Southeast One Quarter of Section 18, Township 19 North, Range 9 East of the Third Principal Meridian and being more fully bounded and described as follows: Beginning at a point 61.5 feet North and 30.0 feet West of the Southeast corner of said Section 18; thence Northerly along the existing West R.O.W. line of Lincoln Avenue a distance of 783.1 feet to a point of intersection with the South R.O.W. line of Pennsylvania Avenue; thence Westerly along the South R.O.W. line of said Pennsylvania Avenue a distance of 26.0 feet; thence Southerly parallel to and 26.0 feet West of the said West R.O.W. line of Lincoln Avenue, a distance of 783.1 feet; thence Easterly a distance of 26.0 feet to the said point of beginning; said parcel containing 20,360.6 square feet (0.4674 acres) more or less.

The provisions of said grant of right-of-way easement and any such other documents as may be executed and delivered pursuant to this resolution to be approved by the Legal Counsel of the University.

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

Resolution

WHEREAS the authorities of the City of Champaign, Illinois, the City of Urbana, Illinois, The Board of Supervisors of Champaign County, Illinois, and the State of Illinois propose to make certain improvements to Lincoln Avenue between Pennsylvania Avenue and Florida Avenue, in the City of Urbana, Illinois; and

WHEREAS the City of Urbana proposes to vacate (and thereby title thereto will vest in the University of Illinois) that portion of Virginia Drive lying between College Court and Florida Avenue (herein called the "Replacement Property") in exchange for the University conveying a grant of right of way easement to the State of Illinois over, upon and across the following described lands:

Situated in the State of Illinois, the County of Champaign and the City of Urbana, and being a part of the SE 1/4 of the SE 1/4 of Section 18, Township 19 North, Range 9 East of the 3rd Principal Meridian, and being more fully bounded and described as follows:

Beginning at a corner on the West property line of Lincoln Avenue in the City of Urbana, said corner being marked with an iron pipe and being 438.4 feet distant North of and 30.0 feet distant West of the Southeast corner of said Section 18; thence Northerly, along the West property line of said Lincoln Avenue, a distance of 406.2 feet to a corner, said corner being marked with an iron pipe and being also the intersection of the West property line of said Lincoln Avenue and the South property line of Pennsylvania Avenue in the City of Urbana; thence Westerly, along the South property line of said Pennsylvania Avenue, a distance of 26.0 feet to a corner, said corner being marked with an iron pipe; thence Southerly along a line parallel to the West property line of said Lincoln Avenue, a distance of 406.2 feet to a corner, said corner being marked with an iron pipe; thence Southerly along a line parallel to the West property line of said Lincoln Avenue, a distance of 406.2 feet to a corner, said corner being marked with an iron pipe; thence Southerly along a line parallel to the West property line of said Lincoln Avenue, a distance of 406.2 feet to a corner, said corner being marked with an iron pipe; thence fasterly a distance of 26.0 feet to the place of beginning, said parcel containing 0.242 acres, more or less,

(herein called the "Abandoned Property"), a portion of which was designated for, and constitutes a portion of, the Project Site of Project E (otherwise known as the Pennsylvania Avenue Residence) for the account of which \$5,000,000 Housing Revenue Bonds of 1960, Series B, and \$750,000 Housing Revenue Bonds of 1960, Series C, were issued under and pursuant to that Housing Revenue Bond Resolution of this Board of Trustees adopted December 17, 1958, as supplemented (herein called the "Resolution"); and

WHEREAS neither the Abandoned Property proposed to be conveyed nor the Replacement Property proposed to be acquired by the University in exchange therefor is revenue producing, and such exchange will be for the benefit of the University of Illinois, its students and faculty as well as the holders of the bonds outstanding under the Resolution; and

WHEREAS the conveyance of the Abandoned Property will not materially affect the use or occupancy of any of the facilities for the account of which bonds have been issued under the Resolution or the revenues derived or to be derived from any such facilities.

Now, Therefore, Be It, and It Hereby Is Resolved that The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, does hereby permanently abandon the use of the said above described Abandoned Property as part of the Project Site and concurrently therewith replaces said Abandoned Property with the Replacement Property as part of the Project Site upon the acquiring of title to the Replacement Property by this public corporation.

Be It Further Resolved that inasmuch as neither the Abandoned Property nor the Replacement Property are revenue producing, all of the conditions precedent set forth in Section 8.01 of the Resolution are fully satisfied to the extent they may in any way be considered applicable.

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

COMMITTEE ON GENERAL POLICY

Amendments of University of Illinois Statutes Relating to Academic Freedom and Tenure

The Committee on General Policy begins its report with an account of the official proceedings in the subject matter since the last formal action taken by the Board of Trustees on April 15, 1964, when it adopted a report with recommendations from this Committee on the revisions of the University of Illinois Statutes dealing with academic freedom and tenure and, concurrently, a resolution that the advice of the Senates be sought on these revisions as provided in Section 65 of the Statutes.

While seeking advice on revisions in Sections 6, 38, and 39 only, the Committee recommended tentative approval of other proposals submitted by the Senate Coordinating Council and transmitted to the Board on June 19, 1963. A document was sent to the University Senates under date of May 8, 1964, in which the President reviewed the status of consideration of proposed revisions of the Statutes prior to that date which included the revisions of Sections 6, 38, and 39, as recommended by the Committee on General Policy. A copy of this document is filed with the Secretary for record.

The proposed amendments submitted to the Senates for advice had been evolved in discussions between the Board Committee on General Policy and the three University Senate Committees on Academic Freedom and had been approved by them. The document of May 8, 1964, also listed in parallel columns for ready comparison the present statutory provisions, the recommendations of the Senates and the Coordinating Council, and the modifications proposed by the Board of Trustees.

On May 19, 1964, the Chicago Undergraduate Division Senate expressed its approval of the modifications proposed by the Board. On May 25, 1964, the Urbana-Champaign Senate defeated a motion to adopt

On May 25, 1964, the Urbana-Champaign Senate defeated a motion to adopt the Board's modifications and passed motions which (a) requested an opportunity for further consultation with the Board of Trustees (or a committee thereof) for the purpose of arriving at a consensus which would reflect the principles of the amendments adopted by the three Senates; (b) designated a Committee of the Senate for such purpose; and (c) suggested that the Board invite the corresponding Committees on Academic Freedom from the other two Senates to join in such consultations.

On June 3, 1964, the Medical Center Senate also defeated a motion to approve the Board's proposed modifications and passed motions requesting further consultations in essentially the manner suggested by the previous action of the Urbana-Champaign Senate.

In accordance with the request of the Urbana-Champaign and the Medical Center Senates, on June 17, 1964, the President of the University recommended to the Board of Trustees that:

further consultation be arranged with the designated committees, including the Committee on Academic Freedom of the Chicago Undergraduate $\mathrm{Di}_{\mathrm{Vi}}$ sion;

the Liaison Committee of the Senate Coordinating Council also be requested to participate in the consultation as provided for in Section 7(d) of the U_{ni} -versity Statutes; and that

the matter be referred to the Committee on General Policy of the Board of Trustees for further action.

This recomendation was approved by the Board of Trustees.

On the same day, June 17, 1964, the Board's Committee on General Policy voted to transmit through the President of the University to the three Senate Committees on Academic Freedom and to the Liaison Committee of the Senate Coordinating Council a statement in which the Committee observed that, as a result of its earlier consultations with Senate representatives, it believed the modifications proposed by the Board in Sections 38(d) and 38(e)(7) "conformed with the general principles of the Senate revisions of the Statutes and were by way of clarification, rather than modification, of those principles." Additionally, the statement noted that the language proposed by the Board for Sections 38(e)(8) and 39(b), as interpreted in the Board Committee's May 1, 1964, Supplementary Report, also appeared to be acceptable to the Senate conferees, particularly since the respective Senate Committees on Academic Freedom had moved approval of the Board's proposals at the various Senate meetings.

To obtain clarification of the reasons behind the rejection of the Board proposals by the two Senates, the June 17 Committee statement set forth certain questions which appeared to be of central concern and suggested that further consultations with representatives of the three Senates be deferred until after the Committee on General Policy had received "written statements from the respective Senate Committees on Academic Freedom." The concluding paragraph of the June 17, 1964, action by the Board's Committee on General Policy reads:

"The statements of the two Senate Committees, and any statements which the Chicago Undergraduate Division Senate and Senate Coordinating Council Liaison Committees (or individual members of any one of these Committees) might wish to submit, should be sent to the Secretary of the Board of Trustees. Mr. A. J. Janata, who will transmit them to the members of this Committee, to the President, to the Liaison Committee of the Senate Coordinating Council, and to the individual members of the three Senate Coordinating Council, Freedom. Mr. Janata will then take steps to arrange with all of these groups mutually convenient times for the consultations requested by the Urbana-Champaign and Medical Center Senates."

On January 4, 1965, the Secretary of the Board of Trustees received a Joint Report from the Committees on Academic Freedom of the three Senates and copies were sent to the Trustees and President. (This report was prepared in December, 1964, and the Senate Committees' versions of the statutory texts are so dated.) The Liaison Committee of the Coordinating Council submitted a statement on February 5, 1965. The recommendations submitted by these groups have been under study by the Board's Committee on General Policy, as directed by the Board of Trustees.

The Committee on General Policy is now prepared to recommend to the Board of Trustees acceptance of the specific proposals for changes in the Statutes of the University, as contained in the Joint Report and as reproduced as an appendix (Sheets I, II, III, IV) to this report of your Committee. Such acceptance would not extend to the other material in the Joint Report.

Before submitting its report to the Board, the Committee on General Policy instructed the President to inquire from the Senate Committees and the Liaison Committee as to their desires for consultation, in view of the proposed action of the Board's Committee. He was also instructed to inform the consultative groups that the Committee's action would have to do with the specific proposals for Statute revision, not with the discourse in the Joint Report. The Committee on General Policy further requested that at the earliest time possible the advice of the Senates be sought on the statutory revisions proposed in the Joint Report, for the consideration of the Board of Trustees.

The Chairmen of the Senate Committees and the Secretary of the Coordinating Council have stated that in view of the proposed recommendation of the Board's Committee on General Policy, as herein described, no further consultation between the Board's Committee and the Senates and Council Committees appears necessary prior to consideration by the Senates of the proposed statutory revisions.

Therefore, in accordance with Section 65 of the University Statutes, on behalf of the Committee on General Policy acting for the Board of Trustees, the President formally asked the Senates to give their advice on the proposed changes in the Statutes as indicated in appended Sheets I, II, III, and IV (pages 595 to 598) under the heading "Senate Committee Version, December 1964." The text under these headings is precisely the text in the Joint Report of the three Senate Committees and is concurred in by the Liaison Committee of the Senate Coordinating Council. Advice was also sought on the proposal on Sheet IV, in the column labeled "Board Committee Version, May 1965" which provides a fixed period of delay in the effective date of a dismissal. No phrasing was submitted on this latter subject by the Senate Committees. Your Committee concurs in principle with the general point made in the Joint Report and proposes the statutory statement presented on Sheet IV for its implementation. Recommendation: The three Senates have now expressed their approval of

Recommendation: The three Senates have now expressed their approval of the revisions as presented in the last columns of the appended texts. Your Committee recommends adoption of these revisions along with final adoption of the collateral revisions recommended to and tentatively approved by the Board on April 15, 1964, on which there was no dissent from the Senates.

> THEODORE A. JONES TIMOTHY W. ŚWAIN HAROLD POGUE FRANCES B. WATKINS KENNEY E. WILLIAMSON WAYNE A. JOHNSTON, Chairman Committee on General Policy

Amendments of University of Illinois Statutes Relating to Academic Freedom and Tenure Sheet No. I

Current, 1958 Statutes

38(d) Causes for discharge shall consist of conduct seriously prejudicial to the University through deliberate infraction of law or commonly accepted standards of morality, neglect of duty, inefficiency, or incompetency. The enumeration of causes for discharge shall not be deemed exclusive, and the Board of Trustees reserves the power to discharge for other causes, but it is to be distinctly understood that this power will be exercised only under exceptional circumstances and then only for conduct which is clearly prejudicial to the best interests of the University.

Coordinating Council Version, June, 1963

38(d) Due cause for dismissal shall be deemed to exist only if, with all due regard for the freedoms and protections provided for in Sec. 39 of these Statutes, a faculty member's conduct is found to demonstrate clearly and convincingly either that: (1) he has been grossly neglectful of, or grossly inefficient in,

the performance of his University duties; or that: (2) he can no longer be relied upon to perform his University duties and functions in a manner consonant with professional standards of competence and responsibility.

Board of Trustees Version, April, 1964

38(d) Due cause for dismissal shall be deemed to exist only if a faculty member's conduct is found to demonstrate clearly and convincingly either that (1) he has been grossly neglectful of, or grossly inefficient in, the performance of his University duties, or that (2) he can not be relied upon to perform his University duties and functions, or otherwise to conduct himself, in a manner consonant with professional standards of conduct, competence, and responsibility.

Senate Committee Version, December, 1964

38(d) Due cause for dismissal shall be deemed to exist only if (1) a faculty member has been grossly neglectful of or grossly inefficient in the performance of his University duties and functions; or (2) with all due regard for the freedoms and protections provided for in Section 39 of these Statutes, a faculty member's performance of his University duties and functions or his extramural conduct is found to demonstrate clearly and convincingly that he can no longer be relied upon to perform his University duties and functions in a manner consonant with professional standards of competence and responsibility; or (3) a faculty member has, during his employment by the University, illegally advocated overthrow of our constitutional form of government by force or violence.

Current, 1958 Statutes Sheet No. II

No comparable provision in 1958 Statutes.

Coordinating Council Version, June, 1963

38(e)(8) Suspension. An appointee may be suspended only under exceptional circumstances and with pay subject to the following provisions: a) The President may suspend before the filing of any charges only after giving notice to the chairman or, in the absence of the chairman from the University, to some member of the Faculty Advisory Committee that he believes that cause for dismissal may exist; b) If the President suspends after so giving notice to the chairman or some member of the Faculty Advisory Committee, or during consultation with the Faculty Advisory Committee, such suspension shall terminate within twenty days after that Committee has made its recommendations to the President unless the President initiates dismissal proceedings by the filing of charges for dismissal within that twenty-day period; and, c) If the President initiates dismissal proceedings by filing charges for dismissal, he may suspend the appointee, or may extend a previous suspension of the appointee, until the termination of those proceedings, or until the effective date of dismissal if the proceedings result in dismissal.

Board of Trustees Version, April, 1964

38(e) (8) Suspension. An appointee may be suspended by the President only when he considers such suspension clearly necessary and justified, subject to the following provisions: a) the President may suspend before the filing of any charges only after giving notice to the chairman or, in the absence of the chairman from the University, to some member of the Faculty Advisory Committee that he believes that cause for dismissal may exist; b) if the President suspends after so giving notice to the chairman or some member of the Faculty Advisory Committee, or during consultation with the Faculty Advisory Committee, such suspension shall terminate within thirty days after that Committee has made its recommendations to the President unless the President initiates dismissal proceedings by the filing of charges for dismissal within that thirty-day period; c) if the President initiates dismissal proceedings by filing charges for dismissal, he may suspend the appointee, or may extend a previous suspension of the appointee, until the termination of those proceedings, or until the effective date of dismissal if the proceedings result in dismissal; and d) if dismissal proceedings are not filed against a faculty member who has been suspended or, if filed, do not result in a dismissal, the faculty member shall be entitled to receive the full amount of his agreed compensation as though no suspension had occurred.

Senate Committee Version, December, 1964

38(e) (8) Under exceptional circumstances, and when such action is clearly necessary and justified, the President may direct that a faculty member be relieved of some or all of his University duties and functions and reassigned to others, without prejudice and without loss of compensation, pending the final decision of his case, subject to the following provisions: a) the President may reassign duties before the filing of any charges only after giving notice to the chairman or, in the absence of the chairman from the University, to some member of the Faculty Advisory Committee, that he believes that cause for dismissal may exist; b) if the President reassigns duties after so giving notice to the chairman or some member of the Faculty Advisory Committee, such reassignment shall terminate within thirty days after that Committee has made its recommendations to the President unless the President initiates dismissal proceedings by the filing of charges for dismissal within that thirty-day period; and c) if the President initiates dismissal proceedings by filing charges for dismissal, he may reassign duties, or extend a previous reassignment of duties until the termination of those proceedings, or until the effective date of dismissal if the proceedings should result in dismissal.

Sheet No. III

Current 1958 Statutes, and Coordinated Council Version, June, 1963

39(b) In his role as citizen, the faculty member has the same freedoms as other citizens, without institutional censorship or discipline, although he should be mindful that accuracy, forthrightness, and dignity befit his association with the University and his position as a man of learning.

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

Board of Trustees Version, April, 1964

39(b) In his role as a citizen, the faculty member at the University has the same freedoms as other citizens, but his special position as a member of a learned profession associated with an educational institution carries with it a special obligation to recognize that the public may judge his profession and the University by his conduct or his utterances. When he speaks or writes, a faculty member should be mindful of the admonitions that accuracy, forthrightness, and dignity befit his association with the University and his position as a man of learning. If a faculty member fails to heed these admonitions on an occasion when he is exercising his freedom of speech as a citizen, such failure shall not, of itself, constitute due cause for dismissal but, after consultation with the Faculty Advisory Committee, the President may take official cognizance of such failure.

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

Senate Committee Version, December, 1964

39(b) In his role as a citizen, the faculty member may exercise the same freedoms as other citizens, without institutional censorship or discipline. He should be mindful, however, that accuracy, forthrightness and dignity befit his association with the University and his position as a man of learning, and that the public may judge his profession and the University by his conduct and utterances.

³⁹(c) If, in the President's judgment, a faculty member should fail to heed the admonitions of Section 39(b) on an occasion when he is exercising his freedom of expression as a citizen, the President may publicly disassociate the Board of Trustees and the University administration from, and express their disapproval of such objectionable expressions.

Current 1958 Statutes

Sheet No. IV

No comparable provision in 1958 Statutes.

Coordinating Council Version, June, 1963

38(e)(7) ***The Board will give due consideration to the findings, conclusions, and recommendations of the Committee on Academic Freedom and Tenure, and in all cases where a report was made by the Committee will invite a member of the Committee designated by its chairman to attend the hearing before the Board and afford him an opportunity to make a statement.

(The sentence below is a continuation of 38(e)(7) but is separated here to facilitate comparison with the texts in the other two columns.)

If the Board concludes that the appointee should be dismissed or asked to resign, in designating the effective date of dismissal or requested resignation, the Board will give due consideration to the time reasonably required for the adjustment of the appointee's personal affairs. ***

Board of Trustees Version, April, 1964

38(e)(7) ***The Board will give due consideration to the findings, conclusions, and recommendations of the Committee on Academic Freedom and Tenure, and the remainder of the record before said Committee, and in all cases where a report was made by the Committee will invite a member of the Committee designated by its chairman to attend the hearing before the Board and afford him an opportunity to make a statement.

If the Board concludes that the appointee should be dismissed or asked to resign, in designating the effective date of dismissal or requested resignation, the Board will give due consideration to all relevant factors including, without limitation, the gravity of the appointee's conduct in question, the services to be rendered to the University by the appointee during any intervening period, and to the time reasonably required for the adjustment of the appointee's personal affairs. ***

Senate Committee Version, December, 1964

38(e)(7) ***The Board will give due consideration to the findings, conclusions and recommendations of the Committee on Academic Freedom and Tenure, and the remainder of the record relevant to the charges before said Committee, and in all cases where a report was made by the Committee will invite a member of the Committee designated by its chairman to attend the hearing before the Board and afford him an opportunity to make a statement.

Board Committee Version, May, 1965

If the Board concludes that the appointee should be dismissed or asked to resign, the effective date of such dismissal or resignation shall not be less than one year from the date of the Board's decision unless the Board, in its discretion, determines that an earlier effective date is justified by the gravity of the appointee's conduct in question. ***

(The Senate Committees suggested no phrasing on this provision. The Board Committee concurs in principle with the general point on this subject made in the Joint Report and purposes the above statutory statement.)

This report was presented for the Committee on General Policy by Mr. Williamson, serving as Acting Chairman of the Committee in the absence of Mr. Johnston.

On motion of Mr. Williamson, the recommendation of the Committee was approved, and the revisions of the Statutes as indicated in the report were adopted.

DEGREES CONFERRED IN JUNE, 1965

The Secretary presented for record the following lists of degrees conferred on candidates at the Medical Center on June 11, 1965, and to be conferred on candidates at Urbana-Champaign on June 19, 1965, and degrees conferred on the other dates indicated, in accordance with the authorization of the Board.

Summary		
Honorary Degrees, conferred at Urbana:		
Doctor of Engineering	1	
Doctor of Laws	2 1	
Doctor of Science Total, Honorary Degrees	$(\overset{1}{4})$	
	(4)	
Degrees in the Graduate College, conferred at Urbana:	150	
Doctor of Philosophy Doctor of Education	152 15	
Doctor of Musical Arts.	2	
	146	
Master of Science	430	
Master of Music	21	
Master of Education	114 49	
Master of Fine Arts	7	
Master of Laws	2	
Master of Architecture	9	
Master of Accounting Science	17	
Master of Business Administration Master of Commerce	24 1	
Master of Comparative Law	2	
Master of Extension Education	23	
Master of Television	1	
Advanced Certificate in Education	17	
Advanced Certificate in Music Education Certificate of Advanced Study in Librarianship	2	
Total, Graduate College		
	015)	
Degrees in Law, conferred at Urbana:	76	
Bachelor of Laws	70	
Degrees in Veterinary Medicine, conferred at Urbana:		
Bachelor of Science	45	
Doctor of Veterinary Medicine Total, Veterinary Medicine	34 (79)	
	(73)	
Baccalaureate Degrees, conferred at Urbana:	160	
Bachelor of Science, College of Agriculture Bachelor of Science, College of Engineering	169 358	
Bachelor of Arts, College of Liberal Arts and Sciences	622	
Bachelor of Science, College of Liberal Arts and Sciences	415	
Bachelor of Science, College of Education	208	
Bachelor of Science, College of Commerce and Business Administration	287 63	
Bachelor of Science, College of Journalism and Communications Bachelor of Architecture, College of Fine and Applied Arts	70	
Bachelor of Fine Arts, College of Fine and Applied Arts	92	
Bachelor of Music, College of Fine and Applied Arts	12	
Bachelor of Science, College of Fine and Applied Arts	44	
Bachelor of Arts, College of Physical Education	1 75	
Bachelor of Science, College of Physical Education	416)	
Total, Degrees Conferred at Urbana	590)	
Honorary Degrees, conferred at Chicago:		
Doctor of Science	1	
	(*)	
Degrees in the Graduate College, conferred at Chicago:	10	
Doctor of Philosophy	18	
Master of Science	48 4	
Total, Graduate College	(70)	

BOARD OF TRUSTEES

51 77
77
(128)
14
178
(192)
57
109
(557)
4 147

Degrees Conferred at Urbana

HONORARY DEGREES

Degree of Doctor of Science

LELAND JOHN HAWORTH, Ph.D., Eng.D., D.Sc.

Degree of Doctor of Laws

HERMAN CHARLES KRANNERT, B.S., LL.D. HAROLD DWIGHT LASSWELL, Ph.D.

Degree of Doctor of Engineering

JOSEPH TYKOCINSKI TYKOCINER, E.E.

THE GRADUATE COLLEGE

Degree of Doctor of Philosophy

In Accountancy

VAHE BALADOUNI, B.A., Baldwin-Wallace College, 1959; M.S., 1960 WAYNE ANTON JOHNSON, B.A., Concordia College, 1960; M.S., 1962

In Aeronautical and Astronautical Engineering HARRY BERNARD DYNER, B.S., M.S., 1960, 1962

In Agronomy

ROGER LEE COURSON, B.S., M.S., 1953, 1955 MARSHAL DEAN MCGLAMERY, B.S., M.S., Oklahoma State University, 1956, 1958

SANTIAGO NANAT TILO, B.S., University of the Philippines, 1950; M.S., University of Wisconsin, 1958

In Animal Science

BLAINE BLAIR BREIDENSTEIN, B.S., M.S., 1959, 1961 TILFORD ROBERT CLINE, B.S., M.S., 1960, 1962 JOSEPH CROW MADAMBA, B.S., University of the Philippines, 1954; M.S., Cornell University, 1960

DARREN MELVIN NELSON, B.Sc., University of Nebraska, 1954

In Biophysics

CARL NELSON CEDERSTRAND, B.S., George Washington University, 1953; M.S., 1955

In Botany

HAROLD EDWARD BALBACH, B.Ed., Chicago Teachers College, 1959; M.S., 1961 LEWIS RICHARD GRAY, B.S., University of Miami, 1959; M.S., University of Cincinnati, 1961

600

In Business

MAHMOUD SADIK SAID BAZARAA, B.Com., Cairo University, 1958; M.B.A., University of Michigan, 1962

LUCIAN PETER SPATARO, A.B., Northwestern State College of Louisiana, 1953; M.B.A., Louisiana State University, 1957

HARRY HARMON SUMMER, B.B.A., Memphis State University, 1958; M.S., 1961 LIVY TIMOTHY WILSON, B.S., Kentucky State College, 1951; M.S., 1954

In Ceramic Engineering

CHARLES BERNARD GREENBERG, B.S., Rutgers, The State University, 1961; M.S., 1962

In Chemical Engineering

KLANE F FORSGREN, B.S., Brigham Young University, 1961; M.S., 1963 EVELIO ADOLFO PEREZ-ALBUERNE, B. of Ch.Engr., Villanova University, 1961; M.S., 1963

ANDREW CHRISTIAN PETERSON, JR., B.S., Oregon State College, 1960; M.S., 1963 JON MIKIO YATABE, B.S., University of California (Berkeley), 1960; M.S., 1962

In Chemistry

RODNEY LEE BUCKSON, A.B., College of Wooster, 1957; M.S., 1961

CHARLES EUGENE COVERDALE, B.S., University of California (Berkeley), 1957 CLIFFORD HARRIS COX, B.A., Millikin University, 1960

HOWARD EUGENE DUNN, A.B., William Jewell College, 1960

FARLEY FISHER, B.S., Massachusetts Institute of Technology, 1960

FARLEY FISHER, B.S., Massachusetts Institute of Technology, 1900 JEREMY RICHARD FOX, B.S., University of Wisconsin, 1954; M.S., 1961 DAVID GUTMAN, B.S., University of California (Berkeley), 1960 JOHN THOMAS LOWE, B.S., Georgia Institute of Technology, 1962 PRESTON KUHN MARTIN, B.S., A.M., University of Texas, 1958, 1960 WALTER JAMES MUSLINER, B.S., University of Rochester, 1960 JAMES ALAN PLAMBECK, B.A., Carleton College, 1960; M.S., 1962 GERALD STRAHS, B.Ch.E., Cooper Union, 1960; M.S., 1962 MADHUGIRI P. VENKATAPPA, B.Sc. (Hons.), M.Sc., University of Mysore, 1950, 1952 1952

KENNETH WAYNE WHITTEN, A.B., Berry College, 1953; M.S., University of Mississippi, 1958

In Civil Engineering

JOSEPH PHILLIP COLAÇO, B.E., University of Bombay, 1960; M.S., 1962 ALBERT FRANCIS DORRIS, B.S., United States Military Academy, 1959; M.S., 1963 JOHN EDWARD HEER, JR., B.C.E., University of Louisville, 1943; M.S., 1947 JAMES WALSH MCNULTY, B.S., United States Military Academy, 1956; M.S., 1961 CLARENCE RAYMOND NOWACKI, B.S., 1949; M.S., University of Missouri (Rolla),

1958

JOHANN HANS RAINER, B.A.Sc., University of British Columbia, 1960; M.S., Stanford University, 1961

SATYA SAGAR SHARMA, B.S., Punjab Engineering College, 1956; M.S., 1959 RAYMOND R VADNAIS, JR., B.S., Kansas State College, 1953; M.S., 1958

In Communications

GEORGE KENT, B.E.E., Rensselaer Polytechnic Institute, 1960; M.S., Boston University, 1961

RICHARD ALLEN SCHWARZLOSE, B.S., A.M., 1959, 1960

In Dairy Science

STEVEN DOUGLAS AUST, B.S., M.S., Washington State University, 1960, 1962 PRISCILLA PRINCE SAUNDERS, B.S., M.S., Oregon State University, 1960, 1962

In Economics

VED RITA KAPOOR BRICKSIN, B.A., M.A., Panjab University, 1953, 1956; M.A., Stanford University, 1961

LUBOMYR MARIAN KOWAL, A.B., St. Francis College, 1955; M.B.A., University of Detroit, 1957

PAUL JOHN MAGELLI, A.B., M.S., 1959, 1960 JAMES FREDRICK NISS, B.S., A.M., 1955, 1963 RICHARD KENT VEDDER, A.B., Northwestern University, 1962; A.M., 1963

In Education

SABIT ZIYAETTIN BURSALIOGLU, Diploma, Gazi Teachers College (Turkey), 1948-A.M., 1958

HIROSHI İKEDA, B.A., M.A., University of Tokyo, 1956, 1958

WALTER PHILIP KROLIKOWSKI, B.Ed., Chicago Teachers College, 1943; A.M., Ph.L., St. Louis University, 1953, 1953

NATHIR GERGIS SARA, Licentiate, University of Baghdad, 1958; Ed.M., 1962 RONALD MYRON SHELTON, B.S., M.S., 1953, 1957

In Electrical Engineering

BLAKE EDWARD CHERRINGTON, B.A.Sc., M.A.Sc., University of Toronto, 1959, 1961 JAMES ANTHONY DAYTON, JR., B.S., Illinois Institute of Technology, 1959; M.S., State University of Iowa, 1960

ARNOLD WILLIAM DIPERT, B.S., M.S., 1958, 1960 JOHN WILLIAM GREISER, B.S., University of Wisconsin, 1959; M.S., 1962 HUBERT LEE GRUSH, B.S., M.S., 1959, 1961 OREN BYRL KESLER, B.S., M.S., 1961, 1962 DONALD EVAN KIRK, B.S., Worcester Polytechnic Institute, 1959; M.S., United

States Naval Postgraduate School (California), 1961 JOHN MALCOLM MACCALLUM, JR., B.S., Massachusetts Institute of Technology, 1948; M.S., United States Air Force Institute of Technology, 1955; M.S., 1960

ARCHIE CHARLES MCKELLAR, B.S., University of Alberta, 1958; M.S., 1963 THOMAS EDWIN MUELLER, B.S., M.S., 1957, 1958 KENJI ONAGA, B.Eng., Ehime University, 1957; M.Eng., Osaka University, 1959

ROBERT JOSEPH PFEIFER, B.S., M.S., 1962, 1963 STEVEN BROWNING SAMPLE, B.S., M.S., 1962, 1963 CHARLES MORGAN WOLFE, B.S., M.S., West Virginia University, 1961, 1962

In English

ROSARIO PAUL ARMATO, B.S., A.M., Columbia University, 1955, 1960 PAUL THOMPSON BRYANT, B.S., M.S., M.A., University of Oklahoma, 1950, 1952, 1956

ROBERTA SIMONE CHAMBERLAIN, B.S., Northern Illinois University, 1956; M.A., Bowling Green State University, 1958

DENNIS GEORGE DONOVAN, B.S., Illinois State University at Normal, 1959; A.M., 1961

RICHARD BOYD HAUCK, A.B., Western Michigan College, 1959; A.M., Ohio University, 1961

VICTOR MYERS HOAR, JR., A.B., 1956; M.A., University of Connecticut, 1958 PHYLLIS ANN PETTY RICE, B.A., Arkansas Polytechnic College, 1953; M.A., University of Arkansas, 1955

In Entomology

JAMES LOUIS KRYSAN, B.A., Iowa State Teachers College, 1961; M.S., 1964 JAMES LEROY MILLER, B.S., Oregon State College, 1950; M.S., 1962

In Food Science

JOHN JOSEPH IANDOLO, B.S., Loyola University, 1961; M.S., 1963
 NANCY MURIEL RISSER, A.B., Drake University, 1957
 JOHN ASA BAGINDA SIREGAR, B.S., University of Indonesia, 1956; M.S., Bandung Institute of Technology, 1959

In French

SYLVIA JANE NEUSTEIN, A.B., University of Miami, 1959; A.M., 1960

In Geology

LEE STEPHEN CLAYTON, B.S., M.S., University of North Dakota, 1960, 1962 STEFAN GARTNER, JR., B.A., University of Connecticut, 1960; M.S., 1962

WILLIAM JOSEPH LANG, B.S., 1956; M.S., University of Arizona, 1963 DAVID NORMAN LUMSDEN, B.A., M.A., University of Buffalo, 1958, 1960 LYLE DAVID MCGINNIS, B.Sc., St. Norbert College, 1954; M.S., St. Louis University, 1960

CHARLES FREDERICK METZGER, B.A., State University of New York at Buffalo, 1961; M.S., 1964

SIDNEY HOPKINS WHITAKER, A.B., Oberlin College, 1962

In German

JOHN WILLIAM BARTHEL, B.S., 1951

AUSRELE VENCLOVA GUCKEL, A.B., A.M., 1956, 1960

In History

ROSEMARY MASEK, A.B., Hastings College, 1953; A.M., University of Denver, 1959; A.M., 1961

ARNOLD ZUCKERMAN, A.B., A.M., DePaul University, 1950, 1953

In Horticulture

ALLAN KAY STONER, B.S.A., M.S., Purdue University, 1961, 1963 HAROLD FRANKLIN WILKINS, B.S., M.S., 1956, 1957

In Linguistics

SIAN-LIN YEN, B.A., National Taiwan University, 1956; A.M., 1961

In Mathematics

HARVEY SAMUEL DAVIS, B.S., Eastern Illinois University, 1959; M.S., University of Miami, 1961

JAMES ASHLEY DONALDSON, A.B., Lincoln University (Pennsylvania), 1961; M.S., 1963

Alfred Inselberg, B.S., M.S., 1958, 1959

WILLIAM ANDERSON LABACH, A.B., Transylvania College, 1959; A.M., 1963

BRIAN HENRY MAYOH, A.B., Diploma, University of Cambridge, 1958, 1960 BERT ALAN TAYLOR, B.A., University of Kansas, 1961; M.S., 1962

DOUGLAS HENLEY TAYLOR, B.S., University of Cincinnati, 1959; M.S., 1961

In Mechanical Engineering

DUEN-REN JENG, B.S., National Taiwan University, 1956; M.S., 1960 CARL SHIPLEY LARSON, B.S., M.S., 1956, 1958 KUN MIN, B.S., Lehigh University, 1956; M.S.E., University of Michigan, 1957 BOVORNSAK VATHAYANON, B.S., University of Texas, 1959; M.S., 1961 SWITLANA REDKO-REDTCHENKO WINNIKOW, Dipl.Ing., Technische Hochschule (Austria), 1947

In Metallurgical Engineering

SIDNEY DIAMOND, B.S., Massachusetts Institute of Technology, 1955; M.S., 1958 MARSHALL DUANE MEYER, B.S., M.S., 1959, 1961

RONALD LEE ODLE, B.S., Case Institute of Technology, 1958; M.S.E., University of Michigan, 1959

RICHARD LAWRENCE PATTERSON, B.A., Baldwin-Wallace College, 1959; B.S., Co-lumbia University, 1959; M.S., 1961

DAVID NATHANIEL SEIDMAN, B.Met.Engr., M.S., New York University, 1960, 1962 RICHARD WHITE SIEGEL, B.A., Williams College, 1958; M.S., 1960

In Microbiology

ALEXANDER URSZU BERTLAND II, A.B., Lafayette College, 1957; M.A., University of Delaware, 1960

WINSTON JONAS BRILL, A.B., Rutgers University, 1961

In Mining Engineering

NARAYAN MADHAV CHAUDHARI, B.E., B.E., University of Poona, 1959, 1960; M.S., 1962

In Musicology

DOROTHY VEINUS HAGAN, B.A., Hunter College, 1931; A.M., Cornell University 1933

WILLIAM KAY KEARNS, B.S., M.A., Ohio State University, 1952, 1954

In Philosophy

VELVA JEANNE OSBORN, B.S., Kansas State Teachers College (Emporia), 1939; A.M., University of Chicago, 1944; A.M., 1962 KENNETH RONALD PAHEL, B.A., Rollins College, 1957; A.M., 1958

In Physical Education

PHYLLIS MIEDEMA DAY, B.S., Ball State Teachers College, 1952; A.M., Teachers

College, Columbia University, 1956 LEROY HARRISON GETCHELL, JR., B.S., Springfield College (Massachusetts), 1955; A.M., Ball State Teachers College, 1960

ROBERT DIBRELL LIVERMAN, A.B., Whittier College, 1954; M.S., 1962

In Physics

JOHN IRVING CONNOLLY, B.S., Massachusetts Institute of Technology, 1958; M.S. 1959

JOHN ROBERT O'FALLON, B.S., St. John's University, 1959; M.S., 1961 Otis Granville Peterson, B.S., M.S., 1958, 1960

STEPHEN EUGENE SCHNATTERLY, B.S., M.S., University of Washington, 1960, 1961

In Physiology

LINDA BETH HABAS, B.A., Swarthmore College, 1960; M.S., 1962 CHARLES LEONARD MCINTOSH, A.B., Rockford College, 1960; M.S., 1962 EDMUND ARTHUR RICHARDS, B.S., Purdue University, 1957; M.S., 1959

In Psychology

PATRICIA GREIG BOWERS, A.B., Rosemont College, 1960; A.M., 1962

RONALD SCOTT KRUG, B.S., A.M., 1960, 1963 ROBERT BOOTH MCCALL, A.B., DePauw University, 1962; A.M., 1964

HERBERT HALSTEN STENSON, B.A., M.A., Wayne State University, 1956, 1963 CLINTON LAVERNE TRAFTON, B.S., M.S., University of New Mexico, 1959, 1962

CRAYTON CANN WALKER, A.B., Rice Institute, 1954; A.M., 1961

In Spanish

BENITO BRANCAFORTE, A.B., Brooklyn College, 1959; M.S., University of Colorado, 1961

In Speech

CARL EARL WILLIAMS, A.B., San Jose State College, 1957; M.A., Ohio State University, 1958

In Theoretical and Applied Mathematics

THOMAS GERALD CARLEY, B.S., M.S., LOUISIANA State University and Agricultural and Mechanical College, 1958, 1961
 JAMES MILTON CORUM, B.S., M.S., University of Tennessee, 1959, 1962
 CHARLES CECIL FRETWELL, B.S., M.S., State University of Iowa, 1959, 1960
 KARL KENT STEVENS, B.S., Kansas State University, 1961; M.S., 1963

In Zoology

DONALD LEE BATCH, B.S., Illinois College, 1960; M.S., 1962 WILLIAM FRANKLIN CHILDERS, B.S., M.S., 1953, 1956 ALWAN JASIM EL-WAILLY, B.S., University of Baghdad, 1954; A.M., University of Kansas, 1960

WILLIAM JOHN KEPPLER, JR., B.S., University of Miami, 1959; M.S., 1961

- JOHN EVANGELOS KONTOGIANNIS, B.S., M.S., Illinois State University at Normal, 1958, 1959
- JACK ALLEN WARD, B.S., Willamette University, 1957; M.S., University of Washington, 1960

Degree of Doctor of Education

In Education

DAVID WILBER BRISON, B.A., M.A., Alfred University, 1956, 1958
 JAMES CLIFFORD CHALFANT, B.S., M.S., 1954, 1958
 GEORGE ROBERT COX, B.S., M.S., Purdue University, 1936, 1941
 KEITH EUGENE FISCUS, B.S., M.S., Kansas State University of Agriculture and Applied Science, 1950, 1959
 PHILLIP EDWARD FOORD, B.A., Linfield College, 1931; M.A., University of Oregon, 1924

1934

IOSEPH LEO GEHRMAN, B.Ed., Chicago Teachers College, 1956; M.Ed., DePaul University, 1960

MARY KATHRYN MARTIN HUSER, B.S., Ed.M., 1954, 1958

LOWELL MERWIN JOHNSON, B.Ed., Illinois State University at Normal, 1939; A.M., Washington University, 1948

INABELL TRUEBLOOD KIRBY, A.B., Millikin University, 1941; A.M., 1949

MABELL TROBBLOOD RIRBY, A.B., MINIKIN UNIVERSITY, 1941; A.M., 1949
 WILLIAM HERRLINGER SCHREINER, A.B., University of Michigan, 1955; Ed.M., Xavier University, 1960
 GEORGE SHEPERD, A.B., A.M., Colorado State College, 1955, 1958
 DONALD WAYNE SMITLEY, A.B., Ed.M., 1954, 1959
 JOHN RICHARD TOMCZYK, B.S., Ed.M., 1956, 1961
 PETER PAUL ZANSITIS, JR., B.Ed., Ed.M., Chicago Teachers College, 1956, 1959;

M.S., 1957

In Music Education

ARTHUR MOTYCKA, B.F.A., Carnegie Institute of Technology, 1957; M.S., 1959

Degree of Doctor of Musical Arts

EDWIN RUSSELL FISSINGER, B.Mus., M.Mus., American Conservatory of Music, 1947, 1950

GARY LEE ZWICKY, B.M., M.M., University of Wisconsin, 1956, 1959

Degree of Master of Arts

In Anthropology

AUD GRETA LUNDBERG DAVIS

In Art Education

SANDRA HARLENE CHAMNESS, B.A., Southern Illinois University, 1960

In Chemistry

MILDRED CORINE MCDANIEL, B.S., University of Texas, 1963

In Classics

AUGUST SAMUEL VANDER WOUDE, A.B., Calvin College, 1962

In Comparative Literature

JACQUELINE JOSÉPHINE DELORD, Licence in Phil. & Letters, Université de l'Etat Liège, 1962

DENNIS MICHAEL OLIVER, A.B., University of Arizona, 1963 ANITA RUTH ROSENBLITHE, A.B., University of Akron, 1963

In Economics

JAMES CONNELL MCBREARTY, A.B., LaSalle College, 1963

In Education

MARTIN LEWIS BENDER, A.B., Eastern Mennonite College, 1957

RUTH JACOBSON GAMBERG, A.B., Brandeis University, 1956 PHILIP ARTHUR REIDFORD, A.B., Washington and Lee University, 1963

HENRY GEORGE TIMKO, B.S., Pennsylvania State College (Kutztown), 1962

In English

ELIZABETH ANN BALDRIDGE, A.B., DePauw University, 1963 ROBERT STEWART BREITZER, A.B., 1964

WILLIAM BARTLETT FRANCIS DELOACH, A.B., University of Michigan, 1961

DONALD HOWARD ERICKSEN, A.B., Valparaiso University, 1950; A.M., Northwest. ern University, 1956

THOMAS TRUMBULL HOWARD, A.B., Wheaton College, 1957

EMMA JANE JORDAN, A.B., Wartburg College, 1957 EMMA JANE JORDAN, A.B., Wartburg College, 1963 SHARON SMITH LEWIS, A.B., North Texas State University, 1960 HARRY LINCOLN MCGURK, A.B., Wabash College, 1963 RONALD FRANCIS MESSIER, A.B., Assumption College, 1963 ARTHUR EDWARD SALMON, A.B., Oklahoma City University, 1961 ELAINE MARIE DUNNIGAN TANKSLEY, A.B., Gonzaga University, 1963

MAUD KIMMELL WALKER, A.B., 1964

MARGARET MILLER WELCH, A.B., Duke University, 1959 REUBEN IVAN ZBARASCHUK, A.B., Walla Walla College, 1963

In French

NELSON LYNN DE JESUS, A.B., University of Wisconsin, 1962 GABOR EDMUND GLASCOW, A.B., Yankton College, 1962 GRETCHEN ANN NYBOER, A.B., University of Michigan, 1962 MARY MARGARET PLACSEK, A.B., St. Mary's College (Indiana), 1963 SANUT HAND BEAL UNIVERSITY of Michigan (1955)

SAMIR HABIB RIZK, B.B.A., University of Miami, 1955; A.B., Damascus University, 1962

BARBARA MARTIN SMALLEY, B.S., Indiana University, 1954 PAMELA MAY STACEY, A.B., University of Oregon, 1963 BARBARA HELEN THIBAUDEAU, A.B., University of Toronto, 1963 PATRICIA KATHLEEN TRIMMER, A.B., University of Michigan, 1963

In Geography

ARY JOHANNES LAMME III, A.B., Principia College, 1962

JOHN LUDVIG NIELSEN, B.S., United States Naval Academy, 1937

ROGER WILLIAM PEARSON, B.S., Illinois State University at Normal, 1963

In German

INGRID KASTNING WELCH, A.B., 1963

In History

DAVID LEROY COON, A.B., 1964

MARION Fox, A.B., Queens College, 1962

JOHN GERRIT GANTVOORT, A.B., Syracuse University, 1962 LARRY VANCE GIVIDEN, A.B., Franklin College (Indiana), 1963

DENNIS PETER HALAC, A.B., 1965

Dennis Felex Halac, A.B., 1963 HANNA MACHLUP HASTINGS, B.A., Swarthmore College, 1951 OWEN VANNESS HEIN, A.B., 1963 BARRY JAY HOFFMAN, A.B., 1964 THOMAS JAMES KELLY, A.B., John Carroll University, 1962 DALE LEONARD LOFF, A.B., Moorhead State College, 1963

EDWARD HERBERT MAZUR, A.B., 1964

DAVID BRUCE MILLER, A.B., 1962

GEORGE FREDERICK MUNDLE, A.B., Southern Methodist University, 1963

ROGER SCHLESINGER, A.B., Hofstra College, 1964 EDWIN ANDERSON SELF, A.B., University of South Carolina, 1964 GEORGE WILFRED SHADWICK, JR., A.B., 1960

BUCHANAN SHARP, A.B., University of California (Berkeley), 1964 MELVYN GEORGE WEISSMAN, A.B., 1962

In Labor and Industrial Relations

JOSEPH ANTHONY ALUTTO, B.B.A., Manhattan College, 1962 BEN-ZION DUKER, A.B., Western Reserve University, 1963 IRA STEPHEN EPSTEIN, A.B., Columbia College (New York), 1963 DONALD RICHARD FROELKE, JR., A.B., 1963 KEITH MARTIN POCKROSS, B.S., 1964

In Linguistics

MARIELLEN OWENS GILPIN, A.B., Earlham College, 1963

In Mathematics

- DEAN FREDERIC ANDERSON, B.S., 1953 LYLE LEROY BRADFORD, B.S., University of Michigan, 1961 PAUL WILSON BRANN, B.S., Pennsylvania State College (Mansfield), 1960

- PAUL WILSON BRANN, B.S., Pennsylvania State College (Mansheld), 1960 JAMES BEVERLY BROSS, A.B., Central Wesleyan College, 1959 GRACE MARIE BUETTNER, A.B., D'Youville College, 1961 PETER KENNETH CARLSTON, A.B., Princeton University, 1963 JOSEPH MICHAEL CHERNEY, A.B., B.Ed., University of Saskatchewan, 1949, 1955 DONALD DEAN ECKERT, B.S., Kansas State Teachers College, 1961 ROBERT ROY EDDY, B.S., Yale University, 1950 MARGARET JANICE FERNALD, A.B., Pembroke College in Brown University, 1963
- PATRICK JOHN FLEURY, A.B., Brown University, 1964

- PATRICK JOHN PLEUKI, ALB., Morth Park College, 1964 HOMER CLEMENS GERBER, B.S., Bluffton College, 1961 FREDERIC GOODING, JR., A.B., Harvard University, 1954 WILLIAM EUGENE GRUSZEWSKI, A.B., St. Joseph's College (Indiana), 1963
- DAVID CLAY HEATH, A.B., Kalamazoo College, 1964
- LOTUS DEAN HERSHBERGER, B.S., Goshen College, 1961 RONALD GERALD IRELAND, A.B., Indiana Central College, 1961 HAROLD RANDALL JOHNSON, B.S., College of Idaho, 1963

- PAUL GEORGE KRANTZ, A.B., A.M., Allegheny College, 1943, 1957 CLAIRE EMIL KRUKENBERG, A.B., B.S., University of Minnesota, 1961, 1961 CHARLES WILSON LAME, A.B., Swarthmore College, 1964 LAYMOND BODINE LOYD, B.S., Northeastern State College, 1961 BILLY EUGENE MILNER, B.S., College of Emporia, 1961; M.S., Kansas State Teachers College, 1963
- JOHN KINGHOLM MOORE, A.B., University of Southern California, 1962 LARRY JOHN MORLEY, B.S., A.M., Northeast Missouri State Teachers College, 1962, 1964
- GEORGE LORING DELVILLE PARISH, B.S., University of Natal, 1948
- ALLAN ROY PODBELSEK, B.S., M.S., Illinois State University at Normal, 1956, 1962 PAUL ELMER PONTIUS, B.B.A., University of Texas, 1956 VENICE ANN KOLODZIEJCZYK SCHEURICH, B.S., Texas College of Arts and Indus-
- tries, 1959
- FRANKLYN CHARLES WARREN SCHOENBECK, B.S., University of Wisconsin, 1952; A.M., Northern Michigan University, 1963
- WILLIAM DICKSON SEATON, A.B., University of British Columbia, 1950 WILLIAM NICHOL SLOAN, B.S., Ed.M., St. Lawrence University, 1956, 1959 JOHN IRVIN SMASHEY, B.S., Southwest Missouri State College, 1961

- FRANCIS WILLIAM SMITH, B.S., A.B., A.M., San Jose State College, 1949, 1958 GEORGE HENRY SMITH, B.S., Pennsylvania State College (Mansfield), 1958 JAMES KEVIN SMITH, B.S., Purdue University, 1961 RICHARD OWEN SPRUELL, B.S., Eastern Illinois University, 1961

- MILLIAM ROBERT SUDMAN, JR., A.B., Carleton College, 1962
 JAMES TUEDIO, B.S., California Institute of Technology, 1944; M.B.A., Stanford University, 1949
 ARNOLD HENRY VELDKAMP, A.B., Calvin College, 1958; Ed.M., Western Washing-ton State College, 1963
- ANN ELISABETH WHITE, A.B., University of Wisconsin, 1964
- BRUCE MERLE WILLIAMSON, A.B., St. Olaf College, 1956
- CHRISTOPHER ROBIN WOOLSEY, A.B., Oberlin College, 1962
- CHARLES NATHANIEL WRIGHT, B.S., University of Missouri, 1960
- JANICE ROSE ZEMANEK, B.S., University of Wisconsin, 1964

In Political Science

EDWARD STANLEY MALECKI, JR., A.B., LL.B., 1961, 1963

In Psychology

- LEON CHARLES DOROSZ, JR., A.B., Catholic University of America, 1959 JOHN RICHARD HACKMAN, A.B., MacMurray College, 1962
- KEITH DANIEL O'LEARY, A.B., Pennsylvania State University, 1962

GEORGE BRACKENRIDGE POTTER, B.S., 1955

RICHARD HENRY PRICE, A.B., Lawrence College, 1962 STEVEN HENRY SCHWARTZ, B.S., College of the City of New York, 1961 DONALD FREDRICK SOLTZ, A.B., University of Colorado, 1959 THOMAS LEE WHITMAN, B.S., St. Norbert College, 1962

In Public Administration

NATHANIEL JOHN BUCKLIN, JR., A.B., Drury College, 1949

In Russian

JUDITH ANDRADE HILL, A.B., 1962 BYRON TRENT LINDSEY, B.J., A.B., University of Texas, 1957, 1959 PATRICK JOSEPH WREATH, A.B., University of Oregon, 1963

In Social Sciences

CHARLES ROGERS, B.Ed., Chicago Teachers College, 1963

In Sociology

DUANE HENRY DENFELD, B.S., Portland State College, 1963 CEDRIC SEYMOUR MCCULLOCH, B.S., 1963

In Spanish

ERIK PAUL CONARD, B.S., Kansas State Teachers College, 1960 PHYLLIS BAXTER ERWIN, A.B., 1943 PANOS DEMETRES KARAVELLAS, A.B., University of Pittsburgh, 1960

STEVEN RAY SMITH, A.B., Oklahoma State University, 1963

In Speech

MARIE LAFY CLARK, A.B., Northeastern University, 1960

MARIE LAFY CLARK, A.B., Northeastern University, 1960
PAGE HOLLISTER DOWNE, A.B., Denison University, 1962
MARCIA ELLEN KLAIN, B.S., 1964
SALLY JEAN PETERSON, B.S., 1964
MARION OLINDO ROSSI, A.B., Idaho State College, 1963
MARY SUSAN STRINE, B.S., East Stroudsburg State College, 1963
YOSHIKO TSUTSUI, A.B., Aoyama Gakuin University, 1952; M.Lit., Waseda University, 1956; A.M., University of Utah, 1962
GERTRUDE ELIZABETH VINES, B.S., 1964
ELEANOR RUTH WAGNER, A.B., College of Wooster, 1963
JOHN MOODIE WILLIAMS, A.B., Grinnell College, 1963
PAUL COOVER ZIMMERMAN, B.MUS., DEPauw University, 1949

In the Teaching of Social Studies

CHARLES TIMOTHY CAREY, A.B., 1964 RICHARD ALAN HELLER, B.S., 1964

CHARLOTTE MYRTLE JOHNSON, A.B., University of Texas, 1963

JOE ALBERT KERSEY, B.S., Eastern Illinois University, 1952

HOWARD ROY SOLOMON, B.S., 1963 RAYMOND SKILLMAN VECHTE, JR., A.B., Montclair State College, 1962; Ed.M., Rutgers, The State University, 1964

Degree of Master of Science

In Accountancy

JOEL CHRISTOPHER DAVIS, B.S., University of Tulsa, 1961 MOHAMED SABRY MOHAMED EL-TAYIB HEAKAL, B.Com., Cairo University, 1960 WILLIAM JERRY SNOW, B.B.A., University of Cincinnati, 1962

In Aeronautical and Astronautical Engineering

ROBERT EUGENE CUSEY, B.S., 1964

In Agricultural Economics

JOHN HENRY BERRY, B.S., Purdue University, 1957 STEPHEN DEVON BIGGS, B.S., University of London, 1963 DAVID ROBERT COLMAN, B.S., University of London, 1963

PAUL ALFRED GROSSMAN, B.S.A., Purdue University, 1963 LEO JOSEPH GUEDRY, B.S., Louisiana State University, 1963 LAVERNE JAMES MCGINNIS, B.S., 1963 LOWERY ALLEN STAHL, B.S., 1962

In Agricultural Engineering

RICHARD GLENN CARLSON, B.S., 1963

In Agronomy

MICHAEL JOSEPH GARDINER, B.Agr.Sc., University College (Dublin), 1954 GARY JOHN GASCHO, B.S., Michigan State University of Agriculture and Applied Science, 1963

TAYLOR JIMMIE JOHNSTON, B.S., University of Tennessee, 1963

REID GRIFFITH PALMER, B.S.A., Ontario Agricultural College, 1963 BIR BAHADUR SINGH, B.S., Uttar Pradesh Agricultural University, 1963

CHHIDDA SINGH, B.S., Uttar Pradesh Agricultural University, 1963

In Animal Science

ROBERT LANCE HUMPHREYS, B.S., 1962

In Architectural Engineering

JACQUES RENARD BOLLIER, B.Arch., 1964 LIDA BUDKO, B.Arch., 1963 WILLIAM HORACE ERWIN, B.Arch., 1964 RYLAND WAYNE KOETS, B.Arch., 1964 JAMES MALCOLM PETERSON, B.Arch., 1963

FREDERICK STEWART ROLAND, B.Arch., 1962

TOM RICHARD RUPPERT, B.Arch., 1963

JERRY LOUIS SMANIA, B.Arch., 1964

JAMES EMANUAL STAIF, B.Arch., 1964

LAURENCE ELWOOD SVAB, B.Arch., 1964

WILLIAM RAY THOMPSON, B.Arch., 1963

CONSTANTINE GEORGE ZISSIMOPOULOS, B.Arch., 1963

In Astronomy

JOSEPH WILLIAM ERKES, B.S., St. Joseph's College (Pennsylvania), 1963 THOMAS EDWARD LUTZ, B.M.E., Manhattan College, 1962 GERALD LAURENCE ROSKI, B.S., 1963

In Biology

KENNETH RICHARD BOYD, B.S., Denison University, 1960 PETER EDWARD MEYER, A.B., Knox College, 1960 JOHN WILLIAM MOSER, B.S., Indiana State Teachers College, 1961 NICHOLAS WASILKOFF, B.S., 1964

In Biophysics

VINCENT NICHOLAS GALLUZZI, B.S., Rensselaer Polytechnic Institute, 1963 ANNE KRISTIN SCHOLLMEYER KREY, Diploma, University of Marburg, 1960

In Botany

RICHARD HAROLD FALK, B.S., 1964 RICHARD WESTON FONDA, A.B., Duke University, 1962 SUSAN JEAN GABAY, A.B., Hunter College, 1962 KAREN LOUISE JOHNSON, A.B., Swarthmore College, 1963 MORTON KAPLAN, B.S., 1961 MICHAEL DEAN MORGAN, A.B., Butler University, 1963 DAVID JOSEPH SIEREN, A.B., Northland College, 1963 ARLINE ELIZABETH TURNER, A.B., M.A.T., Duke University, 1962, 1963

In Ceramic Engineering

CHARLES JOSEPH COCAGNE, B.S., 1964 DONALD JAMES LIEDBERG, B.S., 1964

FRED ERIC RICHTER, B.S., 1964 CLIFFORD GERALD RUDERER, B.S., 1963

DONALD FREDERICK WEIRAUCH, B.S., University of Utah, 1961

DONALD EDWIN WILLETTS, B.S., 1964

In Chemical Engineering

ALLAN RICHARD CHAMPION, B.S., University of California (Berkeley), 1963 IRA JAY KRAKOWER, B.Ch.E., New York University, 1961 JOSEPH WILLIAM PALEN, B.S., University of Missouri, 1957 MAURICE GEORGE SELL, JR., B.S., Pennsylvania State University, 1963 Dearway Willow W. S. University of Oldebrase, 1963

ROBERT WALTON VAUGHAN, B.S., University of Oklahoma, 1963

In Chemistry

In Chemistry JOHN FREDERICK ALTENBURG, B.S., North Dakota Agricultural College, 1960 MARY LILLIAN ATTERMEYER, B.S., College of St. Francis, 1962 DANIEL WILSON BACON, A.B., DePauw University, 1963 WILLIAM RONALD CARES, B.S., Case Institute of Technology, 1963 JOSEPH HARRIS CARNEY, A.B., Vanderbilt University, 1963 WILLIAM RALPH COSTELLO, B.S., Westminster College (Pennsylvania), 1963 JAMES ALLAN COX, B.Chem., University of Minnesota, 1963 RICHARD JOHN D'AMATO, A.B., American International College, 1962 CLARA LEE GALL, B.S., Rosary Hill College, 1964 BENETTE GETZ, B.S., University of Michigan, 1964 KUAN TEE LIM GO, B.S.E., M.S., University of the East, 1953, 1962 MICHAEL DAVID GORDON, B.S., University of Michigan, 1964 IEVA OGRINS HARTWELL, B.Chem., University of Minnesota, 1963 DONALD STANFORD HETZEL, A.B., Ohio Wesleyan University, 1963 ALLEN GENE HIEBERT, A.B., Tabor College, 1963 KICHARD JAMES JOHLE, B.S., University of Texas, 1963 MARLENE ANN KRESGE, B.S., Bucknell University, 1963 CHARLES MARTIN LEIR, B.S., State University of Iowa, 1963 MEI-KUO LO, B.S., National Taiwan University, 1959 BRIAN WESLEY MOORES, B.S., Bates College, 1963 JOHN FRANKLIN NIBLACK, B.S., Oklahoma State University of Agriculture and Applied Science, 1960 Applied Science, 1960

ANTHONY VICTOR NOWAK, B.S., Loyola University (Illinois), 1960; M.S., Northern Illinois University, 1963

ANNE DELIA O'DONNELL, A.B., St. Mary-of-the-Woods College, 1963 KEUN SUCK PARK, B.S., M.S., Seoul National University, 1948, 1953 RODERIC PAUL QUIRK, B.S., Rensselaer Polytechnic Institute, 1963

ROBERT FAUL QUIRK, B.S., KENSERAEF FOLYEERINE INSTITUTE, 1903
THOMAS GARRISON SANDERS, A.B., Williams College, 1963
ROSALINA SUSSMANN, A.B., Wellesley College, 1963
ARTHUR MILFORD VANARENDONK, A.B., DePauw University, 1963
ROBERT LAWRENCE VOLD, B.S., University of California (Berkeley), 1963
MARINA YAO, B.S., Columbia University, 1963
MARCETTA BERNICE YORK, A.B., Union College, 1963
PETER JUN, ZANJUGCH, B.S. J. MOUTO College, 1963

PETER JOHN ZANZUCCHI, B.S., Le Moyne College, 1963

In Civil Engineering

VUKOSLAV ENEAS AGUIRRE, B.S., United States Military Academy, 1964 GEORGE AZRA AL-BAZI, B.Sc., University of Baghdad, 1959

MARIO ASIN, B.S., 1963

LEROY EDWIN BAKER, B.S., University of Nebraska, 1964

EDWIN CHARLES BEETHOVEN, B.S., Pennsylvania State University, 1952 KIRAN UPENDRA BHATT, B.Tech., Indian Institute of Technology (Bombay), 1964 JOHN PHILIP BLAKELEY, B.Eng., M.Eng., University of Canterbury, 1963, 1964 ALEX CARDENAS ENRIQUEZ, Civil Engr., National University of Engineering (Peru), 1963

MARTIN PETER CARLASSARE, B.S., 1963

RICARDO ENRIQUE CESPED-DOERING, B.S., United States Military Academy, 1962

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 JOHN LEE DETTBARN, B.S., United States Naval Academy, 1959; B.C.E., Rensselaer Polytechnic Institute, 1961
 SAMUEL SMITH DOAK, B.S., 1957
 MICHAEL WARREN CHASE EMERSON, B.S., Purdue University, 1963
 WILLIAM CARL ETTER, B.S., 1964
 JAMES MAXWELL FISHER, B.S., University of Wisconsin, 1962
 Inax José EREP, Diplome d'Ing Civil, Ecole, Nationale des Ponte et Chauseles

- IEAN JOSÉ FRIED, Diplome d'Ing.Civil, École Nationale des Ponts et Chaussées, 1964

- 1964 SALAH YOUSIF KHAYYAT, B.S., University of Baghdad, 1959 PETER MARTIN KRAMER, Diploma-Engineer, Technical University of Munich, 1961 CHIH-CHENG KU, B.S., M.S., Taiwan Provincial Cheng Kung University, 1958, 1963 THOMAS LEROY KUECK, B.S., 1964 JOHN PHILLIP LLOYD, B.S., 1964 MAURICIO NANES, C.Engr., Universidad Nacional Autonoma de Mexico, 1963 SVEND OIVIND OLESEN, Diploma, Danmarks Ingeniorakademi, 1961 RONALD LEIGH PETERSON, B.S., 1962 CHARLES PETRAUSKAS, B.S., 1963 FREDERICK BOYD PLUMMER, JR., B.S., United States Military Academy, 1960 DANIEL LEE RICH, B.S., 1964 JOHN VELAMIR SARICH, B.S., 1961 FREDERICK WILLIAM SCHAEJBE, B.S., Tufts University, 1964

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- selaer Polytechnic Institute, 1962 THOMAS EVANGELISTA VALENTE, JR., B.S., United States Military Academy, 1960 RICHARD ALLEN WISEMAN, B.S., 1964 SUTHAM YUTABOOTR, B.Eng., Chulalongkorn University, 1963

In Commercial Teaching

LINDA MAY HARNETIAUX GRISSOM, B.S., Greenville College, 1960 WANDA SUE WILLIAMS, B.S., Western Kentucky State College, 1964

In Economics

DAVID STANLEY CLEAVER, A.B., Oberlin College, 1963 DOUGLAS EDWARD CRINER, B.S., 1964 PAULETTE JOAN KAMINSKI GRAZIANO, B.S., 1963 GARY EDWARD MEDE, B.S., University of Denver, 1959 JEFFREY SCHUBERT, B.S., 1963 MICHAEL SAMUEL SIDEMAN, B.S., Northwestern University, 1963

In Education

Orpha Kay Duell, B.S., Kansas State University, 1963 Patricia Jeanne Hecht, B.Ed., Waynesburg College, 1962 Richard Ray Van der Linden, B.S., 1962

In Electrical Engineering

- ANDREW JOSEPH AFFRUNTI, B.S., 1964 REGINALD EUGENE BEAN, B.S., 1961 KENNETH JAMES BREEDING, B.S., 1963 THOMAS WALTER BRIGHAM, B.S., Stanford University, 1963 GRANT PHILLIP BROOKS, B.S., Pennsylvania State University, 1964 AMOS JUNIOR CHENOWETH, B.S., 1964 STANLEY JOEL FRIEDMAN, B.S., University of Pennsylvania, 1964 JOHN WILLIAM GRITTON, B.S., 1951 JAMES ALFRED HANAPEL, B.S.E.E., Purdue University, 1964 RICHARD EMIL HASSELBRING, B.S., 1964

- RICHARD EMIL HASSELBRING, B.S., 1964 RICHARD FRANK HEIMANN, B.S., St. Louis University, 1959 CLARENCE MOODY HOLT, JR., B.Eng., Vanderbilt University, 1964

[June 16

JOSEPH JOHN KALINOWSKI, B.S., Rutgers, The State University, 1964 JAMES MATTHEWS KASSON, B.S., Stanford University, 1964 PAUL RICHARD KRANZ, B.S., Michigan College of Mining and Technology, 1963 SAMUEL CHUNC-SHU KUO, B.S., 1963

WERNER YEE LAIN, B.S., 1964 ROBERT JOSEPH LANAHAN, B.S. (Physics), Manhattan College, 1958; B.S. (E.E.), 1964

FRANK ROGER LENKSZUS, B.S., 1964 ROBERT EUGENE MERTENS, B.S., New York State College (Plattsburgh), 1952

ADOLPH VINCENT MRSTIK, JR., B.S., 1964

ADOLPH VINCENT MRSTIK, JR., B.S., 1964 PHILIP ALAN NELSON, B.S., 1960 Roy KEN OISHI, B.Eng., Vanderbilt University, 1964 Avelino Qui Ong, B.S., University of the Philippines, 1963 ALVIN LOUIS PAVIK, B.S., 1964 ALEXANDER GEORGE PLATANITIS, B.S., 1964 PRESTON LEE RANSOM, B.S., 1964 JOSEF WILHELM ROKUS, B.S., 1964 THOMAS ALOIS ROZMARICH, B.S., University of Pittsburgh, 1963 SHARADCHANDRA TRIMBAK SATHE, B.E., University of Jabalpur, 1959 KURT FRITZ SCHENK RAMIREZ, B.S., 1964 CURTIS JOHN SCHUBERT, B.S., 1964

CURTIS JOHN SCHUBERT, B.S., 1964

CURTIS JOHN SCHUBERT, B.S., 1964 MILTON SHERMAN, A.B., B.S., Columbia University, 1962, 1963 JAMES E. SINCLAIR, B.S., Ohio University, 1962 JOHN ROBERT THURSTON, B.S., 1964 ROBERT JOHN TRACEY, B.S.E.E., Illinois Institute of Technology, 1963 IRWIN EVAN TUCKMAN, B.S., 1963 GEORGE EDWARD VEATCH, JR., B.S., 1964 MANIEL BARRY VINEBERG, B.S., University of California (Los Angeles), 1964 ROCEP. RAWHY VAMINY, B.S. 1063

ROGER RAWHY YAMINY, B.S., 1963

RAYMOND JOHN YAREMA, B.S., 1964

In Entomology

CATHERINE TANG HSIAO, B.S., Taiwan Provincial College of Agriculture, 1958

In Finance

STEPHEN JAY DORFMAN, B.S., State University of New York (Buffalo), 1964 TIMOTHY BRIAN MAHONEY, A.B., Ripon College, 1963

In Forestry

JAMES DOUGLAS HARPER, B.S., 1964 JAMES ALOYSIUS KLUS, B.S., 1964

In Geography

JAMES HOWARD JONES, B.S., United States Military Academy, 1958 THOMAS FRANCIS PLUMMER, JR., B.S., United States Military Academy, 1959 LARRY WAYNE PRICE, B.S., Eastern Illinois University, 1963

In Geology

PAUL RICE BOYER, B.S., Allegheny College, 1963 GERALD RAY BURNS, B.S., Lamar State College of Technology, 1963 PAUL EDWARD CASSITY, A.B., Berea College, 1963 RONALD EUGENE HEUER, B.S., 1963 JOHN DAVID KIEFER, B.A., St. Joseph's College, 1961 IAN BRICE MCQUISTON, B.S., Queen's University of Belfast, 1963 ANDREW HUTCHEON MERRITT, A.B., Earlham College, 1962 ROBERT LOUIS REINKING, B.S., Colorado College, 1963 GERALD LEE SHIDELER, B.S., Michigan State University, 1963 LEEBERT HAMILL SOMERS, B.S., 1962

LEEBERT HAMILL SOMERS, B.S., 1962

In Home Economics

JOANNE KREEC BRYNJOLFSSON, B.S., 1961 VERA WESTON JESSEE, B.S., Radford College, 1963

JOANNE FRY RAUSER, B.S., University of Toronto, 1961 IRMA JUNE SUNDERLAND SIMMONS, B.S., Oklahoma College for Women, 1945 BONNIE ANN SCOTT SPYRISON, B.S., 1962 SYLVIA HOON LUNG YUEN, B.S., University of Hawaii, 1964

In Home Economics Education

BETTY ORCUTT GAVER, B.S., Pennsylvania State University, 1961

In Journalism

GEORG JOACHIM-FRIEDRICH BLOME, B.S., 1963

JANET ELLEN LITTLE, B.S., 1961 WENDY MCDONALD PATTON, A.B., University of Alberta, 1958

In Library Science

HARRIET KATHLEEN BARLOW, B.S., Wisconsin State College (Oshkosh), 1944; B.L.S., University of Wisconsin, 1947

NOLAN RICHARD BREMER, A.B., Concordia Senior College, 1960; B.D., Concordia Theological Seminary at St. Louis, 1964

Theological Seminary at St. Louis, 1904 DONALD ROBERT BRIGGS, A.B., Drake University, 1961 HELEN JEAN CANTER, A.B., University of Missouri, 1964 JEANNE DALE COLLINS, A.B., New Mexico Highlands University, 1963 DOROTHY LEE EBNER, A.B., University of Oregon, 1964 MARY JOANN ELSE, A.B., State College of Iowa, 1960

MADGE MACFARLAND FAORO, B.S., Wisconsin State College (Milwaukee), 1938 JOHNETTE JONES GARY, B.S., Grambling College, 1961

ANN LYN GROVES, A.B., Indiana State College, 1964

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ELIZABETH ANNE NELSON, A.B., 1902 ELIZABETH ANNE NELSON, A.B., Purdue University, 1960 PATRICIA ANNE ORROK, A.B., Louisiana College, 1964 LYNN ETTA PADGITT, B.S., 1964 BETH PIERPONT, A.B., Northwestern University, 1964 JONG OH RA, A.B., M.S., Indiana State College, 1962, 1963 RICHARD ROMIG RASCHE, A.B., Arizona State University, 1964 LEE STARR SALEMAN, A.B., 1962 MARY FLEANOR SALEP, A.B. Washington University, 1061

MARY ELEANOR SAUER, A.B., Washington University, 1961 ANN MAGINNIS SEIDMAN, B.S., Oklahoma State University, 1946 MIRIAM BRUNK SPICHER, B.S., Central Missouri State College, 1935 MARIANNE WILLIAMS STOWERS, A.B., Illinois College, 1964 NELL BRITT TABOR, A.B., Agnes Scott College, 1963 FLORA ZOE VAN DYKE, B.S., Westminster College, 1949 PATRICIA VAN WEZEL, A.B., Northwestern University, 1964 ELLEN CHARTRAND WASBY, B.S., University of Oregon, 1963 TERRY LAVERNE WEECH, A.B., KNOX College, 1959

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JOANNE GLANDER LOOPER WELLS, B.Mus., University of Oklahoma, 1951 ROBERT DEAN WILLITS, A.B., State University of Iowa, 1962 MARY LOUISE MCCALL WOLFLEY, A.B., 1962

In Management

GABER ABOU EL ENEIN, B.Com., Cairo University, 1961 CLARKE EUGENE TELLISON, A.B., Aurora College, 1962

In Marketing

LARRY LEE AUSTERMILLER, B.S., 1963

RODNEY THOMAS MITCHELL, A.B., Denison University, 1959

BERTIL CARL NYMAN, B.S., Northwestern University, 1962

In Mathematics

- WILLIAM JEAN BARLOW, B.S., University of Missouri, School of Mines and Metallurgy, 1957 CLAUDIO COHEN, B.S., Roosevelt University, 1963 RICHARD FAIRBANKS DETAR, A.B., University of California (Davis), 1960

- KENNETH BARRY FINE, B.S., 1963 DAVID GORDON FOX, A.B., University of New Hampshire, 1958 PEARL LYDINE STRAWN HANNULA, B.S., 1963 ANDREA KATHLEEN JARMAN, B.S., University College of Wales, 1964 HERBERT STACEY KAPLAN, B.S., 1964 JOSEPH GREGORY KEMPF, B.S., Loyola University, 1964 MARVIN S. LEVIN, B.S., 1963 WAITED CLAPENCE LYNCE B.S. 1063

- WALTER CLARENCE LYNGE, B.S., 1963 HOWARD MARSTON, A.B., Wesleyan University, 1950; A.M., Columbia University, 1953
- DEAN PAUL MCCULLOUGH, B.S., Montana State College, 1964
- JEAN FAUL MCCULLOUGH, B.S., Montana State College, 1964 John PAUL McMichael, B.S., 1964 WILLIAM PAUL MECH, A.B., Washington State University, 1964 ROBERT ANTHONY MEROLA, B.S., Brooklyn College, 1964 BARRY TAD MILLER, B.S., Northern Illinois University, 1963 ALFRED BING MOY, B.S., 1963 MICHAEL NOEL PAYNE, B.S., 1964 CHARLES EMERIC, IN P.S. Indiana State College, 1064

- CHARLES EMERY ROBERTS, JR., B.S., Indiana State College, 1964 DARELEEN EFLER SCHAFFER, B.S., Allegheny College, 1962 FRANK SCHAFFER, B.A.Sc., University of Toronto, 1958; M.S., University of Waterloo, 1960

- Waterioo, 1900 WAYNE KENNETH SHOCKLEY, B.S., 1964 JOSEPH ARNETT SMITH, B.S., Illinois Institute of Technology, 1957 TERENCE LEE SMITH, A.B., Knox College, 1963 ARTHUR ROBERT SOLOMON, B.S., University of Michigan, 1963 ALEERT JONAS STEINER, A.B., Goshen College, 1957
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In Mechanical Engineering

KENNETH DON CAUGHRON, B.S., University of Tennessee, 1949

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- CARL ANDREW MANSPERGER, JR., B.S., Washington State University, 1955

RAMESH MEHRA, B.Eng., University of Roorkee, 1964 SHIN HYUK PARK, B.S., 1963

- ASHOKKUMAR MANEKLAL PATEL, B.S., 1964 JOHN LEONARD SCHLAFER, B.S. (Agriculture), B.S. (Agricultural Engineering), 1963, 1963
- THEODORE FRANKLIN SMITH, B.S., 1963

WILLIAM FLOYD TERRY, JR., B.S., 1959 KLAUS JUERGEN WEINMANN, B.S., 1962 MARK EDWARD WESTERLAND, B.S., 1963

In Metallurgical Engineering

DHRUBAJYOTI CHAKRABARTI, B.E., University of Calcutta, 1962 CHARLES CURTIS DOLLINS, B.S., 1964 JERRY LEE SCHUSTER, B.S., 1963

In Microbiology

MICHAEL GEORGE FEISS, B.S., University of Utah, 1963 RITA ANN MUETH, B.S., St. Louis University, 1963

In Music Education

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MARY ELIZABETH BROOKS, B.S., Lamar State College of Technology, 1963 ANN LORENE CERVERA, B.S., 1964

GRANT WITTWER DOUGHERTY, B.S., 1964 ROSALIE FAYE EASDALE, A.B., Monmouth College, 1961 FREDERICK DEAN FAIRCHILD, B.S., 1963 PEGGIE GOODMAN GREULING, B.Mus.Ed., Northwestern University, 1946

LOUIS ANGELO MARGAGLIONE, B.S., Ithaca College, 1963

GEORGE DAVID PETERS, B.Mus.Ed., Evansville College, 1964

BONNIE LOU POTTHOFF, B.Mus.Ed., Illinois Wesleyan University, 1963

EDITH MARIE SUSSENBACH, B.Mus.Ed., Greenville College, 1962 EDWARD PETER SWEDA, B.S., 1960 GEORGE JOHN TEUFEL, B.S., Ithaca College, 1963 WILLIAM JAMES THOMPSON, B.Mus, Southern Illinois University, 1963

JOHN AUSTIN VAN HOOK, JR., B.Mus., MacMurray College, 1964 ROBERT WINFRED WALL, A.B., Newberry College, 1964 SANDRA JO YOUNG, B.S., 1961

In Nuclear Engineering

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DOGAN KAYA, B.S., 1964

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In Physical Education

MAJELLA BUEROM YANSON CALUD, B.S., University of the East, 1958 DONALD BENJAMIN CORBETT, B.S., Lincoln University, 1964 SAMUEL CALVIN DAVIS, A.B., Shaw University, 1950 TERRENCE JOHN GELLINGER, B.S., 1961 ARTHUR RAYMOND MICHAELY, B.S., 1963 PURITY DEPORTURY NUR, A.B. McKenderge College 1962

PHYLLIS DOROTHY NIES, A.B., McKendree College, 1962

JAMES LEMUEL PLANKENHORN, B.S., 1964 DOROTHY CURTIS TRAFTON, B.S., University of New Mexico, 1962

In Physics

WAYNE RAYMOND ANDERSON, B.S., 1964 VUTTHI BHANTHUMNAVIN, A.B., University of California (Berkeley), 1964 STEVEN BERNARD BOLTE, A.B., Villa Madonna College, 1964 JERRE EUGENE BRADT, B.S., University of Nebraska, 1963 CHARLES ALBERT BRIDGES III, B.S., Massachusetts Institute of Technology, 1963 WILLIAM ROBERT FEHLNER, B.S., College of the Holy Cross, 1964 DAVID BENTLEY FENNEMAN, A.B. University of California (Berkeley), 1950

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CHARLES EDWARD GINGRICH, A.B., University of Pennsylvania, 1956 Roger WAYNE GIVENS, B.S., University of Rochester, 1964 WILLIAM RALPH HUNTER, B.S.E., Princeton University, 1964 DAVID MICHAEL JASNOW, A.B., Cornell University, 1964

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In Recreation

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In the Teaching of Biological Sciences and General Science

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JOHN DOUGLAS BUFFINGTON, B.S., St. Peter's College, 1963 RICHARD DAVID KREUTZER, B.S., 1963 BETTY CLAIRE LEMEX, A.B., Trinity University (Texas), 1963 JOHN DOUGLAS LYNCH, A.B., 1964 CONNIE BETH SPEAKER, B.S., Mount Union College, 1963 ROBERT MILTON SWEENEY, B.S., St. Joseph's College (Indiana), 1963 DAVID ANTHONY WRIGHT, B.S., University of Maryland, 1963

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[June 16

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 RICHARD DEAN THARP, B.S., 11000
 State University at Normal, 1957
 JANE ANN THOMPSON, B.S., 1964
 ALEFER ALLEY TUNETAND, B.S., 1050

- ALBERT ALLEN TUNTLAND, B.S., 1959
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- JOAN FRENCH TYLER, A.B., Utica College of Syracuse University, 1963 Georgia Johanna Velon, A.B., Augustana College, 1963

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Degree of Master of Social Work

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1965]

[June 16

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628

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631

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640

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- eral Arts and Sciences

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 - PHILIP CLINTON MCHENRY, Honors in
 - Liberal Arts and Sciences
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SUE MARJORIE MATLOCK, Honors in Liberal Arts and Sciences with Highest Distinction in the Curriculum

COLLEGE OF LAW

Degree of Bachelor of Laws

- ROBERT ISHAM AULER, A.B., 1962
- GLENN RUSSELL BAIRD, A.B., 1963
- KENNETH EUGENE BAUGHMAN, B.S.,
- Iowa State University, 1962
- BRUCE ROBERT BECKER, A.B., Rockford College, 1963
- THOMAS JOHN BENDA, A.B., 1963
- FRANK WILLIAM BLUE
- WILLARD BRAND BOBOSKY, A.B., St. Procopius College, 1961; B.S., Uni-versity of Notre Dame, 1962
- ROBERT BROVERMAN, A.B., Illinois College, 1962
- JAMES ROBERT BURGESS, JR., A.B., Uni-versity of Maryland, 1961
- DONALD EARL CASTLES, B.S., Eastern Illinois University, 1961
- DALE ARTHUR CINI, A.B., 1963; Honors
- KENNETH MALACHY CLARK, A.B., De-Paul University, 1961
- RONALD FRANKLIN COPLAN, A.B., 1959
- LARRY P. CRAMER
- JOHN HASKETT DAVIES, B.S., 1963
- ROBERT LEE DOUGLAS, B.S., Eastern Illinois University, 1962
- THOMAS LAWRENCE EOVALDI, B.S., 1962; Honors

- DENNIS MERRITT FAUST, A.B., Monmouth College, 1962
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- SIDNEY FRISCH, JR., B.S., 1962
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- thage College, 1962 LEONARD JERROLD KORMAN, A.B., Miami University, 1962
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[June 16

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- JOSEPH ROBERT YURGINE, B.S., Northern Illinois University, 1962 MARTIN B. ZELLS, B.S., Southern Illi-
- nois University, 1962

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Degree of Bachelor of Science

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1965]

[June 16

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The Degree of Bachelor of Science

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644

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646

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land), 1950, 1953, 1953 JEHOOM YANG, M.D., Chonnam University Medical School (Korea), 1958

Degree of Master of Science in Nursing

IRENE MAE BARRETT, A.B., Taylor University, 1962 HELEN KENNEDY GRACE, B.S.N., Loyola University, 1963 HANNAH MARIA PLAUT, B.R.E., Bethel College, 1953; B.S.N.Ed., University of Minnesota, 1956

ANN JEAN SEDAY, B.S.N., Loyola University, 1961

COLLEGE OF DENTISTRY

Degree of Bachelor of Science in Dentistry

Conferred June 11, 1964

1960

- BRUCE WELLS ALLEN
- ROGER MICHAEL BONUS
- ALEXEY BOTIAN
- RICHARD WAYNE BRANCA, B.S., 1962
- RALPH DONALD CARLSON, A.B., Wabash
- College, 1961 WILLIAM WATKINS DAVIS
- VERNON DELMER DESELMS II
- JOHN STEPHEN DORAN
- GARY EDMUND ECKBERG
- JOEL DAVID FRANDZEL
- LEON JACOB GAHWILER
- STEPHEN LESTER GOLD, B.S., 1962
- E. BRADY HANCOCK
- REGINALD LEOPOLD HOLNESS, A.B., Pacific Union College, 1953; B.S. M.S., University of Colorado, 1958 RICHARD HERSCHEL HORWITZ, A.B.,
- 1960 LARRY DEAN IRELAND
- STEPHEN PEARY KAHN
- DAVID ARNOLD KAISER, A.B., North-western University, 1962

- BARRY MICHAEL KARLOV FRANK LOUIS KONOPASEK, A.B., KNOX College, 1962 Harvey Alan Leboe
- THOMPSON GEORGE LEE-SAM
- DONALD ARTHUR MABEUS
- GERHARD MALCHAREK, B.S., Western Illinois University, 1960

BRUCE RICHARD METCALF DOUGLAS ODELL NICHOLS, A.B., Millikin University, 1962 FRANCIS RAYMOND PROCK, JR., B.S., University of Notre Dame, 1959; M.S., 1962 RONALD LEE REICHL, B.S., Northern Illinois University, 1958 MICHAEL CHARLES RODBRO, A.B., Miami

ALBERT OLIVER MCCLOUD, JR., B.S.,

EDWARD PATRICK MCGONIGLE

Beloit College, 1962

RICHARD HAROLD MENTZER, A.B.,

- University, 1962
- WILLIAM JOHN ROSCETTI
- CHRIS HARRY SARLAS
- PHILIP WITHERELL SHOEMAKER, A.B., University of Kansas, 1958
- EDWARD IRWIN SLABY
- JOSEPH ANDREW SMITH, JR.
- WILLIAM ANTHONY STRUCK, B.Mus., DePaul University, 1958 DAVID LEE TAGGE

- WILBUR EUGENE VAN HORN Richard Barry Waghalter, B.S., St. Louis College of Pharmacy, 1962
- BIK-KEE WAI
- HARVEY IRA WOLF
- RICHARD HIDEO YAMADA

DAVID MITCHELL LYNN

Conferred September 12, 1964

RONALD CLARE BEST

- ALAN PAUL BICKENBACH, A.B., State University of Iowa, 1956

ROBERT EDGAR SCHUBERT, D.D.S., 1962 JEROME MICHAEL STROFS, D.D.S., 1964

RONALD MAURICE DENTINO

Conferred December 18, 1964

JERRY KARL BIEHL

Degree of Doctor of Dental Surgery

Conferred September 12, 1964

JOSEPH ANDREW SMITH, JR., B.S., 1964

- MICHAEL HARRISON GROUSD EMORY RUSSELL NELSON, B.S., 1962 KENNETH PAUL ROTTMAN, B.S., Tulane University, 1958; B.S., 1962

Conferred June 11, 1965

- JOHN MARCELLUS BEATTY, A.B., Southern Illinois University, 1961; B.S., 1963
- JAMES REID BENSON
- JORDON CHARLES BLOCK, B.S., 1963
- RICHARD JOHN CAHILL PATRICK JAMES CANADAY, B.S., 1963
- ANTON JOHN CAROLLO, B.S., 1960 STEVEN PAUL COLLINS, B.S., 1963 JOHN THOMAS CORSTEN, B.S., 1963 DAVID DOMINIC DALISE ROBERT STEPHEN DENSFORD, A.B., De-Pauw University, 1961; B.S., 1963 RONALD MAURICE DENTINO, B.S., 1964

- DALE RICHARD EISENMANN, with Honors: B.S., 1963
- MICHAEL VINCENT FARR, B.S. , 1963
- HOWARD IVAN FEIG, B.S., 1963
- MICHAEL EDWIN FESLER, B.S., 1963
- LEWIS ERSKINE FRAZIER, A.B., B.S., 1959, 1962
- MICHAEL JOEL GEBHART, B.S., 1963 MICHAEL DAVID HAYWARD, B.S., 1963
- WALTER DONALD HEINLEIN
- ROBERT MARSHALL HEWITT, B.S., 1963 JOHN LEROY HICKS
- MORRIS ALVIN HICKS, B.S., Western Illinois University, 1958; B.S., 1963 RONALD MAURICE HIGHTON, B.S., Roo-sevelt University, 1961; B.S., 1963
- WILLIAM JOHN HINZE
- RICHARD HERSCHEL HORWITZ, A.B., B.S., 1960, 1964
- LEO LUCAS JAEGER, with High Honors; B.S., 1963 Norman Eugene James, Jr.
- FRANKLIN GEORGE JASIEK

- ROBERT RICHARD JENSEN, B.S., 1963 ROBERT EARL JOURGENSEN, B.S., 1963 GEORGE IRWIN KAGAN, B.S., University of Chicago, 1961; B.S., 1963
- DENNIS MICHAEL KAPILLA
- FRANK JAMES KEROUS, A.B., Knox College, 1961; B.S., 1963
- GUSTAV ROBERT KOZINA, B.S., 1963
- JOHN CHARLES KRISCHKE, A.B., North-western University, 1961; B.S., 1963
- RICHARD MELVIN LAINSON, B.S., Em-manuel Missionary College, 1959; B.S., 1963
- JACK SAMUEL LITZ
- THOMAS WALLACE MANSFIELD, B.S., 1961, 1963
- LAVAN CLARENCE MAPES, B.S., Emmanuel Missionary College, 1952

- ALLEN DAVID MARKS, B.S., 1963
- LARRY WAYNE MCBRIDE
- RICHARD THOMAS MCDANIEL, with Honors
- JAMES HOWARD MCMAHON
- KENNETH PAUL MOLNAR, B.S., 1960, 1963
- DON RAYMOND MORRIS, B.S., 1963
- THOMAS LEO MULLOOLY
- JOHN RALPH NAPOLITANO

- ROBERT JAMES NUDERA, B.S., 1963 BRIAN CARL PAINTER, B.S., 1963 MICHAEL STUART PATNER, B.S., 1963 JAMES WILLIAM PAUL, B.S., St. Louis University, 1957; M.S., B.S., 1961, 1063 1963
- TERESA PALOVSNIK RONCEVICH
- CHARLES HOWARD ROOF, JR.
- WILLIAM ANDREW SCHACKEL, B.S., 1963
- GARY DEAN SHAW
- ARTHUR MARTIN SIML
- DUANE EUGENE SOLDATI, B.S., 1963
- JAMES ALLEN SPELICH, B.S., 1963

- WILLIAM JOSEPH STAPLETON ROBERT VINCENT STARVEL, B.S., 1963 EDWARD STUART STERLING, B.S., 1963
- MYRON MILES STERNSTEIN
- GERALD WAYNE STONECIPHER
- LEE JOHN STOPOULOS, A.B., Augustana College, 1961; B.S., 1963
- JOHN PHILLIP STRELECKY
- RICHARD LEWIS TEGA, B.S., 1963
- ROBERT FRANCIS TEMPESTINI
- THOMAS CHARLES VOGT, B.S., 1963
- ROBERT IGNACE WIER

- JAMES MCDONALD WILCOX WAYNE ROBERT WITT, B.S., 1963 ROBERT RICHARD ZENDT, A.B., KNOX College, 1961; B.S., 1963
- **JOSEPH TINO ZUFFANTE**

COLLEGE OF MEDICINE

Degree of Bachelor of Science in Occupational Therapy

Conferred June 11, 1965

FRANCES IRENE STEELE BARFORD
ROBERTA GAIL BLOCK
DIANE MARIE WARNOCK BRANDT
JULIE ANN CUNNINGHAM, with Honors
JANET THEA DOORNBOS
MARY ALICE HANNA
GALE LOUISE SUMNER HARADON

ALICE BARBARA HIRSCH CAROL SUE KOERNER NANCY LOUISE LEHMANN JEANNE BARBARA LOTKA, with Honors JULIE E. MARKS SHARON LEE MARTIN SARA ANN MATLOCK

Degree of Doctor of Medicine

Conferred September 12, 1964

DENNIS RONALD FINEBERG ARNOLD MORE PECK

JOHN WAYNE O'DONNELL, B.S., 1960

June 16

Conferred June 11, 1965

- LEE ROY AKKER, A.B., Hope College, 1961
- VICTOR SAMUEL ANDERSON, A.B., Barrington College, 1957; B.S., Wheaton College, 1959
- NEIL GERALD ARONSON, A.B., 1956
- CHARLES STEPHEN ASHMORE, B.S., Illinois Wesleyan University, 1962
- BRUCE CLEAVELAND BACON
- PAUL THOMAS BAKULE, B.S., University of Chicago, 1961 DONALD PETER BARICH, A.B., Albion
- College, 1962
- ARNOLD BARRON, with Honors; B.S., Roosevelt University, 1961
- HAROLD RANDALL BASS, B.S., Northern Illinois University, 1961
- FRANK LUDWIG BEHREND, A.B., Augus-
- tana College, 1961 DANIEL ROLFE BENSON, A.B., Miami University, 1961
- MAX HAROLD BERNS, B.S., 1959
- SIDNEY STEMAN BERNSTEIN, B.S., 1961
- ANTHONY BIANCHI, JR., B.S., Loyola University, 1961 DENNIS ROSS BILLITER, B.S., Purdue
- University, 1959
- CHARLOTTE MARIE BLAIN
- RICHARD EUGENE BONALDI, B.S., 1961
- JONATHAN FREDERICK BORUS
- JAMES LEONARD BREYER THOMAS KIEFER BROWN
- WILLIAM HENRY BRUCE, JR., A.B., 1962
- LAWRENCE MARKE CADKIN
- DAVID DONALD CALDARELLI
- THOMAS JOSEPH CAMPBELL, JR.
- NORMAN FRANKLIN CANTOR, with Honors
- MICHAEL JOHN CARBON
- CHRIS PETER CASTEN, B.S., M.S., 1958, 1961
- DON LLOYD CHANEY, A.B., Northwestern University, 1960
- ANDREW VALENTINE CHARLES, A.B., University of Michigan, 1961
- BRUCE SHERWIN CHERTOW
- BARRY LEE CHILDRESS, B.S., 1961 OSCAR JEROME COGAN, with Honors
- WILLIAM ANDREW COLBY, A.B., 1961
- CONRAD DOUGLAS COLLINS, A.B., Greenville College, 1961
- ALAN ELI CORORVE
- THOMAS RICHARD COTTON, A.B., 1962
- ROBERT EUGENE COX, B.S., Eastern Illi-nois University, 1961
- RONALD EUGENE CRANFORD, B.S., 1962
- MICHAEL LEARY CUSACK
- ANTHONY MICHAEL D'AGOSTINO
- RICHARD ALLEN DART, B.S., 1961
- ANTHONY NICHOLAS DEMEO

- - FRANK ARTHUR DESANDRE, B.S., 1961
 - ROBERT GARY DIRMISH
 - LAWRENCE PATRICK DONAHUE
 - FRANK TERZAKE DRAKE LAWERENCE DAVID EDWARDS
 - CLARENCE DAVID ENGSTROM

 - EDWARD GEORGE ESCHENBAUM, JR., A.B., Columbia University, 1960
 - RAYMOND LAWRENCE FARRELL
 - LAWRENCE MICHAEL FEINGOLD
 - DONALD JORDAN FELDMAN
 - ERWIN IAN FELDMAN, B.S., 1960
 - JOSEPH LARRY FELDMAN, B.S., Lovola University, 1961
 - MARSHALL PHILLIP FISHER, with Honors
 - LOUIS JOSEPH FOLEY, B.S., 1961
 - THEODORE ARTHUR FRIEDMAN
 - EUGENE MICHAEL GAERTNER, B.S., Loras College, 1960
 - IRVING SAMUEL GARLOVSKY, B.S., 1960
 - MELVYN ALLAN GERSTEIN
 - COULTAS WILLIAM GIBSON, B.S., Bradley University, 1961 SHERWIN ALLEN GILLMAN

 - JAMES RICHARD GILSON, A.B., Augustana College, 1961
 - HARVEY JOEL GORFINKEL
 - FLORA CASS GOSCH, A.B., Sarah Law-rence College, 1953
 - JAMES CLIFFORD GREEN, A.B., 1962
 - JAMES LEITZE GREEN, A.B., Illinois College, 1961
 - JAMES FRED GREENWOOD, B.S., 1959
 - JAMES SAMUEL GUERRERO, A.B., Beloit College, 1961
 - JAMES CHARLES HANLEY, B.S., St. Procopius College, 1961
 - ROGER DALE HANSON, B.S., Bradley University, 1962
 - GERALD EDWIN HARRIS
 - GEORGE BAIRD HELFRICH, A.B., Denison University, 1961 FREDERIC CARL HELM, B.S., 1961

 - RICHARD ALLEN HENDRICKS, B.S., University of Notre Dame, 1961
 - STEPHEN JOSEPH HERMAN, A.B., Wa-bash College, 1961
 - FRED SANFORD HERZON
 - PAUL ERNST HOERNIG
 - NOEL SCOTT HOWARD
 - JOHN WAYNE HUGHES, A.B., Blackburn College, 1961
 - HARVEY ORRIN KAISER, B.S., 1961
 - JANE ANN KINSER

 - Alan Ben Knopf, B.S., 1961 Edward Ansel Kompare, B.S., University of Notre Dame, 1961
 - ALLAN ANTHONY KONCE
 - MORRIS ALAN KUGLER

- LEON SANFORD LANDO ARRY RAY LANE, with Honors
- STEPHEN NORMAN LANG
- ALLEN CUTLER LAPIN, with Honors
- THOMAS FRANCIS LAPPIN, B.S., College
- of the Holy Cross, 1961
- SHELDON LAZAR
- TIMOTHY GUY LEE, A.B., Monmouth College, 1961
- MICHAEL ALAN LEFF
- ROBERT CHARLES LEHMER
- CARL OREN LESTER, A.B., Central Col-
- lege, 1961 DANIEL SANDERS LEVINE, with Honors; B.S., 1961 VILAS VISHWANATH LIKHITE, B.S.,
- Centenary College, 1960 LEON WARREN LIPSON, B.S., 1962
- THEODORE CHARLES LITTLE
- MELVIN LOPATA, with Honors
- PAUL TEIL LUBAR
- MILDRED JEAN LUKANCIC, B.S., 1962
- DAVID PAUL MAGNUS, A.B., 1961
- HENRY HYMAN MANGURTEN
- JOHN EDWARD MARTIN, B.S., Drake University, 1959
- JOSEPH JUDE MAURER, B.S., 1958
- CLEMENT JOSEPH MCDONALD, JR., with Honors; B.S., University of Notre Dame, 1961
- WILLIAM JOHN MCDONALD, A.B., LORAS College, 1961
- HAROLD FRANCIS MCGRATH, B.S., College of the Holy Cross, 1961
- LARRY GARY MCLAIN, A.B., Lake Forest College, 1961
- MARTIN FRANCIS MIHM, B.S., Drake University, 1961
- ROBERT WILLIAM MILEY
- LAWRENCE CONRAD MOZAN, B.S., 1961
- PHILLIP WARD MYERS, B.S., Western Illinois University, 1961
- DON GAYLORD NELSON
- HERBERT PHILLIP NEWBURGER
- RICHARD OTTO OLSON, JR.
- JOSEPH HIKARN OYAMA, B.S., 1961
- STANLEY JOSEPH PALA
- ROBERT J. PARKS, A.B., Southern Illinois University, 1959
- JOAN ESTHER PATTERSON, B.S., 1957
- ROGER DWIGHT PETERSEN
- RIMVYDAS PLENYS
- ROBERT NEIL POLSKY
- Albert Anthony Post, B.S., 1962
- DAVID FRANKLIN POWELL, A.B., 1959 JOHN ELDON RANDOLPH, B.S., 1961
- MARGARET ANNE REAL, A.B., Marycrest College, 1953; M.S., State University of Iowa, 1955
- DAVID MICHAEL RESK, B.S., DePaul University, 1961

- RICHARD HOWARD REYNERTSON, A.B.,
- 1961 MITCHELL LEE RHODES, B.S., 1961
- JOHN BERNHARD ROTH
- ARNOLD DAVID ROTHNER, A.B., Yeshiva
- College, 1961 LAWRENCE RICHARD RUBEL, B.S., Uni-
- versity of Pennsylvania, 1958 GEORGE HENRY SALTZBERG, B.S., Uni-
- versity of Wisconsin, 1962 ARNOLD HYMAN SAMUELS
- HOWARD SCHATZ
- RICHARD ARNOLD SCHMIDT, B.S., Illinois College, 1958 FREDRICK WILLIAM SCHROEDER, A.B.
- Southern Illinois University, 1961
- DAVID CHARLES SCHUTZ, A.B., 1961
- LEWIS IRWIN SEGAL
- PHILLIP JOHN SEWARD, A.B., Augustana College, 1961
- ROBERT FOGEL SHAPIRO, A.B., 1962
- RONALD DEE SHIPPERT, A.B., North Central College, 1960
- JOHN LEO SHOWEL, JR., B.S., University of Notre Dame, 1961
- ALLEN MARTIN SIEGEL
- RICHARD ARNOLD SILVER, B.S., 1960 DAVID LEE SLOAN, B.S., Georgetown
- University, 1961 DENNIS ERNEST SLOAN, B.S., University of Wisconsin, 1962
- MALCOLM DARRYL STEIDER, A.B., North Central College, 1961
- MALCOLM STEWART-MORRIS
- GUSTAVE SAMUEL STOHL
- ARNOLD MILES STRIMLING
- RICHARD MAITLAND TEMPLE, A.B.,
- DePauw University, 1957
- ROBERT TERRY
- JAY CHRISTOPHER TONNE, B.S., Loyola University, 1962 ARVIN DAVID TUNICK, A.B., Northwest-
- ern University, 1961
- JAMES ANDERSON TWINING, A.B., Drake University, 1961 RALPH PETER UHLMANN
- MICHAEL SAMUEL WALLACK, with Honors
- MELVYN G. WEINBERG, A.B., Lawrence University, 1961 IRWIN STUART WEISS
- SIDNEY HERMAN WEISSMAN, B.S., University of Chicago, 1961
- WILLIAM JOSEPH WELLER, B.S., University of Dayton, 1961
- JOHN WILLIAM WETHERHOLD, A.B., Miami University, 1961
- ARTHUR ALAN WHITE, A.B., William Jewell College, 1960
- WILLIAM HENRY WILLIS

DAVID ENNIS WOODRUM, A.B., Mac-Murray College, 1961 JEROME WILLIAM YATES, A.B., Lawrence University, 1961 HENRY GALE ZACHEIS, B.S., 1961 DAVID ZBARAZ BARRY ROGER ZEITLIN, B.S., Roosevelt University, 1960 RICHARD ALLEN ZIFFRA, B.S., Loyola University, 1960 JOHN ALAN ZIMDARS

COLLEGE OF NURSING

Degree of Bachelor of Science in Nursing

Conferred December 18, 1964

Sylvia Joy Anderson Catherine Peters DeVries JoAnn Lois Jensen Mary Catherine Kostner Noel Justeson Lastauskas BETH ANN LINKINHOKER JANET MARIE MARTINS EDITH MAY NEUFELD, with Honors JUDITH ROWLEY RYAN, with Honors CAROL WAKELEY WEXLER

Conferred March 19, 1965

HE-YOUNG YOON PANG

Conferred June 11, 1965

MADONNA JOY AMES BARBARA JEAN BEGLEY ELISSA ELLEN BLITSTEIN JOY LYNNE GREENBERG BROWN KAREN COLEMAN LINDA BETH CRUICKSHANK CARYL ANNE DYKSTRA MARGIE KAY STEIN EDEL, with Honors DAVID RANDOLPH ELY SUZANNE ELAINE FEIL LOUISE ELAINE SCROGGINS FOERSTER GERTRUDE JANET GILLIAM MADELEINE SUZANNE GINTZLER KAREN ANN GUNLOCK MARGARET ANNE DOBSON HADLEY ROSE ANN HERTL EDITH JENTSCHKE CONSTANCE EMILY KACZMAREK HELEN JEANNE KALINA PATRICIA EILEEN KARNER KAREN FAYE KEPLEY BARBARA JEAN KOLLMAN PENNY ANN LAMBRECHT DORIS JEANNE LANGELLIER

JOAN SUSAN KIER LIEBER NANCY CAROLYN LIST MARY JANE LLOYD, with Honors DARLENE MAE MACKEBEN PRISCILLA ALDEN MACKENZIE, with Honors BARBARA ANNE MARR, with Honors LOIS ANN MESSER EDNA RUTH ANDERSON NICHOLS CLAUDIA KATHLEEN POST JULANN RITA POWELL CARYL RAE RAMSTADT RHETIS ANN AMANDA RISKE SHARON MILLIKEN ROBERTS PHYLLIS LORRAINE HUGHES ROJAKOVICK SHARON MILDRED SANCKEN SUZANNE ELLEN SILVERSTEIN ANNETTE DOROTHY SOBIESZCZYK MARY JOSEPHINE STANDISH MARDELL MADELINE TAMBURINI, with Honors RUTH IRMA THUMBERGER **JEAN KATHLEEN WEINHOLD** SUZANNE ELIZABETH WEISS

COLLEGE OF PHARMACY

Degree of Bachelor of Science in Pharmacy

Conferred September 12, 1964 MARILYN PAULA JUNG

KENNETH ADAMS PETER NOEL COPE, A.B., Northwestern University, 1959; M.S., 1963

Conferred December 18, 1964 ELEANOR CORDES LUKAZEWSKI, B.S., Roosevelt University, 1950

Conferred March 19, 1965

MAURICE ROBERT HEBERT WYNDOLYN HAZEL MINOR JENKINS RONALD EDWARD VRBA

Conferred June 11, 1965

LOUIS MITRY ABBOUD, B.S., Cairo University, 1957 RONALD HOWARD ABRAHAMS LEO LYLE AMBROSE RIMANTAS LIUBERT BAKAITIS GLORIA JEAN BALASH CHARLES RUDOLPH BERNDT MELVYN ALEXANDER BRENCIUS EILEEN MARIE BROKAMP JAMES LEO BRUEGGEMAN DONALD JAMES BUCKLEY PETER HERMANN BUGIEL BARBARA ANN BUKOWSKI BARBARA ANN BUNGERT JOSEPH JAMES CANZOLINO LAWRENCE JOSEPH CAPEK BUDDY RICHARD CARPENTER MIRANDA ROSEMARY CARPENTER EMERICH FRANK CATOMY BARRY MELVYN CHAPNICK WILLIAM EDWARD CHIRCHIRILLO ROBERT PAUL CHITWOOD DONALD CHARLES CHRISTIAN IRA MICHAEL COWARD CAROL KATHERINE DOLTER LINDA FRANCES DROG, with Honors ROBERT ANTHONY DRZAL WARREN WOLF EISNER CARL LAWRENCE FAINGOLD ANITA MARIE GAPINSKI JAMES RAYMOND GAUDIO CHARLES JEROME GAWRONSKI, with Honors KRISTINA GRAZINA GECAS HERBERT MICHAEL GERGANS RAYMOND THOMAS GRAMAS LOUIS GREIFENSTEIN, JR. PHILLIP LOUIS GUASTELLA MALCOLM LEWIS GURWICH BERNADINE CECILE HAMBURG BERND HAPKE WILLIAM HERBERT HAYS GARY ROY HELGESON JERRY WAYNE ISBELL Steven Robert Janik Sandra Anne Jasudowicz THOMAS ROGER JESSIE ANTOINETTE ELEANOR JOKOLIS CHARLES BENJAMIN JONES THOMAS JOHN KACKERT JEROME BERNARD KARLIN RICHARD RAY KASPER WILLIAM FRANCIS KERNC RONALD BRUNO KLUZA, with Honors JAMES MICHAEL LADEGAARD

DONALD GILBERT LARSON JOAN DANGUOLE MARKUS LOUIS PETER MARTINI OLIVER LUTHER MITCHELL, A. B., Monmouth College, 1959; M.S., University of Chicago, 1961 GERALD CHESTER MOCZYNSKI, with Honors RICHARD JACK MORGAN ALAN LYNN NORSWORTHY MORTON BARRY OBERLANDER WALTER CASIMIR OLCHAWA GEORGE THOMAS PATTERSON ROBERT WALTER PIEPHO CECIL PAUL PLATT RENEE RABIN RONALD ROBERT RUDZINSKI RICHARD IRWIN SALZSTEIN, A.B., Northwestern University, 1962 RICHARD LEE SANDGREN LOUIS RALPH SCAFURI NORMAN LEE SCHWABACHER RICHARD STANLEY SCHWARTZ, A.B., Rutgers State University, 1961 RONALD MICHAEL SCHWARTZ DOUGLAS HAROLD SHINNICK RONALD RAYMOND SIDOR RONALD BLASE SILC EDWARD STANLEY SKIBA CARL FLORIAN SKRABACZ JAMES SLONKA LOIS ANN SPERL ARTHUR HARRY STANGE JOHN ALLEN STASZEL GRACE ELAINE STEWARD, with High Honors HELEN KATHRYN STEWART HOWARD BURTON SWEET RONALD WALTER SZWAJKOWSKI MARTIN JOSEPH TAXE CHARLES ROBERT THOMPSON WALTER JACOB TUMAN, with Honors ARTHUR LEE URBAN Myrna Louise O'Brien Van Horn Sharon Anne Vavrik LYLE NEWTON WAGNER THOMAS SCOTT WARD DANIEL PHILIP WARFIELD GERALD LEONARD WASZKOWSKI CAROL PAULINE WEBER JAMES CURTIS WHITE GEORGE CORWIN WOOD ALLAN MITCHELL ZEGIEL ELIZABETH ZENDT CATHLEEN MARY ZWIERZYNA

SECRETARY'S REPORTS

The Secretary presented for record the following lists: appointments to the faculty made by the President; appointments of fellows made by

June 16

the President: resignations, declinations, and terminations; 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.)

ANTONIO, JAMES F., Instructor in Accountancy, Summer Session of 1965, 1/2 time, June 21-August 14, 1965, \$562 for the period (5-11-65). ARMSTRONG, JAMES W., Assistant Professor of Mathematics, Summer Session of

 ARMSTRONG, JAMES W., ASSISTING FORESSOL OF Mathematics, Summer Session of 1965, June 21-August 14, 1965, \$1,889 for the period (5-28-65).
 AVRE, BARNA MCD., Instructor in French, Chicago Circle, Summer Session of 1965, 2/3 time, June 28-August 20, 1965, \$1,037 for the period (5-3-65).
 BAGWELL, JOHN T., JR., Assistant Research Programmer in the Department of Computer Science, Graduate College, two months from July 1, 1965, \$1,166.66 (5-14-65).

BALDWIN, JOHN E., Assistant Professor of Organic Chemistry, Summer Session of 1965, June 21-August 14, 1965, \$1,823 for the period (5-10-65).
 BAPTISTE, VICTOR N., Instructor in Spanish, Chicago Circle, academic year 1965-

- BARR, MRS. DORIS W., Research Associate in the Survey Research Laboratory, Graduate College, 1/2 time, July 21-August 31, 1965, \$4,000 a year (5-20-65).
 BARTON, GEORGE E., JR., Research Associate in History and Philosophy of Education, College of Education, June 21-July 30, 1965, \$2,500 (4-5-65).
- BAY, EDWIN, Adviser to Director of Extension for service under Contract AIDc-1258 at the U. P. Agricultural University, Pant Nagar, India, two years from

I258 at the U. P. Agricultural University, Pant Nagar, India, two years from May 1, 1965, \$14,600 a year (5-10-65).
BEESON, WILLIAM J., Visiting Lecturer in Anthropology, Summer Session of 1965, June 21-August 14, 1965, \$2,000 for the period (4-21-65).
BERLIN, LEONARD, Instructor in Radiology, College of Medicine, ½ time, July 1, 1965-August 31, 1966, \$8,000 a year (5-10-65).
BERNERO, RAYMOND J., Lecturer in Audiology, Department of Speech and Thea-tre, June 15-August 31, 1965, without salary (4-21-65).
BETTS, MADELEINE E., Lecturer in French, Summer Session of 1965, ½ time, June 21-August 14, 1965, \$750 for the period (4-27-65).

21-August 14, 1965, \$750 for the period (4-27-65).

BEZZEGH, THOMAS, Research Associate in Animal Science (S), August 1, 1965-August 31, 1966, \$8,500 a year (5-10-65). BLAIR, ROBERT C., Instructor in the Institute of Aviation, June 16-August 31,

BLAR, ROBERT C., Instructor in the institute of Avriation, june to August 51, 1965, \$9,200 a year (5-11-65).
 BRISCOF, JOHN W., Professor of Civil Engineering, Summer Session of 1965, 1/4 time, June 21-August 14, 1965, \$850 for the period (5-28-65).
 CAVAN, MRS. RUTH S., Visiting Lecturer in Home Economics, Summer Session of 1965, June 21-July 17, 1965, \$1,500 for the period (4-30-65).

CERCLE, RICHARD A., Clinical Assistant in Medicine, College of Medicine, five

 CERCEF, RICHARD A., Chinical Assistant in Medicine, Conege of Medicine, nee months from April 1, 1965, without salary (4-16-65).
 CHAPDU, ROBERT E., Instructor in English, Summer Session of 1965, 1/2 time, June 21-August 14, 1965, \$689 for the period (5-20-65).
 CHESSON, EUGENE, JR., Associate Professor of Civil Engineering, Summer Ses-sion of 1965, 3/10 time, June 21-August 14, 1965, \$621 for the period (5-20-65). (5-28-65)

 COLCORD, J. E., JR., Visiting Lecturer in Civil Engineering (C), two months from June 16, 1965, \$1,250 a month (4-27-65).
 COLLINS, W. LEIGHTON, Professor of Theoretical and Applied Mechanics (C), 14 time, \$3,750; and Executive Secretary of American Society for Engineer-¹⁴ tille, 50,750, and Executive Secretary of American Society for Engineering Education, 34 time, \$11,250, total salary \$15,000, nine months from September 16, 1964, supersedes (5-26-65).
 CZERWINSKI, RAYMOND T., Instructor in Mathematics, Chicago Circle, academic year 1965-66, \$9,000 (5-3-65).
 DAVIES, MICHAEL S., Instructor in the Coordinated Science Laboratory (C), full

time, two months from June 16, 1965, \$1,020, and 1/2 time, August 16-August 31, 1965, \$127.50, total salary \$1,147.50, supersedes (5-17-65).

DE LEON, MRS. ROSEMARY E., Assistant in Anesthesiology, Department of Surgery, College of Medicine, January 4-June 30, 1965, without salary (2-8-65). DERAMOS, AGAPITO Y., Clinical Instructor in Pediatrics, College of Medicine, four months from May 1, 1965, without salary (4-30-65).

DIGGS, BERNARD J., Professor of Philosophy, Summer Session of 1965, June 21-August 14, 1965, \$3,112 for the period (5-5-65).

DOUGLAS, BRUCE L., Associate Professor of Preventive Medicine, eleven months from October 1, 1965; this is in addition to his appointment as Associate Professor of Oral Medicine and Coordinator of Social Aspects of Dentistry, with salary (12-14-64). FUKAI, AKIRA, Research Associate in Metallurgical Engineering (C), three

months from June 1, 1965, \$8,200 a year, supersedes (5-5-65).

FERGUSON, WILLIAM A., Associate Professor of Mathematics, Summer Session of 1965, June 21-August 14, 1965, \$2,312 for the period (5-28-65).

GAULT, SIDNEY D., Research Assistant in Oral and Maxillofacial Surgery, Col-

GAULT, SIDNEY D., Research Assistant in Oral and Maxillotacial Surgery, College of Dentistry, five months from April 1, 1965, without salary (4-19-65).
 GIESELMAN, ROBERT D., Instructor in English, Summer Session of 1965, 1/2 time, June 21-August 14, 1965, \$800 for the period (5-20-65).
 GILBERT, DAVID B., Instructor in Music, academic year 1965-66, \$7,000 (4-21-65).
 GOLDSTEIN, MELVIN J., Clinical Assistant in Medicine, College of Medicine, seven months from February 1, 1965, without salary (2-22-65).
 GOODMAN, NICOLAS D., Instructor in Mathematics, Chicago Circle, academic year 1965-66, \$9,000 (5-3-65).

GRIMM, WOLFGANG, Research Associate in Chemistry, June 16-August 31, 1965, \$7,000 a year (4-21-65).

GUPTA, DEVENDRA, Research Associate in Metallurgical Engineering (C), three months from June 1, 1965, \$8,500 a year (5-10-65).
 HAIG, ROBERT L., Associate Professor of English, Summer Session of 1965, June 21-August 14, 1965, \$2,489 for the period (5-20-65).

HALFORD, GARY, Research Associate in Theoretical and Applied Mechanics (C), June 16-August 31, 1965, \$1,722.22 (4-27-65).
 HALLWORTH, HERBERT J., Visiting Lecturer in Educational Psychology, Summer

Session of 1965, June 21-August 14, 1965, \$2,400 for the period (4-21-65).
 HAMILTON, JOHN A., Assistant Professor of English, Summer Session of 1965, June 21-August 14, 1965, \$1,578 for the period, supersedes previous Summer Session appointment on 1/2 time (5-20-65).

HANSON, JAMES C., Instructor in German, Chicago Circle, academic year 1965-66, \$8,200 (5-10-65).

HART, MRS. ALICE G., Associate Professor of Mathematics, Chicago Circle, indefinite tenure from September 1, 1965, academic year service basis, \$11,000 a year (5-7-65).

HARWOOD, JUDITH A., Education Library Assistant, with the rank of Instructor, in the Library, June 14-August 31, 1965, \$6,350 a year (5-17-65).

HATLELID, THOMAS E., Assistant in Ophthalmology, College of Medicine, six months from January 1, 1965, without salary (2-6-65).

HENDRICK, GEORGE, Professor of English, Chicago Circle, indefinite tenure from September 1, 1965, academic year service basis, \$12,000 a year (2-1-65).
 HINDLE, NEIL W., Assistant in Ophthalmology, College of Medicine, six months

from January 1, 1965, without salary (2-8-65). Holli, Melvin G., Instructor in History, Chicago Circle, academic year 1965-66,

\$8,200 (5-3-65).

HUFFMAN, PHILIP G., Clinical Instructor in Medicine, College of Medicine, four months from May 1, 1965, without salary (5-20-65).

months from May 1, 1905, without salary (5-20-05).
HURLEY, OLIVER, Research Associate in Special Education, Summer Session of 1965, 1/2 time, June 21-August 14, 1965, \$834 for the period (5-20-65).
IANDOLO, JOHN J., Research Associate in Food Science (S), four months from May 1, 1965, \$6,100 a year (5-17-65).
IKEDA, TAKAYOSHI, Research Associate in Food Science (S), one year from September 1, 1965, \$6,350 (5-3-65).
JORDEN, ROGER M., Research Associate in Civil Engineering (C), June 16-August 31 1065 \$17778 (4.23-65).

31, 1965, \$1,777.78 (4-23-65).

KARACHORLU, K. VAHE, Assistant in Pathology, College of Medicine, six months from January 1, 1965, without salary (2-26-65).

KASS, CORRINE, Visiting Lecturer in Special Education, Summer Session of 1965, June 21-August 14, 1965, \$2,300 for the period (5-20-65).

KENNEDY, THOMAS W., Instructor in Civil Engineering (C), June 16-August 31, 1965, \$2,000 (5-12-65).

KNOX, RONALD R., Instructor in Civil Engineering (C), two months from June 16, 1965, \$1,888.88 (5-20-65).

Kosova, Leonard A., Clinical Assistant in Medicine, College of Medicine, seven months from February 1, 1965, without salary (2-12-65).
 LARMORE, LAWRENCE L., JR., Instructor in Mathematics, Chicago Circle, academic year 1965-66, \$9,000 (5-10-65).
 LATHROPE, MRS. MARY F., Visiting Lecturer in the Graduate School of Library

Science, Summer Session of 1965, 1/2 time, June 21-August 14, 1965, \$900 for the period (5-20-65).

LAZERWITZ, BERNARD, Associate Professor in the Survey Research Laboratory, Graduate College, two months from July 1, 1965, \$2,444.44 (5-24-65).
 LEEF, GERALD S., Instructor in Radiology, College of Medicine, July 1, 1965-August 31, 1966, \$16,000 a year (5-10-65).
 LEHNHOFF, TERRY F., Instructor in Theoretical and Applied Mechanics (C), 1/2 time, academic year 1965-66, \$2,900 (5-17-65).

LEUNG, SAMUEL S., Visiting Lecturer in Geology, Chicago Circle, Semester II, 1964-65, \$2,625 (5-3-65).

LOFTUS, RICHARD J., Assistant Professor of English, Summer Session of 1965, June 21-August 14, 1965, \$1,778 for the period (5-20-65).
 LOGAN, ROBERT K., Research Associate in Physics (C), one year from September

1, 1965, \$8,500 (4-24-65).

LOWELL, JAMES R., JR., Research Associate in Chemistry, September 16, 1965-August 31, 1966, \$6,500 (4-21-65).
 MARSHALL, ROBERT H., Visiting Lecturer in the Department of Chemistry and

Chemical Engineering, Summer Session of 1965, June 21-August 14, 1965, \$2,200 for the period (4-27-65).

MARTENS, RICHARD A., Clinical Assistant in Medicine, College of Medicine, seven

months from February 1, 1965, without salary (2-22-65). MCKINLEY, JOHN M., Visiting Lecturer in Physics, Summer Session of 1965, June 21-August 14, 1965, \$2,500 for the period (4-21-65).

MELOY, CARL R., Professor of Chemistry, College of Pharmacy, Summer Session of 1965, August 2-September 11, 1965, \$2,334 for the period (5-10-65).
 MILLER, ARNOLD L., Assistant Professor of Psychology, Summer Session of 1965, 1/2 time, June 21-August 14, 1965, \$1,000 for the period (5-10-65).

MILLER, VERNON A., Instructor in German, Chicago Circle, academic year 1965-66, \$6,000 (5-3-65).

MILROY, FRANCES A., Instructor in History, Chicago Circle, academic year 1965-66, \$6,000 (5-10-65).

MORETON, C. ANNE, Visiting Lecturer in Educational Psychology. Summer Session of 1965, June 21-August 14, 1965, \$2,500 for the period (4-27-65).
 MOYER, FRED D., Assistant Professor of Architecture, Summer Session of 1965,

MOYER, FRED D., ASSISTANT Professor of Architecture, Summer Session of 1965, June 21-August 14, 1965, \$1,689 for the period (5-10-65).
 MUELLER, THOMAS E., Research Associate in the Coordinated Science Laboratory (C), full time, two months from June 16, 1965, and 1/2 time, August 16-August 31, 1965, \$1,284.39, supersedes (5-12-65).
 MULCAHY, THOMAS M., Research Associate in Theoretical and Applied Me-chanics (C), two months from June 16, 1965, \$622.22 (4-27-65).
 MUTH, FRWIN F. Research Associate in Chemistry one user for Sector 10.

MUTH, ERWIN F., Research Associate in Chemistry, one year from September 1, 1965, \$6,500 (5-10-65).

1905, \$0,500 (5-10-05).
 NARCISI, LOUIS J., Assistant Professor of Architecture, Summer Session of 1965, June 21-August 14, 1965, \$1,778 for the period (5-17-65).
 NEAL, JOHN A., Research Associate in Theoretical and Applied Mechanics (C), two months from June 16, 1965, \$1,333.32 (5-21-65).
 NELSON, AMERICA E., Clinical Instructor in Pediatrics, College of Medicine, five the form Applied La College of Medicine, five the form the form Applied La College of Science Applied La College of Medicine, five the form of the form Applied La College of Medicine, five the form of the fo

months from April 1, 1965, without salary (5-20-65).

ORVEDAHL, JESSE, Research Associate in Education, University High School, July 5-August 30, 1965, \$2,100 (4-21-65).

PAGEL, DORIS B., Instructor in the Graduate School of Library Science, 1/2 time, June 21-August 14, 1965, \$667; and full time, August 15-August 21, 1965, \$167, total salary \$834 (4-23-65).

PAGES, JOSÉ R., Law Library Assistant, with the rank of Instructor, in the Library, June 2-August 31, 1965, \$7,500 a year (5-17-65).

PATERSON, HAROLD C., Assistant Professor of Physical Education for Men, Col-lege of Physical Education, nine months from September 16, 1964, \$9,150, supersedes (5-17-65).

PILDES, MRS. ROSITA S., Assistant Professor of Pediatrics, College of Medicine, 3/4 time, six months from March 1, 1965, \$9,000 a year (5-3-65)

PUJATTI, GEREMIA, Research Assistant in Pediatrics, College of Medicine, eight months from January 1, 1965, without salary (3-23-65).

RASMUSSEN, MALCOLM, Research Associate in Chemistry, eleven months from October 1, 1965, \$6,800 a year (4-24-65).

RATCLIFFE, ROBERT H., Instructor in Education, Chicago Circle, academic year 1965-66, \$9,000 (4-21-65). RIGNEY, DAVID A., Research Associate in Metallurgical Engineering (C), one

year from September 1, 1965, \$8,200 (5-10-65). ROBBIN, DAVID S., Assistant in Ophthalmology, College of Medicine, two months from May 1, 1965, without salary (5-20-65).

Rocali, Louis, Lecturer in Architecture, Chicago Circle, 1/2 time, Semester II, 1964-65, \$2,000 (3-19-65).

SABIN, EARL A., Clinical Instructor in Anesthesiology, Department of Surgery, College of Medicine, five months from April 1, 1965, without salary (4-30-65).
 SAED, AMIR, Assistant in Pediatrics, College of Medicine, eight months from January 1, 1965, without salary (2-22-65).
 SALVAGIONE, ANTHONY P., Clinical Assistant in Medicine, College of Medicine, five months from April 1, 1965, without salary (3-26-65).
 SCHATTSCHNEIDER, MRS. DORIS J., Instructor in Mathematics, Chicago Circle, accedemic year 1965-66 \$8 500 (5-365)

academic year 1965-66, \$8,500 (5-3-65).

SCHEINMAN, MORRIS, Assistant Professor of General Engineering, Summer Scs-sion of 1965, June 21-August 14, 1965, \$2,000 for the period (5-17-65).

SCHLEUNES, KARL A., Instructor in History, Chicago Circle, academic year 1965-

Schleunes, MAR A., Instructor in Tribuly, Cardy, C. 1997
Schnidt, Norbert O., Instructor in Civil Engineering (C), June 16-August 31, 1965, \$2,361.10 (4-28-65).
Shopen, Kenneth G., Professor of Art, Chicago Circle, nine months from September 16, 1964, \$10,900, supersedes (3-29-65).

SINAI, ALLEN L., Instructor in Economics, Chicago Circle, 2/3 time, academic year 1965-66, \$6,000 (5-10-65).

SKELTON, FREDERICK S., Research Associate in Chemistry, Graduate College, one year from September 1, 1965, \$6,500 (3-18-65).

SLIFE, FRED W., Professor of Crop Production, Department of Agronomy (C and S), indefinite tenure, \$15,000 a year, and Associate Head of the Department of Agronomy, three months from June 1, 1965, \$1,000 a year, total salary \$16,000 a year, supersedes (5-17-65).

 SMITH, AUSTIN M., JR., Instructor in Accountancy, Auditing Division, two months from June 16, 1965, \$1,111.10 (5-11-65).
 STOTTLAR, JAMES F., Instructor in English, Summer Session of 1965, June 21-August 14, 1965, \$1,556 for the period, supersedes previous Summer Session or Session appointment on 1/2 time (5-20-65).

TAKANO, TADAO, Instructor in Art, Chicago Circle, 83 per cent time, Semester II, 1964-65, \$3,000 (5-17-65).

TALLMAN, CARTER B., Assistant in Ophthalmology, College of Medicine, January

18-June 30, 1965, without salary (2-26-65). TAUBER, JOHN F., Clinical Assistant in Medicine, College of Medicine, seven months from February 1, 1965, without salary (2-8-65).

THIELE, KARL G., Research Assistant in Medicine, College of Medicine, January 4-August 31, 1965, without salary (2-22-65).

TODA, FUMIO, Research Associate in Organic Chemistry, Department of Chemistry and Chemical Engineering, one year from August 1, 1965, \$6,800 (5-11-65).

TRIANDIS, LEIGH M., Associate Professor of Psychology, beginning March 1 1965, academic year service basis, \$2,300 (4-21-65).

VICKERS, JOHN M., Visiting Lecturer in Philosophy, Chicago Circle, Summer Session of 1965, June 25-August 20, 1965, \$1,928 for the period (5-4-65).
 VYGANTAS, CHARLES M., Assistant in Ophthalmology, College of Medicine, five months from February 1, 1965, without salary (2-26-65).
 WRIGHT, CHARLES A., Instructor in German, Chicago Circle, Summer Session of 1965 24 time, June 25-August 20, 1965 \$786 for the period (5-5-65).

1965, ²/₃ time, June 25-August 20, 1065, \$786 for the period (5-5-65).
 ZEHRBACH, RICHARD R., Visiting Lecturer in Psychology, Summer Session of 1965, ¹/₂ time, June 21-August 14, 1965, \$1,000 for the period (4-27-65).
 ZWOYER, RUSSELL, Research Associate in Education (University High School), one year from September 1, 1964, \$10,037, supersedes (5-10-65).

FACULTY FELLOWSHIPS

ADELMAN, GARY, Fellow in English, three months from June 16, 1965, \$900 (3-30-65).

ALBERTI, FURIO, Fellow in Mathematics, Chicago Circle, three months from June 16, 1965, \$900 (3-30-65).

BALDWIN, SPURGEON W., JR., Fellow in Spanish, three months from June 16, 1965, \$900 (3-30-65).
BARDACK, DAVID, Fellow in Biological Sciences, Chicago Circle, three months from June 16, 1965, \$900 (3-30-65).
BARON, WILLIAM J., Fellow in Art, three months from June 16, 1965, \$900

(3-30-65).

BARRETTE, PAUL, Fellow in French, three months from June 16, 1965, \$900 (3-30-65).

BAUM, DAVID, Fellow in Law, three months from June 16, 1965, \$900 (3-30-65).

BLAYLOCK, WILLIAM C., Fellow in Spanish, three months from June 16, 1965, \$900 (3-30-65).

BODNAR, PETER, Fellow in Art, three months from June 16, 1965, \$900 (3-30-65).

BOWMAN, JOHN D., Fellow in Economics, three months from June 16, 1965, \$900 (3-30-65).

BRANDABUR, EDWARD, Fellow in English, three months from June 16, 1965, \$900 (3-30-65).

BROOKS, ROBERT D., Fellow in Speech, three months from June 16, 1965, \$900 (2-19-65).

CHOW, J. C. F., Fellow in Engineering, Chicago Circle, three months from June 16, 1965, \$900 (3-30-65).

CLARK, JOHN P., Fellow in Sociology, three months from June 16, 1965, \$900 (3-30-65).

CRUMMEY, ROBERT O., Fellow in History, three months from June 16, 1965, \$900 (3-30-65).

DASSO, JEROME J., Fellow in Finance, three months from June 16, 1965, \$900

(3-30-65). DEFOTIS, W., Fellow in Engineering, Chicago Circle, three months from June

DE LEY, HERBERT, Fellow in French, three months from June 16, 1965, \$900 (3-30-65).

EDLEFSEN, BLAINE, Fellow in Music, three months from June 16, 1965, \$900 (3-30-65).

HENDERSON, ARNOLD, Fellow in Architecture, three months from June 16, 1965, \$900 (3-30-65).

HILL, BENNETT D., Fellow in History, three months from June 16, 1965, \$900 (3-30-65)

HINOMOTO, HIROHIDE, Fellow in Industrial Administration, three months from June 16, 1965, \$900 (3-30-65).

HOFF, GLORIA A., Fellow in Physics, Chicago Circle, three months from June 16, 1965, \$900 (6-18-65).
 HUGHES, ROBERT T., Fellow in Art, three months from June 16, 1965, \$900

(3-30-65). JEAN, WILLIAM H., Fellow in Finance, three months from June 16, 1965, \$900

(3-30-65).

KARGON, ROBERT, Fellow in History, three months from June 16, 1965, \$900 (3-30-65).

- KRAUSE, HARRY, Fellow in Law, three months from June 16, 1965, \$900 (3-30-65) LANCASTER, EDWARD, Fellow in Art, three months from June 16, 1965, \$900 (3-30-65).
- LEVIN, DONALD A., Fellow in Biological Sciences, Chicago Circle, three months from June 16, 1965, \$900 (3-30-65). LOVE, W. NELL S., Fellow in English, Chicago Circle, three months from June
- 16, 1965, \$900 (3-30-65).
- LU, CHIN PI, Fellow in Mathematics, three months from June 16, 1965, \$900 (3-30-65).
- MAJOROWICZ, ROGER L., Fellow in Art, three months from June 16, 1965, \$900
- NAOUMIDES, MARK, Fellow in Classics, three months from June 16, 1965, \$900 (3-30-65).
- OSOFSKY, GILBERT, Fellow in History, Chicago Circle, three months from June 16, 1965, \$900 (3-30-65).
- PETERSON, WILLIAM A., Fellow in Accountancy, three months from June 16, 1965, \$900 (3-30-65).
- PHILLIPS, TOMMY L., Fellow in Botany and in the Division of General Studies, three months from June 16, 1965, \$900 (3-30-65).
- PINNELL, MINERVA, Fellow in Art, three months from June 16, 1965, \$900 (3-30-65).
- PRANGER, ROBERT J., Fellow in Political Science, three months from June 16, 1965, \$900 (3-30-65).
- SCHWALBE, PAULINE, Fellow in German, three months from June 16, 1965, \$900 (3-30-65)
- SIMON, JOHN K., Fellow in English, three months from June 16, 1965, \$900 (3-30-65).
- STEINKAMP, STANLEY W., Fellow in Economics, three months from June 16, 1965, \$900 (3-30-65). STUBBS, JOHN, Fellow in English, three months from June 16, 1965, \$900
- (3-30-65).
- TEXTORIS, DANIEL A., Fellow in Geology, three months from June 16, 1965, \$900 (3-30-65).
- TODD, LEE J., Fellow in Chemistry, three months from June 16, 1965, \$900 (3-30-65).
- TUCKER, PATRICIA A., Fellow in Mathematics, three months from June 16, 1965, \$900 (3-30-65).
- WEINBERG, ELLIOT C., Fellow in Mathematics, three months from June 16, 1965, \$900 (3-30-65). KIE, BRIAN, Fellow in English, three months from June 16, 1965, \$900
- WILKIE, (3-30-65).
- WRIGHT, GILBERT G., Fellow in English, three months from June 16, 1965, \$900 (3-30-65).
- YEGERLEHNER, JOHN, Fellow in Anthropology, three months from June 16, 1965, \$900 (3-30-65).

RESIGNATIONS, DECLINATIONS, AND TERMINATIONS

- BARR, MICHAEL, Assistant Professor of Mathematics, Summer Session of 1965resignation effective June 21, 1965.
- BERG, MRS. MARY A., Assistant Research Programmer in Physics resignation effective April 1, 1965.
- BERTLAND, ALEXANDER U., II, Research Associate in the Department of Chemistry and Chemical Engineering — resignation effective May 16, 1965. BROOKS, ROBERT D., Instructor in Speech, Department of Speech and Theatre,
- Summer Session of 1965 declination effective June 21, 1965.
- BROWN, EUGENE F., Fellow in Mechanical Engineering-resignation effective June 16, 1965.
- BROWN, GORDON E., Instructor in Mathematics, Summer Session of 1965-resignation effective June 21, 1965.

CHATO, JOHN C., Associate Professor of Mechanical Engineering, Summer Session of 1965 — declination effective June 21, 1965.

CHU, LUKE S. W., Assistant Professor of Physical Medicine and Rehabilitation College of Medicine — resignation effective July 1, 1965. CRAMPTON, GERTRUDE J., Instructor in Medical Social Work, College of Medi-

cine — resignation effective May 15, 1965. D'ALQUEN, RICHARD J. E., Fellow in German — resignation effective June 16, 1965. DOLAN, THOMAS J., JR., National Aeronautics and Space Administration Fellow (Trainee) in Nuclear Engineering — resignation effective June 1, 1965.

DRYSDALE, WILLIAM H., National Aeronautics and Space Administration Fellow Trainee in Aeronautical and Astronautical Engineering-resignation effective June 1, 1965.

EL-RIFI, KAMAL, Instructor in Surgery, College of Medicine - resignation effec-

tive June 16, 1965. ENATA, ELOISE C., Instructor in English, Summer Session of 1965 — resignation effective June 21, 1965.

EPLEY, TROYL D., Monsanto Chemical Corporation Fellow in Chemistry-resignation effective June 16, 1965. FORD, ROBERT M., III, Assistant Professor of Architecture, Summer Session of

1965 — resignation effective June 21, 1965. HAUER, WILLIAM R., Fellow in English — resignation effective June 16, 1965.

HERRIN, MORELAND, Professor of Civil Engineering, Summer Session of 1965resignation effective June 21, 1965.

HUANG, YEN C., Research Associate in Metallurgy - resignation effective July 1. 1965.

IVERSEN, AUDREY, Classics Librarian with rank of Instructor — resignation effec-tive September 1, 1965.

KLOCK, PAUL W., Assistant Professor of Electrical Engineering, Summer Session of 1965 - declination effective June 21, 1965.

KOCH, GERDA, Instructor in Physical Education for Women - resignation effective September 1, 1965.

LANGER, ALVIN, Clinical Assistant Professor of Obstetrics and Gynecology --- termination effective April 15, 1965.

LUESCHEN, WILLIAM, Hackett Fellow in Agronomy-resignation effective June 16, 1965.

METCALF, LAWRENCE, Professor of Secondary and Continuing Education, ½ time, and in the Department of History and Philosophy of Education, ½ time, Summer Session of 1965 — declination effective June 21, 1965.

MUSLINER, WALTER J., Fellow in Chemistry – resignation effective May 1, 1965. MYERS, SHARON L., Fellow in Education – resignation effective June 16, 1965. PLUMLEE, HUBERT R., Research Associate in the State Water Survey and in the

Graduate College - resignation effective May 1, 1965.

RAYL, MARTIN, Fellow in Physics — resignation effective June 16, 1965. RICE, SHEILA D., Instructor in Physical Education for Women — resignation effective September 1, 1965.

RILEY, HELEN J., Instructor in Physical Education for Women-resignation effective September 1, 1965.

RUTTER, WILLIAM J., Professor of Biochemistry — resignation effective September 1, 1965.

SCHRAGE, SAMUEL, Associate Professor of Chemistry, Chicago Circle, Summer Session of 1965 - declination effective June 25, 1965.

SHIRELY, LELAND K., Assistant Professor of Theoretical and Applied Mechanics. Summer Session of 1965 - resignation effective June 21, 1965.

SIESS, CHESTER P., Professor of Civil Engineering, Summer Session of 1965-resignation effective June 21, 1965. SMITH, ROZELLA B., Acquisitions Assistant in the Library — resignation effective

June 16, 1965.

SPRENKLE, CASE M., Associate Professor of Economics, Summer Session of 1965 - declination effective June 21, 1965.

SPRUDZS, ADOLFS, Law Library Assistant with rank of Assistant Professorresignation effective September 1, 1965.

TUCKWOOD, DWIGHT O., Undergraduate Librarian with rank of Instructor-resignation effective September 1, 1965.

WISER, NATHAN, Research Associate in Physics - resignation effective July 1, 1965.

WOLLMAN, JACK B., Fellow in Accountancy - resignation effective June 16, 1965.

LEAVES OF ABSENCE

GURFINKEL, GERMAN R., Instructor in Civil Engineering, in the Engineering Ex-periment Station — leave of absence, without pay, for the academic year beginning September 1, 1964, for purposes of graduate study under a Danforth

Teacher Grant. HAY, PETER H., Associate Professor of Law — leave of absence, without pay, Semester II, 1965-66, so that he may accept an invitation to teach at Stanford University Law School from March 1 through May 14, 1966, and at the University of Freiburg, Germany, to give a course of lectures from May 16 through July 15, 1966.

- through July 15, 1900.
 LAFAVE, WAYNE R., Associate Professor of Law leave of absence, without pay, Semester II, 1965-66, so that he may accept an invitation to teach at the College of Law, University of Michigan.
 LINSKY, LEONARD, Professor of Philosophy leave of absence, without pay, for three months, October 1 through December 31, 1965, so that he may accept an appointment as Visiting Professor of Philosophy at the University of Chicago during the first quarter of the academic year 1965-66.
- PHILLIPS, JOSEPH D., Research Professor in the Bureau of Economic and Business Research, College of Commerce and Business Administration - leave of absence, without pay, June 15 through July 31, 1965, so that he may accept a professional assignment for the Government of Venezuela.
- SAMPSON, JOAN M., Champaign County Home Adviser, in the Cooperative Exten-sion Service in Agriculture and Home Economics extension of her leave of absence, without pay, for three months from May 1, 1965, so that the total period of such leave will be from February 1 to August 1, 1965.

PETITION FOR ADMISSION TO THE COLLEGE OF MEDICINE

President Clement presented a petition addressed to "President David Henry and the Trustees of the University of Illinois," submitted in behalf of an applicant for admission as an upperclassman at the University of Illinois College of Medicine, which application has been declined by University admissions authorities. The petitioners ask for a review of the application and a hearing by the Board.

With the approval of the Board, this petition was referred to the Committee on the Chicago Departments for the purpose of granting the petitioners a hearing to determine whether the administrative action taken on the application for admission should be reconsidered, and to advise the Board on the matter. The Secretary was instructed to arrange for the hearing.

RECESS AND EXECUTIVE SESSION

President Clement announced that an executive session has been requested and is being ordered for property acquisitions and that this session would be held after the luncheon recess.

On motion of Mr. Swain, the Board recessed.

During the recess, and following the luncheon, the Trustees and other University officers visited the University Press building to inspect the new facilities.

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

The Board considered the following items of business.

REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report:

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 Room 1600, First National Bank Building, 38 South Dearborn Street, Chicago, Illinois, on Tuesday, April 6. 1965, beginning at 11:30 a.m. The following members of the Executive Committee were present: Mr. Wayne A. Johnston and Mrs. Frances B. Watkins. Al_{so} present were Mr. H. O. Farber, Vice-President and Comptroller, and Mr. James J. Costello, Legal Counsel.

Mr. Johnston acted as Chairman and stated that an executive session had been requested and was being ordered for consideration of recommendations

relating to property acquisitions. On motion of Mrs. Watkins, the Committee recessed and immediately re-convened in executive session with the same members and other University personnel present as are recorded at the beginning of these minutes.

Mr. Johnston stated that by action of the Board of Trustees on March 12, 1965, the Board of Trustees, pursuant to Article 4, Section 3 of the By-Laws, authorized the Executive Committee to act on any matters relating to the settlement of pending condemnation proceedings. The Committee then considered the following recommendation presented on behalf of the President of the University.

Settlement of Condemnation Suit

Pre-trial depositions have been taken in Case No. 64 L 684 (The Board of Trustees of the University of Illinois v. Raymond Timpone et al.) for the condemnation of the property located at 1118-1120 West Oregon Street and 608 South Goodwin Avenue, Urbana, Illinois, as a part of the site for the Krannert Center for Performing Arts. The depositions have developed facts relating to the value of the property not heretofore available to the University, including information concerning a contract of sale of the property in April of 1964, as set forth in a memorandum from the Legal Counsel presented herewith for filing with the records of the Secretary of the Board of Trustees.

The Vice-President and Comptroller, the Director of the Physical Plant, and the Legal Counsel recommend that authorization be given to settle the litigation and acquire the property at a price not to exceed \$115,000.

The President of the University concurs. On motion of Mrs. Watkins this recommendation was approved by the fol-lowing vote: Aye, Mr. Johnston, Mrs. Watkins; no, none; absent, Mr. Clement. The business of the meeting having been concluded, on motion of Mrs. Wat-

kins the Committee adjourned. JAMES J. COSTELLO

Executive Committee FRANCES B. WATKINS WAYNE A. JOHNSTON, Chairman

PURCHASE OF PROPERTY AT 901 AND 903 WEST CALIFORNIA AVENUE, URBANA, ILLINOIS

(33) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the properties at 901 and 903 West California Avenue, Urbana, Illinois, at a price of \$47,000, and lease them to the University of Illinois at a rental rate adequate to pay the interest on a bank loan to the Foundation to finance the purchase until the University has funds for their acquisition. These properties are required for future campus expansion east of the Krannert Center for the Performing Arts.

The properties consist of a corner lot 821/2 feet by 100 feet, improved with two, two-story frame dwellings.

I concur.

Clerk

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

PURCHASE OF PROPERTY AT 506 SOUTH GREGORY PLACE, URBANA, ILLINOIS

(34) The Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees request the University of Illinois Foundation to purchase the property at 506 South Gregory Place, Urbana, Illinois, at a price of \$72,000, and lease the property to the University of Illinois at a rental rate adequate to pay the interest on a bank loan to the Foundation to finance the purchase until the University has funds for its acquisition. This property is required for future campus expansion east of the Krannert Center for the Performing Arts.

The property consists of an irregularly shaped lot fronting on South Gregory Place between Illinois Street and California Avenue and is improved with a two and three-fourth story six-unit apartment building.

I concur.

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

ACQUISITION OF PROPERTY AT 1111 WEST OREGON STREET, URBANA, ILLINOIS

(35) The University has been negotiating with the owner of the property at 1111 West Oregon Street, Urbana, Illinois, which is adjacent to the site for the Krannert Center for the Performing Arts and is required as part of the site for an academic building. The property consists of a lot 65 feet by 157 feet (10,205 square feet) and is improved with a three-story and basement frame building used as apartments. The owners have been advised that a recommendation would be submitted to the Board of Trustees for the purchase of their property at a price of \$42,000, based on University appraisals, but the owners price to sell is substantially higher than University appraisals. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that authorization be given for the acquisition of the property at 1111 West Oregon Street, Urbana, Illinois, by eminent domain and condemnation proceedings, and further request authorization for the settlement of the condemnation suit, if such settlement can be effected, at a price that is within appraisals received by the University.

I concur and request the adoption of the following resolution:

Resolution Authorizing Condemnation of Property at 1111 West Oregon Street, Urbana, Illinois

Be It, and It Is Hereby Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Twenty-two (22) in University Addition to the City of Urbana, situated in the City or Urbana, in the County of Champaign, and State of Illinois; commonly known as 1111 West Oregon Street, Urbana, Illinois,

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois for use as a site for an academic building of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University of Illinois to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land can not be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

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

ACQUISITION OF PROPERTY AT 1113 WEST OREGON STREET. URBANA, ILLINOIS

(36) The University has been negotiating with the owner of the property at 1113 West Oregon Street, Urbana, Illinois, which is adjacent to the site for the Krannert Center for the Performing Arts and is required as part of the site for an academic building. The property consists of a lot 65 feet by 157 feet (10,205 square feet) and is improved with a three-story and basement frame building used as apartments. The owners have been advised that a recommendation would be submitted to the Board of Trustees for the purchase of their property at a price of \$61,100, based on University appraisals, but this price is not acceptable to them. Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that authorization be given for the acquisition of the property at 1113 West Oregon Street, Urbana, Illinois, through condemnation proceedings; and further request authorization of settlement of the condemna-

tion suit if such settlement can be effected at a price that is within the appraisals received by the University.

I concur and request the adoption of the following resolution:

Resolution Authorizing Condemnation of Property at 1113 West Oregon Street, Urbana, Illinois

Be It, and It Is Hereby Resolved, Found and Declared by The Board of Trustees of the University of Illinois, a body corporate and politic and a public corporation of the State of Illinois, that the following described real estate situated in the County of Champaign, in the State of Illinois, to-wit:

Lot Twenty-one (21) in University Addition to the City of Urbana, situated in the City of Urbana, in the County of Champaign, and State of Illinois; commonly known as 1113 West Oregon Street, Urbana, Illinois,

is needed by the University of Illinois, an educational institution established and supported by the State of Illinois for use as a site for an academic building of the University of Illinois and for other educational purposes conducted and to be conducted by said University of Illinois and for the further expansion of the educational facilities of said University of Illinois and to enable said University to discharge its duty to the people of said State and for public use, that funds are available to the University for the purchase of said land for said educational purposes; that this Board of Trustees has negotiated with the owners of said land through their duly authorized representatives for the purchase of said land at a price which this Board of Trustees considers fair and reasonable and which it finds constitutes the present market value of said land, but that said owner has refused to sell and convey said land, or any portion thereof, to said The Board of Trustees of the University of Illinois for such price and continues to refuse to sell and convey the same to it except for a consideration and price which this Board of Trustees deems unreasonable and excessive and is, therefore, unwilling and has refused to pay; and

Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that the compensation to be paid by it for said land cannot be agreed upon between this Board of Trustees and the owners of said property and they and it are unable to agree upon the purchase price to be paid to said owners for the sale and conveyance of said land by said owners thereof to said The Board of Trustees of the University of Illinois; and

Therefore, Be It, and It Is Hereby Further Resolved, Found and Declared by The Board of Trustees of the University of Illinois that because of said need of the University of Illinois for said land for the purposes hereinabove set forth and because the compensation to be paid to the owners thereof for such land cannot be agreed upon between them and this Board of Trustees, it is necessary for The Board of Trustees of the University of Illinois to take said land and acquire title thereto through the exercise by it of the right of eminent domain conferred upon it by law and to have the compensation to be paid by it to the owners thereof and any and all other persons who may have any right, title or interest in and to said land determined in the manner provided by law for the exercise of said right and power of eminent domain; and

Be It, and It Is Hereby Further Resolved by The Board of Trustees of the University of Illinois that the necessary and appropriate action be taken for the acquisition of title to said property by said The Board of Trustees of the University of Illinois and to have the compensation to be paid therefor determined by the institution and prosecution to completion of a proceeding in eminent domain in a court of competent jurisdiction and that the Legal Counsel of the University be, and he is hereby, authorized to proceed accordingly, to institute and prosecute an eminent domain proceeding in the name and on behalf of The Board of Trustees of the University of Illinois for the acquisition of said land and the determination of the compensation to be paid by it therefor, and to employ such special legal counsel, appraisers, and others as he may deem necessary or desirable to assist him in the institution and prosecution of said proceeding.

BOARD OF TRUSTEES

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

On motion of Mr. Hughes, the Board adjourned.

A. J. JANATA Secretary HOWARD W. CLEMENT President

672