

**MEETING OF THE BOARD OF TRUSTEES**  
**OF THE**  
**UNIVERSITY OF ILLINOIS**

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**May 15, 1963**



The May meeting of the Board of Trustees of the University of Illinois was held in Chicago, Illinois, on Wednesday, May 15, 1963, in two sessions: in the Chicago Illini Union Building at the Medical Center, beginning at 11:00 a.m.; and in the LaSalle Hotel, beginning at 7:30 p.m. The evening session was scheduled for the award of contracts for the construction of Congress Circle and was held in the LaSalle Hotel for the convenience of the public and particularly representatives of contractors and others interested in the Congress Circle projects.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Ray Page, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Wayne A. Johnston and Governor Otto Kerner were absent. Mr. Johnston joined the meeting for the evening session and Mr. Page asked to be excused following the recess at the conclusion of the forenoon session.

Also present were President David D. Henry, Executive Vice-President and Provost Lyle H. Lanier, Vice-President Norman A. Parker of the Chicago Undergraduate Division, Vice-President Joseph S. Begando of the University of Illinois at the Medical Center, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. Donald C. Neville and Mr. Edward S. Sefcik, Assistants to the Director of the Physical Plant; and the officers of the Board, Mr. R. R. Manchester, Treasurer, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY  
The Board took up consideration of the following reports and recommendations from the President of the University.

#### PRESIDENT'S REPORT

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

#### AWARD OF CERTIFIED PUBLIC ACCOUNTANT CERTIFICATES

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

<i>Name</i>	<i>Address</i>	<i>State from Which They Obtained Certificates</i>
JAMES ANDREW BARBER	Hazel Crest, Illinois	New York
CECIL JOHN McDOWELL	Creve Coeur, Missouri	California

I concur.

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

#### ADVISORY COMMITTEE FOR THE COLLEGE OF VETERINARY MEDICINE

(2) The Dean of the College of Veterinary Medicine recommends the following appointment and reappointments to the Advisory Committee for the College of Veterinary Medicine for terms ending August 31, 1965:

WILLIAM J. KUHFUSS, President, Illinois Agricultural Association, Bloomington (new)  
DONALD I. DEAN, Route 3, Champaign (reappointment)  
A. B. McCONNELL, Woodstock (reappointment)

I concur.

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

#### APPOINTMENTS TO THE UNIVERSITY OF ILLINOIS CITIZENS COMMITTEE

(3) I submit the following nominations for appointments to the University of Illinois Citizens Committee for a period of three years beginning January 1, 1963.

HERBERT P. BICKNELL Farmer Lovington, Illinois	MARVIN CHANDLER President, Northern Illinois Gas Company 50 Fox Street Aurora, Illinois
JAMES BROWN IV Executive Director, Chicago Community Trust 10 South LaSalle Street Room 1340 Chicago 3, Illinois	MRS. SHERRET S. CHASE Homemaker 612 South Main Street Sycamore, Illinois
FRANCIS A. BOYLE Farmer McNabb, Illinois	CHARLES S. CRAIGMILE President, Belden Manufacturing Company 415 South Kilpatrick Avenue Chicago 44, Illinois
AVERY BRUNDAGE Executive 10 North LaSalle Street Chicago 2, Illinois	PERCY L. JULIAN President, The Julian Laboratories, Inc. 9352-58 West Grand Avenue Franklin Park, Illinois
M. WENDELL CARLTON, D.D.S. Dentist McLeansboro, Illinois	

J. L. PALMER  
President, Marshall Field and Company  
25 East Washington Street  
Chicago 2, Illinois

JAMES B. PARSONS  
District Judge, United States District  
Court for the Northern District of  
Illinois  
219 South Clark  
Chicago 4, Illinois

GEORGE RUSSELL SCHWARZ  
Attorney  
103 North State Street  
Jerseyville, Illinois

JAMES G. THOMAS  
Attorney  
501 First National Bank Building  
Champaign, Illinois

ERNEST HARPER UTTER  
County Judge, Schuyler County  
Court House  
Rushville, Illinois

ROBERT H. VORIS  
Editor, *Waterloo Republican*  
Waterloo, Illinois

SAMUEL W. WHITE, JR.  
President, Oliver Corporation  
400 West Madison Street  
Chicago 6, Illinois

On motion of Mr. Williamson, 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.

1. CLARENCE C. LEVERENZ, Director of Union and Housing, in the Physical Plant Department, Medical Center Campus, beginning May 16, 1963, at an annual salary of \$10,700 (DY).
2. ELBERT EUGENE OLIVER, Associate Dean of Admissions and Records, for two years beginning September 1, 1963, with rank of Associate Professor on indefinite tenure, at an annual salary of \$15,000 (BY, AY).
3. KAMAL NATH SHARMA, Visiting Research Assistant Professor of Psychology and of Physiology, beginning May 1, 1963, at an annual salary of \$8,940 (DY).
4. ANTONIO TOVAR, Professor of the Classics, beginning September 1, 1963, at an annual salary of \$13,500 (A).
5. HERBERT C. QUAY, Associate Professor of Psychology and Special Education, on indefinite tenure, and Research Director of the Children's Research Center, from September 1, 1963, at an annual salary of \$16,500 (AY, BY).

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

#### HEADSHIP OF THE DEPARTMENT OF MICROBIOLOGY

(5) The Dean of the College of Liberal Arts and Sciences recommends the appointment of Dr. L. Leon Campbell as Professor of Microbiology on indefinite tenure and Head of the Department of Microbiology beginning September 1, 1963, to succeed Professor Kimball C. Atwood who has asked to be relieved of his administrative responsibilities to devote full time to teaching and research. The salary of this position will be determined when the budget for 1963-64 is submitted to the Board of Trustees for approval.

This recommendation is submitted after consultation with all members of the Department of Microbiology and is supported by the Executive Committee of the School of Life Sciences, the Dean of the Graduate College, and the Executive Vice-President and Provost.

I recommend approval.

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

#### DEPARTMENT OF INDUSTRIAL ADMINISTRATION

(6) After consultation with the members of the two departments concerned, and with the concurrence of the Executive Committee of the College, the Dean of the College of Commerce and Business Administration recommends that the Department of Management and the Department of Business Law be merged into a single Department of Industrial Administration which will more nearly meet the requirements of present day education for business. The present Acting Head of the Department of Management, Professor Irvin L. Heckmann, is leaving the University to become Dean of the College of Business Administration at Creighton

University, and Professor Kenneth U. Flood, Acting Head of the Department of Business Law, has asked to be relieved of his administrative assignment to devote full time to teaching and research.

The Dean also recommends the appointment of Dr. E. Joe DeMaris, Associate Professor of Accountancy, as Head of the Department of Industrial Administration for two years from September 1, 1963. The salary of this position will be determined when the budget for 1963-64 is presented to the Board of Trustees for approval.

The Executive Vice-President and Provost and the Dean of the Graduate College concur in these proposals.

I recommend approval.

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

#### DEANSHIP OF COLLEGE OF LIBERAL ARTS AND SCIENCES CHICAGO UNDERGRADUATE DIVISION

(7) The Vice-President for the Chicago Undergraduate Division recommends the appointment of Dr. Glenn Terrell, Jr., presently Professor of Psychology and Associate Dean of Arts and Sciences at the University of Colorado, as Professor of Psychology on indefinite tenure and Dean of the College of Liberal Arts and Sciences at the Chicago Undergraduate Division for two years, beginning September 1, 1963, at an annual salary of \$21,000 on a twelve-month service basis.

This appointment is within the new organizational framework of the University of Illinois at Congress Circle as previously authorized by the Board of Trustees. The recommendation is submitted after consultation with the Academic Advisory Council at the Chicago Undergraduate Division and the Dean of the College of Liberal Arts and Sciences at Urbana, and is concurred in by the Dean of the Graduate College and the Executive Vice-President and Provost.

I recommend approval.

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

#### CERTIFICATE OF ADVANCED STUDY IN LIBRARIANSHIP

(8) The Urbana-Champaign Senate recommends authorization of a proposal from the Graduate School of Library Science approved by the Executive Committee of the Graduate College to grant a Certificate of Advanced Study in Librarianship for those persons who wish to take specialized courses in librarianship beyond the master's degree but are not seeking a doctor's degree.

The requirements are: (1) a master's degree from an accredited library school; (2) successful completion of at least two years' work in a library subsequent to receiving the master's degree; and (3) completion of eight units of graduate courses at the University of Illinois at least half of which shall be in the Graduate School of Library Science with grades meeting the Graduate College standards.

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

I concur, subject to further action by the Board of Higher Education.

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

#### SUMMER SPEECH CLINICS

(9) The Director of the Division of Services for Crippled Children and the Vice-President of the Medical Center Campus recommend, and I concur, that the Division be authorized to continue speech clinics during the summer of 1963 at the following institutions of higher education in Illinois on a reimbursable cost basis:

	<i>Estimated Cost</i>
Augustana College, Rock Island.....	\$ 9 585 00
Northern Illinois University, DeKalb.....	12 265 00
Southern Illinois University, Carbondale.....	11 215 00
Illinois State Normal University, Normal.....	11 576 66
	<b>\$44 641 66</b>
A similar clinic at the University of Illinois at Urbana.....	\$14 305 00

Funds are available in the budget of the Division of Services for Crippled Children.

On motion of Mr. Williamson, authority was given as requested.

#### UNITED STUDENT AID FUNDS, INCORPORATED

(10) United Student Aid Funds, Incorporated (USAF) is a private non-profit corporation established to assist needy students at institutions of higher education to obtain low-cost loans from local banks. It raises, holds, and invests reserve funds which are used to match institutional funds to underwrite these bank loans. Its national center endorses the loans; it serves other agencies interested in endorsing student loans, both private and public in character; and it offers consulting services at no cost to banks, foundations, and others interested in providing low-cost student loans.

Under the plan, the first \$1,000 deposited by an educational institution for this purpose is matched by USAF in an equal amount, and the total is placed in its reserve fund. Based upon this reserve of \$2,000, the sum of \$25,000 in student loans may be obtained by eligible students from local banks at a 6 per cent simple interest rate, such loans being endorsed by USAF. Deposits placed in the reserve by the educational institution in addition to the original \$1,000 may be matched in whole or in part, and the aggregate sum creates a reserve for endorsed loans of twelve and one-half times the reserve. At any time that a deposit by an educational institution is not being used for guaranteeing loans, it may be withdrawn from USAF upon thirty days' notice.

The educational institution has no responsibilities or obligations in making or collecting the loans other than to certify that the student is enrolled and is in good academic standing, and to report any change in his status. The responsibilities of making, recording, and collecting the loan are assumed by the lending bank. USAF receives grants from foundations, industrial corporations, and other sources, which make it possible to match contributions by educational institutions in whole or in part. At the present time USAF has several hundred thousand dollars which have been earmarked for this purpose. All contributions by educational institutions in excess of the basic \$1,000 (which is matched dollar for dollar) will be matched to some degree if made prior to May 31, 1963. USAF advises that the Illinois Bankers Association has indicated that it will recommend to its member banks that they participate in this program.

It is proposed that on a trial basis an initial deposit of \$2,000 be made, which, if matched dollar for dollar, would make possible the endorsement of loans totaling \$50,000. The University of Illinois has no funds which it may use for this purpose. However, the Board of Directors of the University of Illinois Foundation has allocated \$2,000 from uncommitted gifts for this purpose, and the allocation may be increased to \$5,000 or more if the program works out satisfactorily. It will make available very substantial sums for student loans under conditions which can not be met by funds presently available to the University of Illinois or the University Foundation.

The University must, however, be a party to setting up this program of student loans, and it is recommended that the Board of Trustees authorize execution of a contract with United Student Aid Funds, Incorporated, to deposit up to \$5,000 of funds allocated by the University of Illinois Foundation for this purpose.

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

#### APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(11) The Committee on Nonrecurring Appropriations recommends the following appropriations and assignments of funds from the University General Reserve:

##### *Urbana-Champaign*

1. College of Engineering
 

Department of Theoretical and Applied Mechanics, facilities and equipment .....	\$ 7 300 00
Department of Civil Engineering, equipment .....	5 100 00
2. College of Liberal Arts and Sciences
 

Department of Zoology, teaching materials .....	6 000 00
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3. Library, library additions .....

26 000 00

4. Physical Plant Department	
Remodeling in Animal Science Laboratory for Department of Dairy Science .....	3 400 00
Installing electrical service in Old Agronomy Storehouse for Department of Forestry .....	3 480 00
Installing water lines to Machine Shed for Department of Plant Pathology .....	7 000 00
Remodeling and air conditioning in Lincoln Hall for Bureau of Educational Research .....	12 240 00
Installing air conditioners in offices in Gregory Hall for College of Education .....	3 330 00
Remodeling in Central Receiving buildings for Department of Civil Engineering .....	6 590 00
Constructing a sidewalk in front of Women's Gymnasium .....	4 000 00
Remodeling offices and laboratories in Natural History Building ....	20 240 00

*Chicago Undergraduate Division*

5. College of Engineering	
Department of Physics, equipment (matching funds for Atomic Energy Commission grant) .....	6 000 00

*Medical Center*

6. College of Pharmacy	
Department of Chemistry, equipment .....	6 237 80
7. Research and Educational Hospitals	
Operating Rooms, equipment .....	4 250 00
Department of Radiology, equipment .....	18 000 00
To supplement operating budget for 1961-62 .....	103 000 00
<i>Total, University General Reserve</i> .....	(242 167 80)

The Committee on Nonrecurring Appropriations also recommends the following assignments of funds for the Medical Center from Indirect Costs, General:

8. Medical Research Laboratory, animal cages and equipment .....	100 000 00
<i>Grand Total</i> .....	\$342 167 80

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

**CONTRACTS FOR CONSTRUCTION OF THE SOUTH ADDITION  
TO THE ADMINISTRATION BUILDING**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for construction of a south addition to the Administration Building, the award in each case being to the lowest bidder:

General — Kuhne-Simmons Co., Inc., Champaign .....	\$1 032 095
Base bid .....	\$1 024 900
Additive alternates	
Service charge for supervision of other contracts assigned to this contractor .....	13 336
Installing acoustical ceilings in classrooms .....	747
Installing venetian blinds .....	2 018
Deductive alternates	
Omitting metal lath .....	— 8 906
Omitting "critical-path method" of scheduling for job control .....	No change
Electrical — Square Deal Electrical Contracting, Inc., Urbana .....	121 025
Base bid .....	118 500
Additive alternate for starters for added air conditioning .....	2 525
Plumbing — F. R. Inskip, an individual doing business as F. R. Inskip and Company, Champaign .....	69 972

Heating and Air Conditioning — Bellis and Miller, Inc.,		
Champaign .....		195 628
Base bid .....	153 761	
Additive alternate for added refrigeration machine....	41 867	
Ventilating and Sheet Metal—Petry Roofing and Sheet		
Metal Company, Champaign.....		102 300
Total .....		\$1 521 020

It is also recommended that all contracts other than the general contract be assigned to the contractor for general work making the total of his contract \$1,521,020; and it is further recommended that an agreement be entered into with Kuhne-Simmons Company, Inc., for the assignment of these other contracts for \$13,336, which amount is included in the contract price, being the amount bid by the Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release by the Governor.

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

I concur.

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

#### CONTRACTS FOR CONSTRUCTION OF THE FIRST ADDITION TO THE UNIVERSITY PRESS BUILDING

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for construction of the first addition to the University Press Building on Gregory Drive, Champaign, the award in each case being to the lowest bidder:

General—English Brothers Company, Champaign, Illinois.....		\$300 680
Base bid .....		\$294 980
Additive alternate for service charge for supervision of other contracts .....	8 600	
Deductive alternate for omitting acoustical ceiling treatment —	2 900	
Electrical—G. L. Wilsky, an individual doing business as		
Downtown Electric, Urbana, Illinois.....		74 575
Plumbing—David William Reichard and David Warren Reichard, a partnership doing business as David W. Reichard Plumbing and		
Heating, Urbana, Illinois.....		29 500
Heating—Reliable Plumbing and Heating Company, Champaign, Illinois		112 539
Ventilating—Reliable Plumbing and Heating Company, Champaign, Illinois.....		70 490
Total .....		\$587 784

It is also recommended that a combined contract be awarded to Reliable Plumbing and Heating Company in the amount of \$183,029, being the total of the amounts bid by that Company on the heating and ventilating work.

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 \$587,784; and that an agreement be entered into with the English Brothers Company for the assignment of these other contracts for \$8,600, which amount is included in the contract price, being the amount bid by the Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release by the Governor.

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

I concur.

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

**CONTRACTS FOR AIR CONDITIONING STUDENT RESIDENCE HALL  
AT THE MEDICAL CENTER**

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend awards of contracts for air conditioning the offices, lounge, dining room, and kitchen areas in the Medical Center Student Residence Hall, the award in each case being to the lowest bidder:

Heating, Refrigeration, and Temperature Controls — National Korectaire Company, Chicago .....			\$51 505
Base bid .....			\$39 674
Additive alternates			
Service charge for supervision of other contracts assigned to this contractor .....			1 231
Supplement cooling capacity in dining room area .....			4 472
Air conditioning offices, Rooms 216, 216A, and 217 .....			2 669
Supplement cooling capacity for lounge and recreation room .....			3 459
Ventilation — Narowetz Heating and Ventilating Company, Chicago .....			10 970
Base bid .....			9 700
Additive alternates			
Air conditioning offices .....			1 100
Supplement cooling capacity for lounge and recreation room .....			170
Plumbing — Fettes, Love, and Sieben, Inc., Chicago .....			913
Electrical — Midwest Interstate Electrical Construction Co., Chicago .....			7 372
Base bid .....			6 768
Additive alternates			
Supplement cooling capacity in dining room area .....			144
Air conditioning offices .....			175
Supplement cooling capacity for lounge and recreation room .....			285
General — Mutual Contracting Company, Chicago .....			10 561
Base bid .....			5 883
Additive alternates			
Supplement cooling capacity in dining room area .....			446
Air conditioning offices .....			2 125
Supplement cooling capacity for lounge and recreation room .....			2 107
<b>Total .....</b>			<b>\$81 321</b>

The work will include furnishing and installation of equipment and supply systems to air condition the lounge, dining room, recreation room, offices, and kitchen areas.

It is further recommended that all contracts other than the contract for heating, refrigeration, and temperature controls be assigned to the contractor for that work, making the total of his contract price \$81,321; and that an agreement be entered into with the National Korectaire Company for the assignment of these other contracts for \$1,231, which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the contractor for heating, refrigeration, and temperature controls.

Funds are available in the Operation and Maintenance account of the University of Illinois Colleges of Dentistry, Medicine, and Pharmacy Revenue Bonds, Series of 1951, which were issued to finance Chicago housing projects and remodeling of the second unit of the Dentistry-Medicine-Pharmacy Building.

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

I concur.



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

**LEASE WITH CHICAGO CHAPTER, AMERICAN RED CROSS, FOR DIVISION OF SERVICES FOR CRIPPLED CHILDREN, CHICAGO OFFICE**

(15) The Chicago Office of the Division of Services for Crippled Children has occupied 4,700 square feet of space in the State of Illinois Building at 160 North LaSalle Street, Chicago, Illinois, since July 1, 1951. Due to additional space needs of the State Department of Finance, the Division has been requested to vacate the building. Sufficient space is not available in University facilities, so it is necessary to lease in a commercial building.

Suitable space consisting of 4,800 square feet has been located in the building of the Chicago Chapter, American Red Cross, at 43 East Ohio Street, Chicago, Illinois. The lessor agrees to pay for the necessary remodeling and to furnish heat, water, air conditioning, decorating, and janitor service for a rental charge of \$4.25 per square foot per year, or an annual charge of \$20,400. This rate is reasonable considering the location and standard of quality of the quarters.

For the period July 1, 1951, through June 30, 1955, the Division made a rental payment to the state of Illinois of \$12,900 per year. Subsequently, the state appropriations to the Division for contractual services were decreased by that amount and the Division has occupied the space rent free.

The Director of the Division of Services for Crippled Children, the Vice-President at the Medical Center, and the Vice-President and Comptroller recommend authorization of a lease with the Chicago Chapter, American Red Cross, for space at an annual rental of \$20,400 for the period July 1, 1963, through June 30, 1965, with the option to renew for two successive two-year periods from July 1, 1965, to June 30, 1969; with the lessor having the right to increase rent for the period July 1, 1967, to June 30, 1969, if the operating expenses of the building should increase, such increase in rent to be limited to 4.8 per cent of the total increase in operating costs of the building.

I concur.

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

**ANNEXATION OF LAND BY THE URBANA AND CHAMPAIGN  
SANITARY DISTRICT**

(16) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of annexation of the following described area of University property by the Urbana and Champaign Sanitary District:

The South 264 feet of the area bounded by Florida Avenue, First Street, St. Mary's Road, and the Illinois Central Railroad;  
All University-owned land between First Street and the Illinois Central Railroad, south of St. Mary's Road and north of the south line of Section 24 R8E (Shapland Road extended).

The area to be annexed includes the site of the proposed Firemanship Training College and the Mental Health Center. The University is requesting legislation to transfer the Mental Health Center site to the State Department of Mental Health, which concurs in the proposed annexation. Annexation is necessary to provide for the treatment of sewage from these sources. A plat of the area including the legal description is being filed with the Secretary of the Board for record as part of this recommendation.

I recommend that the Secretary and the Comptroller be authorized to execute the petition and any other documents necessary to effect the annexation, subject to approval of the Legal Counsel.

On motion of Mr. Swain, this annexation was approved by the fol-

lowing vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Page, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner.

#### EMPLOYMENT OF ARCHITECTS AND ENGINEERS

(17) The Director of the Physical Plant and the Vice-President and Comptroller recommend employment of architectural and engineering firms for the projects and on the terms as indicated below.

Berger-Kelley-Unteed and Associates, Champaign, Illinois, on Mathematics Office Building, at a fee of 6 per cent of the amount of the construction contracts, work to include preliminary planning, working drawings, specifications, and supervision of construction.

Frazier, Raftery, Orr, and Fairbank, Geneva, Illinois, on restoration of Hull House Mansion and Dining Room, at a fee of actual cost of authorized renderings and actual cost of professional personnel employed on a time card basis, plus 150 per cent of time card representing overhead and commission, work to include development of exploratory designs and renderings, working drawings, specifications, and supervision of construction. The University will have the right to limit the work to development of exploratory designs and renderings at a cost not to exceed \$1,500.

Waldron Associates, Inc., Haddonfield, New Jersey, on critical path scheduling services for Congress Circle Campus, at fees as follows:

Conducting a three-day contractor-University workshop, \$1,800.

Consulting services at a per diem of \$200, plus travel costs to develop a skeleton network, a multiproject control system and integration with monthly progress reports and accounting payments, a transfer network (moving of equipment, library, etc., to new facilities), and updating for two monthly periods.

Funds are available in the state capital appropriations to the University from the Universities Building Fund, subject to release by the Governor on the two Congress Circle projects; funds for the Mathematics Office Building have already been released.

I concur.

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

#### CONTRACT FOR MECHANICAL AND ELECTRICAL ENGINEERING SERVICES

(18) By authority of the Board, the consulting engineering firm of Brown, Manthei, Davis, and Mullins, Champaign, has been employed by the University for incidental mechanical and electrical engineering services to the Physical Plant Department in planning new construction and remodeling work on a standing contract through which change orders have been issued for specific assignments, mostly small jobs best handled by a local firm.

The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a new contract with Brown, Manthei, Davis, and Mullins for consulting services for a period of two years beginning July 1, 1963, on the same terms and conditions as in previous contracts: a rate of \$7.50 per hour for the time of the four partners, services of other personnel to be billed at actual hourly standard rates paid by the firm, plus 100 per cent for overhead costs and commission.

The cost of this consulting service will be charged against construction budgets of projects for which the firm is employed.

I concur.

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

#### PURCHASES

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

The recommendations are presented in two categories: purchases from

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

*Purchases from Appropriated Funds*

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 270,700 sheets and 58 rolls of Eastman, Ansco, and du Pont medical x-ray film to be used at the Medical Center and Urbana campuses during the year beginning July 1, 1963, through June 30, 1964, subject to renewal for one year by mutual agreement (Note: This purchase will be made from both Appropriated Funds, \$93,464.69, and Institutional Funds, \$17,767.94, for a total of \$111,232.63.)	Medical Center	John V. Doehren Co., Chicago Eastman and du Pont Moss X-Ray & Medical Equipment Co., Chicago Anasco	\$82 086 39  29 146 24 delivered
Approximately 385 cylinders of anesthetic gases to be used by various departments at the Medical Center during the year beginning July 1, 1963, through June 30, 1964, subject to renewal for one year by mutual agreement	Medical Center	Air Products & Chemicals, Inc., Forest Park	5 188 50 delivered
Approximately 4,200,000 cubic feet of bulk oxygen to be used in the Research and Educational Hospitals from July 1, 1963, through June 30, 1965	Medical Center	National Cylinder Gas Division of Chemetron Corp., Cicero	14 490 00 delivered
Approximately 100,000 pounds cut dry ice and 150 fifty-pound cylinders carbon dioxide to be used at the Medical Center during the year beginning July 1, 1963, through June 30, 1964, subject to renewal for one year by mutual agreement	Medical Center	Liquid Carbonic, Division of General Dynamics, Chicago	5 150 00 delivered
One 9 in. image amplifier with cine and television attachments	Pediatrics	Picker X-Ray Corp., Chicago	46 000 00 delivered
Approximately 1,600 millicuries radioactive isotopes to be used by the Isotope Laboratory for the period from July 1, 1963, through June 30, 1964	Radiology	E. R. Squibb & Sons, Division of Olin Mathieson Chemical Corp., Franklin Park	7 428 80 delivered
Window-washing service between July 1, 1963, and June 30, 1964, as follows: two washings for the Research and Educational Hospitals and Neuropsychiatric Institute, and three washings for the staff apartment building	Physical Plant Department, Medical Center	Alex Wasleff Building Maintenance Co., Chicago	2 616 00
Laundrying service of approximately 90,000 pounds of 8 oz. bath towels, during the period of July 1, 1963, through June 30, 1965, for the Department of Physical Education at the Chicago Undergraduate Division	Physical Education, Chicago Undergraduate Division	Bissell Laundry, Inc., Chicago	5 400 00
Removal of rubbish, building debris, from the University of Illinois Navy Pier for the period July 1, 1963, through June 30, 1965	Physical Plant Department, Chicago Undergraduate Division	Anchor Scavenger Service, Berwyn	2 900 00
Continuous cloth towel service of approximately 42,000 rolls as needed during the period of July 1, 1963, through June 30, 1965, at the Medical Center and the Chicago Undergraduate Division	Chicago Colleges and Divisions	American Linen Supply Co., Chicago	21 000 00
One gas chromatograph with automatic attenuator, recorder, ionization attachment, and fraction collector for use in analysis of fats, tissue lipids, and derivatives of fatty materials in the Burnside Research Laboratory	Animal Science	F & M Scientific Corp., Avondale, Pa.	6 111 00 f.o.b. delivered
One centrifuge, automatic, refrigerated, with two large capacity rotors to be used in a teaching laboratory for work with enzymes and cellular fractionation	Chemistry and Chemical Engineering	Ivan Sorvall, Inc., Norwalk, Conn.	2 885 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One painting entitled "General Studies," by Stuart Davis, selected from the 1963 Festival of Arts Contemporary American Painting and Sculpture exhibition	College of Fine and Applied Arts	The Downtown Gallery, Inc., New York, N.Y.	\$ 8 000 00 f.o.b. delivered
One painting entitled "Paris Roofs," by Loren MacIver, selected from the 1963 Festival of Arts Contemporary American Painting and Sculpture exhibition	College of Fine and Applied Arts	Pierre Matisse Gallery Corp., New York, N.Y.	7 600 00 f.o.b. delivered
One language laboratory, thirty-two student positions, all positions audio, active compare, and including one year full-service contract	Language Laboratory	Carroll Seating Co., Chicago	14 300 00 f.o.b. delivered and installed
One transistorized pulse-height analyzer system consisting of a basic 400-channel analyzer, one paper tape printer with built-in 750 to 1200 volt high voltage power supply and rack mount adapters for the above (Note: This purchase will be made from both Appropriated Funds, \$7,075.00, and Institutional Funds, \$3,300.00, for a total of \$10,375.00.)	Physics-Betatron	Technical Measurements Corp., Chicago	7 075 00 f.o.b. delivered
Nine issues <i>Illinois Alumni News</i> , approximately 32,000 copies per issue, sixteen 11 in. by 17 in. pages per copy, June, July, October, November, December, 1963, and February, March, April, June, 1964	Alumni Association	E. W. Petty Co., Effingham	26 442 56 f.o.b. delivered
Three issues <i>Illinois Alumni News</i> , approximately 90,000 copies per issue, eight 11 in. by 17 in. pages per copy, spring and fall, 1963, and spring, 1964			
Print and bind 1,500 copies of <i>Symbolic Crusade</i> , by Joseph C. Gusfield, trim size 6 in. by 9 in., approximately 208 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	2 852 32 f.o.b. delivered
Print and bind 1,500 copies of <i>The Origins of Teapot Dome, Progressives, Parties, and Petroleum, 1909-21</i> , by J. Leonard Bates, trim size 6 in. by 9 in., approximately 328 pages per copy	University Press	Vail-Ballou, Inc., New York, N.Y.	4 046 26 f.o.b. delivered
69,500 (approximately) prints, photo, glossy, clear and legible, 2½ in. by 3½ in., of student I.D. cards for school year 1963-64	Security Office	Pâles Camera Shop, Inc., Decatur	2 618 07 f.o.b. delivered
Furnish and install 446 fixed pedestal chairs with tablet arms in sixteen classrooms in Physics Building, Stage II	Physical Plant Department, Architectural Division	Blackwell Wielandy Co., St. Louis, Mo.	8 334 50 f.o.b. delivered and installed
Mowing equipment consisting of the following: One tractor, gas operated One cutterbar mower, side mounted One rotary cutter Less trade-in of one tractor, 1946, complete with cutterbar, to be used at the University of Illinois-Willard Airport, Savoy	Institute of Aviation	R. W. Riegel, Tolono	4 230 00 f.o.b. delivered

#### *Purchases from Institutional Funds*

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 218,000 sterile disposable hypodermic needles in assorted sizes to be used during the period from July 1, 1963, through June 30, 1964, subject to renewal for one year by mutual agreement	Medical Center Stores	American Hospital Supply Corp., Evanston	\$ 8 365 52 delivered
One lot of laboratory equipment and supplies consisting of three microscopes and accessories, one microscope body, 150 ounces microscope cover glasses, six pipet jars, fifty gross microscope slides, six stop watches, and 1,494 bottles reagent chemicals	Medical Center Stores	Aloe Scientific, Schiller Park	4 294 70 delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Approximately 3,600 pints whole human blood (Rh positive and Rh negative), 400 pints heparinized blood, and 350 pints ACD siliconized blood, to be supplied as needed by the Research and Educational Hospitals for the period from July 1, 1963, through June 30, 1964, with the option to renew for one additional year by mutual agreement	Blood Bank, Chicago	Interstate Blood Bank, Inc., Chicago Chicago Blood Donor Service, Chicago Mt. Sinai Medical Research Foundation Michael Reese Research Foundation	\$ 40 000 00 40 000 00 20 000 00 10 000 00 (110 000 00)
Three plastic inner rooms to be installed in two existing rooms in the Research and Educational Hospitals	Clinical Research Center	Standard Safety Equipment Co., Palatine	5 380 60 delivered
Porcelain denture teeth as requested by the Prosthodontics Clinic from July 1, 1963, through June 30, 1964	Prosthodontics Clinic	Harry B. Price, Inc., Chicago	3 000 00 delivered
No. 5 standard fuel oil delivered to Navy Pier as required by the Undergraduate Division Power Plant; 255,000 gallons, subject to 10 per cent increase or decrease	Physical Plant Department, Chicago Undergraduate Division	Apex Motor Fuel Co., Chicago	25 216 95 total estimated expenditure for the maximum quantity
Eighteen recorders, automatic portable liquid level, curvilinear type with fully jeweled clocks, six-inch floats, counterweights, thirty-foot perforated tapes, to comply with federal specifications	Agricultural Engineering	Belfort Instrument Co., Baltimore, Md.	5 166 00 f.o.b. delivered
One nuclear system for automatically assaying radioactive samples with a thin end window geiger tube, scintillation counter and windowless flow counter, complete with cables to operate with a scaling instrument	Agronomy	Nuclear Chicago Corp., Des Plaines	3 640 83 f.o.b. delivered
One microscope stand with slideways for nosepieces, collector tube, lamp socket, diaphragm insert and accessories, including an apochromatic and planapochmat lens	Animal Science	W. H. Kessel & Co., Chicago	2 815 30 f.o.b. delivered
Twenty-five farrowing units, each unit to consist of one 6 ft. by 8 ft. house, one 6 ft. by 6 ft. outside pen with a special hardwood floor, watering trough, and sanitary trough, and one feeder	Animal Science	Marting Manufacturing Co., Washington Court House, Ohio	3 218 75 f.o.b. delivered
Twenty feeding units, each unit special, seven-stall, for limiting sow rations, size 12 ft. long by 6 ft. wide by 3 ft. 11 1/4 in. high, units to be constructed of hardwood	Animal Science	Morrow Lumber Co., Knightstown, Ind.	3 191 00 f.o.b. delivered
One frequency synthesizer (generator) with power supply and with fixed frequencies of 1 mc, 40 mc, 100 kc, 10 kc, 1 kc, and 100 c/s	Chemistry and Chemical Engineering	ITT Industrial Products Division, c/o Cossens & Cudahy, Chicago	5 645 00 f.o.b. San Fernando, Calif.
One harmonic amplifier			
One set standard accessories			
One set recommended accessories			
One oscilloscope, sampling, 10 nano-second/cm sweep time	Chemistry and Chemical Engineering	Tektronix, Inc., Park Ridge	3 644 50 f.o.b. Beaverton, Ore.
One dual trace plug-in amplifier			
One time base plug-in unit with delayed sweep 0.5 microseconds/cm to 1 second/cm			
One sampling sweep plug-in			
One dual trace plug-in			
Two probes			
One scope movable cart			
Thirty-two sense amplifiers	Digital Computer Laboratory	Hamilton Standard, Broad Brook, Conn.	2 617 60 f.o.b. destination
1500 diodes, type IN3730 (RD750)	Digital Computer Laboratory	Raytheon Co., Franklin Park	2 835 00 f.o.b. delivered
One microscope system including camera, xenon discharge lamp, equipped for vertical illumination with various lens and objective accessories for use in examination of PH junction lasers	Electrical Engineering	W. H. Kessel and Co., Chicago	6 523 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One heart-lung mechanical unit including pumps, pediatric type oxygenator, heat exchanger and filters for research and investigation of the central nervous system by the Biophysical Laboratory of the Department of Electrical Engineering	Electrical Engineering	International Medical Instrument Corp., Stoneham, Mass.	\$ 3 602 00 f.o.b. delivered
One furnace, diffusion, bench size, double shell, three circuits complete with 2¼ in. I.D. alumina liner for research work in the new Materials Research Laboratory	Electrical Engineering	Hevi-Duty Electric Co., Division of Basic Products Corp., Watertown, Wis.	3 697 00 f.o.b. delivered
One interferometer base and precision screw, including mirror carriage, case, leveling screws, telescope and assembly	Electrical Engineering	Engis Equipment Co., Chicago	3 680 00 f.o.b. delivered
One gas chromatograph, dual column, capable of independent operation at different temperatures, two temperature programmer units, two recorders and two temperature ionization detector cells, to be used on analysis of fats in the Burnside Research Laboratory	Food Technology	Barber-Colman Co., Industrial Instruments Division, Chicago	10 416 51 f.o.b. delivered
Construct 26 ft. by 30 ft. steel frame addition to existing steel frame building south of Horticulture Field Laboratory	Food Technology	Harshbarger Building & Supply Co., Urbana	6 281 19 f.o.b. delivered and erected
One anemometer, constant temperature, hot film	Mechanical and Industrial Engineering	Lintronic Laboratories, Ithaca, N.Y.	3 017 00 f.o.b. Ithaca, N.Y.
One analyzer, random signal			
One microvolt potentiometer, 0 to 111,111.0 microvolts in steps of 0.1 microvolts and 0 to 11,111.10 in steps of 0.01 microvolts, six-digit precision, thermal emfs less than 0.01 microvolt	Physics	Minneapolis-Honeywell Regulator Co., Chicago	5 430 00 f.o.b. Denver, Colo.
One photoelectric galvanometer			
One spotlight galvanometer			
One potentiometer, laboratory, high precision, capable of measurement to 0.01 microvolts in range of 0 to 0.016 volts	Physics	Minneapolis-Honeywell Regulator Co., Harvey	2 850 00 f.o.b. delivered
Print and bind 5,000 copies each of the following Illini paperback titles, trim size of all titles 5½ in. by 8 in.: <i>Life in a Mexican Village</i> , by Oscar Lewis, approximately 544 pages per copy <i>Cultural Sciences</i> , by Florian Znaniecki, approximately 448 pages per copy <i>Three Presidents and Their Books</i> , by Arthur Bestor, David C. Mearns, and Jonathan Daniels, approximately 144 pages per copy <i>The Legend of Noah</i> , by Don C. Allen, approximately 248 pages per copy <i>The Mathematical Theory of Communication</i> by Claude E. Shannon and Warren Weaver, approximately 128 pages per copy	University Press	Cushing-Malloy, Inc., Ann Arbor, Mich.	10 000 00 f.o.b. delivered
Print and bind 2,500 copies of <i>The Galvanised Yankees</i> , by D. Alexander Brown, trim size 6 in. by 9 in., approximately 264 pages per copy	University Press	Phillips Brother's, Inc., Springfield	4 140 00 f.o.b. delivered
Print and bind 2,000 copies <i>Open Door to Learning</i> , by Herman R. Allen, trim size 5½ in. by 8½ in., approximately 208 pages per copy	University Press	Pantagraph Printing & Stationery Co., Bloomington	3 065 35 f.o.b. delivered
Print and bind 1,000 copies (hardbound) and 5,000 copies (paperbound) <i>Philosophy and Ordinary Language</i> , edited by Charles E. Caton, trim size 5½ in. by 8 in., approximately 264 pages per copy	University Press	Cushing-Malloy, Inc., Ann Arbor, Mich.	2 681 00 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One mobile radio communication system, consisting of: antenna tower system, base station, five mobile units, one portable unit	Division of Rehabilitation-Education Services	General Electric Co., c/o Stewart Electronics, Champaign	\$ 3 118 11 f.o.b. delivered
26,000 test books for use in the Illinois Statewide High School Testing Program being conducted in the Office of Educational Testing	Office of Educational Testing	The Psychological Corp., New York, N.Y.	4 001 40 f.o.b. delivered
Laundry and dry cleaning for Air Force R.O.T.C. basic uniform items as follows for the period of July 1, 1963, through June 30, 1965 (total estimated quantities for the period)	Military Property Custodian	Nelson's Cleaners, Champaign	6 694 50 f.o.b. delivered
One truck, 1963 model, van type, complete with body, roll up door, and hydraulic tail gate, less trade-in of one truck, van type, 1957 model	Purchasing Office Central Receiving Station	International Harvester Co., Springfield	2 955 74 f.o.b. delivered
Miscellaneous photographic films, plates, and papers as requested by various University departments of both the Champaign-Urbana and Chicago campuses for the period of July 1, 1963, through June 30, 1965	Various Departments, Urbana and Chicago	Eastman Kodak Stores, Inc., Chicago	58 090 00 f.o.b. delivered
Paper pads, writing type, 100 sheets each, as follows: 1,500 lbs. 3 in. by 5 in. white, not ruled 2,500 lbs. 4 in. by 6 in. white, not ruled 10,000 lbs. 8½ in. by 11 in. white, not ruled 2,500 lbs. 5½ in. by 8½ in. white, not ruled 4,000 lbs. 8½ in. by 11 in. canary, not ruled 250 gross 8½ in. by 11 in. white, ruled 150 gross 8½ in. by 11 in. canary, ruled for Office Supply Storeroom stock; an estimated twelve-month supply	Office Supply Storeroom	Rockwell-Barnes Co., Elk Grove Village	11 477 27 f.o.b. delivered
14,400 rolls cellophane tape and 5,328 rolls paper masking tape to be used for stock in the Office Supply Storeroom; it is estimated to be a ten- to twelve-month supply, delivered in two shipments, July and October, 1963	Office Supply Storeroom	W. M. Putnam Co., Boonington	4 805 76 f.o.b. delivered
One air compressor, 250 cubic feet per minute capacity, rotary type, complete with diesel engine, mounted on four wheel running gear less credit for trade-in of one obsolete air compressor, 1942 model, manufactured by Ingersoll-Rand Co., 105 cubic feet per minute capacity	Physical Plant Department	Baker-Hall Equipment Co., Summit	8 080 00 f.o.b. delivered
Water filtering equipment consisting of two filter shells with attachments and two sets pressure gauges filter media to be used in improvement program for Huff Gymnasium swimming pool	Physical Plant Department	Modern Water Equipment Co., Freeport	3 536 79 f.o.b. delivered
Three air-conditioning units, horizontal ceiling mounted	Physical Plant Department	The Trane Co., Peoria	3 583 00 f.o.b. delivered
One air-conditioning unit, factory coupled for window mounting as a single unit			
Fifteen police overcoats made from 30 oz. blue American "beaver cloth"	Physical Plant Storeroom	Gerber Manufacturing Co., Inc., Mishawaka, Ind.	4 604 24 f.o.b. delivered
Forty-four police uniform jackets made from 19 oz. American "elastique"			
Forty-four police uniform pants made from 19 oz. American "elastique"			
Forty-four police caps, winter			
180 police shirts, poplin (winter)			
180 police shirts "airflow" (summer)			
Three truckloads (6,675 gallons, approximately) synthetic floor finish to be delivered in June, 1963, with options for one truckload delivery in October, 1963, and another truckload delivery in March, 1964	Physical Plant Storeroom	Maintenance Supply Corp., Springfield	11 214 00 f.o.b. delivered

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

**COMPTROLLER'S REPORT OF CONTRACTS**

(20) The Comptroller's report of contracts executed during the period April 1 to 30, 1963.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
National Aeronautics and Space Administration NsG-379	World-wide investigation of the D and lower E regions of the ionosphere in relation to the IQSY	\$ 27 425 00	February 1, 1963
United States Army DA-36-039-AMC-02208(E)	Development of techniques for ultimate military applications in accordance with secret technical guide lines and plasma research	1 400 000 00	March 29, 1963
United States Department of Health, Education, and Welfare OE-3-10-101	Secondary school programs for gifted students in English, social science, mathematics, and science and elementary school programs for gifted students in scientific inquiry	275 958 00	April 15, 1963
United States Department of Health, Education, and Welfare OE-3-99-073	Prepare a course of study for highway engineering aides	5 600 00	March 26, 1963
<b>Total</b>		<b>\$1 708 983 00</b>	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Ice Attractions, Inc.	Presentation of "Ice Capades" (seven performances)	70 per cent of gross proceeds	January 22, 1963

**Contract Changes**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Agricultural Chemicals Division, Shell Chemical Corp.	Evaluation of chlorinated hydrocarbon compounds as insecticides	\$ 2 500 00	March 15, 1963
United States Army DA-36-039-SC-85122	Techniques for military applications	250 000 00	March 29, 1963
United States Army DA-36-039-SC-87232	Fundamental properties of high density gaseous plasmas	21 525 00	March 20, 1963
United States Atomic Energy Commission AT (11-1)-415	Unclassified research on electronic high-speed digital computers	500 000 00	March 19, 1963
United States Navy Nonr-1834 (17)	Current problems of solid state and surface physics of semiconductors	30 000 00	March 28, 1963
United States Navy Nonr-1834 (29)	Develop techniques and instrumentation for measuring acoustic attenuation	11 578 00	March 19, 1963
United States Steel	Behavior of deformed wire fabric in concrete	2 000 00	April 2, 1963
<b>Total</b>		<b>\$817 603 00</b>	

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

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Sixteen items: \$314.77 deduct to \$750.00	\$ 1 911 75	March and April, 1963

**Summary**

Amount to be paid to the University.....	\$2 526 586 00
Amount to be paid by the University.....	1 911 75

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(21) The Comptroller presented his quarterly report to the Board as of March 31, 1963.

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



**EMPLOYMENT OF AUDITORS**

(22) Mr. Williamson, for the Finance Committee, presented the following recommendation and moved its approval.

The firm of Lybrand, Ross Brothers, and Montgomery was employed to audit the accounts of the University of Illinois for the year ended June 30, 1961, with the understanding that the firm would be employed for additional years, subject to annual review. The Board retained the firm for the audit for the year ended June 30, 1962.

The services of Lybrand, Ross Brothers, and Montgomery have been very satisfactory. The firm proposes to complete the audit for the year ending June 30, 1963, at the prevailing hourly rates for college and university audits, plus cash expenses, with the understanding that the aggregate charges will not exceed the following amounts, which are the same as were approved for the audit for the preceding year:

University of Illinois, including reports on revenue bond funds.....	\$22 300
University Retirement System of Illinois.....	2 200
University of Illinois Alumni Association.....	600
University of Illinois Athletic Association, including Retirement System..	1 000
University of Illinois Foundation.....	1 500

In accordance with the usual practice, the auditing firm will submit its reports jointly to the Board of Trustees and to the Auditor General. The firm of Lybrand, Ross Brothers, and Montgomery is acceptable to the Auditor General.

The Finance Committee recommends the employment of Lybrand, Ross Brothers, and Montgomery for the audit of University accounts for the fiscal year ending June 30, 1963.

This recommendation was approved without dissent.

**ACTION BY AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS**

(23) President Henry presented the following report:

For the information of the Board of Trustees, I report the receipt of the following letter dated April 30, 1963, addressed to me by the General Secretary of the American Association of University Professors, confirming an earlier telegram:

The Forty-Ninth Annual Meeting of the American Association of University Professors today voted censure upon the administration of the University of Illinois, Urbana, Illinois, by approval of a Committee A recommendation which reads:

On April 7, 1960, President David D. Henry of the University of Illinois wrote a letter concurring in the recommendation of the Executive Committee of the College of Art and Sciences that Professor Leo F. Koch be suspended immediately from his academic duties. President Henry's letter also said: "His appointment will terminate at the end of the current academic year." Professor Koch was under contract through August of 1961.

Subsequently, in accord with normal academic due process, Professor Koch was given a hearing before a standing committee of the faculty Senate. That hearing group found that Professor Koch had committed a breach of academic responsibility but also held that the University administration had failed to use proper procedures and thereby lessened the teacher's power to make a proper defense. The Senate committee recommended that Professor Koch be reprimanded, that the Statutes of the University be revised, and that the University make clear that the expression of views by a faculty member which might be contrary to prevailing opinion in the community is not a violation of academic responsibility.

The Board of Trustees held a hearing on the case on June 14, 1960, and dismissed the teacher.

Committee A concludes that the prejudgment embodied in the President's letter, the failure of the Board of Trustees, without adequate declared reason, to support the unanimous recommendation of the Senate committee and, most important, the imposition of the drastic sanction of discharge for Professor Koch's public expression of opinion constitute violations of academic due process and academic freedom.

Committee A recommends that the University of Illinois be placed upon the Association's list of Censured Administrations.

While I do not feel that a full response to the Association's communication is in order at this time because there is still pending before the courts of this state litigation instituted by Mr. Koch, I take this occasion to comment on the issues cited in the AAUP action and to correct certain statements appearing therein. All of the materials upon which the following statements are based were before Committee A of the AAUP and were authorized by the University for distribution to the AAUP convention delegates.

#### A. REFERENCES TO REPORT OF THE URBANA SENATE COMMITTEE ON ACADEMIC FREEDOM

The Committee A recommendation adopted by the Association and quoted above states that the Urbana Senate Committee on Academic Freedom, after finding that Mr. Koch had committed a breach of academic responsibility, (1) held that the University "had failed to use proper procedures and thereby lessened the teacher's power to make a proper defense"; (2) recommended that Mr. Koch be reprimanded; (3) recommended that the Statutes of the University be revised; and (4) recommended that the University state that "expression of views by a faculty member which might be contrary to prevailing opinion in the community" does not constitute a violation of academic responsibility.

(1) *The procedural issues raised by the Senate Committee.* The Urbana Senate Committee on Academic Freedom did state in its report dated May 13, 1960, that the actions of the administrative officers of the University were regarded as being in some respects "contrary to the standards of proper procedure in dismissal cases." However, conformity with the dismissal procedures established in the University Statutes was questioned only on the point of my informing Mr. Koch in the April 7, 1960, letter that his contract would be terminated, when the power to discharge was reserved to the Board of Trustees in the University Statutes.

It is important to note that at no time in the proceedings did Mr. Koch or his attorneys assert they were being denied a full opportunity to present all of his defenses. Even the AAUP communication acknowledges that "Subsequently, in accord with normal academic due process, Professor Koch was given a hearing before a standing committee of the faculty Senate" and "The Board of Trustees held a hearing on the case on June 14, 1960. . . ."

The Senate Committee's suggestion that Mr. Koch could be subject to prejudice in the final outcome of his case by certain procedural steps was directed mainly to the wording of my April 7, 1960, letter and its public release and the lack of a formal hearing prior to suspension.

It is clear, as noted above, that the letter did not in any way diminish Mr. Koch's powers to present a defense, nor did it in fact compromise his position before the Board of Trustees. Both in the Board's Findings and Conclusions entered on June 14, 1960, in the Koch proceedings, and in the later September 21, 1960, report of the Board's Committee on General Policy in response to an Open Letter from certain members of the faculty, the Board of Trustees found that the exceptional circumstances existing in the Koch situation justified the public statement of charges in advance of hearing and that such public release and the language of my April 7, 1960, letter did not operate to his prejudice in the Board's consideration of his case. You will recall that your findings in the Koch matter on June 14, 1960, included the following:

30. This Board of Trustees further finds that the action of the President of the University in releasing to the public press on April 7, 1960, the press release . . . was rendered desirable, appropriate, and proper in view of the publicity which Assistant Professor Koch's above mentioned letter to *The Daily Illini* and its publication in that newspaper had received . . . and this Board of Trustees further finds that the making of said release to the public press did not violate or infringe upon Assistant Professor Koch's academic freedom or operate to his prejudice in the consideration and disposition which this Board of Trustees is making of the charges preferred against Assistant Professor Koch by the President of the University and the recommendation submitted by the latter to this Board of Trustees that action be taken by it terminating Assistant Professor Koch's appointment at and employment by the University on August 31, 1960.

Whether the April 7, 1960, letter was framed in terms of "dismissal" or "recommendation for dismissal" was of no real significance in this case. Further, once it was decided that charges should be submitted to the Board of Trustees, their ultimate publicity was inescapable, as was the necessity of a Board decision on the gravity of Mr. Koch's action.

As to the lack of a formal hearing before suspension, Mr. Koch did not ask for one even though his department head informed him of the seriousness of his action nor did he at any time contend that the facts upon which suspension was made were in dispute.

(2) *The Senate Committee's recommendation for reprimand.* The telegram correctly states the Senate Committee's unanimous recommendation that Koch be reprimanded. My comments on this point are contained in Part B below.

(3) *Revision of University Statutes.* The Senate Committee's recommendation that the University Statutes on academic freedom be amended is in the process of implementation. On March 29, 1963, the Senate Coordinating Council forwarded to me its recommendations for amendments to these sections of the University Statutes, which include, among other proposals, modifications of existing hearing procedures. Informational copies of the recommendations were transmitted to AAUP under date of April 9, 1963. Pursuant to our existing Statutes I have referred these Council recommendations to the Senates at the three campuses so that each may express whatever objections it wishes to record. In the near future I will present to you for your consideration these proposed statutory amendments, any objections which may be recorded by a Senate, and my recommendations for action.

(4) *Senate Committee's request for clarification of academic responsibility.* As to the Senate Committee's recommendation for the University to indicate that "expression of views by a faculty member which might be contrary to prevailing opinion in the community" does not violate academic responsibility, the June 14, 1960, Findings and Conclusions of the Board in the Koch proceeding, and the September 21, 1960, report of the Board's Committee on General Policy, make it abundantly clear the Board recognizes that the limits of academic freedom can not be defined by the test of conformity or nonconformity between views expressed by a member of the University's faculty and views, beliefs, and standards commonly accepted. The Board stated its position that any *responsible* expression of views by the faculty, even though unpopular and, possibly, untenable, is in order. Guide lines for "responsible expression" were there indicated by the Board of Trustees but it cautioned that they did not include "incitement to, or condonation or encouragement of subversion, fraud or immoral conduct, and that the application of this exception is a matter of judgment under established procedures."

#### B. CONCLUSIONS OF AAUP AND ITS COMMITTEE A

The conclusions of the AAUP, as expressed in the approved recommendation of its Committee A, were that "academic" due process and academic freedom were violated by (1) "the prejudgment embodied in the President's letter, (2) the failure of the Board of Trustees, without adequate declared reason, to support the unanimous recommendation of the Senate Committee and, (3) most important, the imposition of the drastic sanction of discharge for Professor Koch's public expression of opinion."

(1) *The prejudgment issue.* I have previously commented on the fact that the wording and publicity of the charges was not and could not have been the central "academic due process" question. My April 7, 1960, letter was recognized and treated by Mr. Koch, his counsel, and the Board of Trustees as a preferment of charges and a recommendation for his dismissal. There was never any dispute as to the basic facts in the Koch matter. He freely admitted (even stipulated) that he wrote the letter to *The Daily Illini*, that he signed it as "Assistant Professor of Biology," and that he desired the same published in that newspaper, the subscribers and readers of which were primarily, though not exclusively, University students and faculty members and townspeople of Champaign-Urbana.

Under our present Statutes the President alone has the duty and responsibility for preferring charges against a member of the faculty. Once the decision is made to prefer charges and recommend discipline, there is an element of "prejudgment" by the President in the sense that he has exercised and announced his

decision on the facts before him in advance of the hearings before the Senate Committee on Academic Freedom and the Board of Trustees, to which the faculty member is entitled. This type of prejudgment exists in every disciplinary case, regardless of the language used in framing the charges or recommendations.

If, as the AAUP seems to say, any prejudgment constitutes a violation of "academic" due process and academic freedom, it would be impossible to prefer charges in any case, even when there are undisputed or admitted facts which demonstrate that a faculty member has committed an offense involving the most repugnant kind of moral turpitude.

The AAUP's conclusion as to prejudgment can not be explained in terms of the effect of the wording of my April 7, 1960, letter on the Board of Trustees at the time it held its hearing and reached its decision in the Koch matter. The Board's Findings and Conclusions are unequivocal on the point that my letter was being treated as a specification of charges and a recommendation for dismissal. The Board explicitly found that the charges and their publicity did not operate to prejudice Mr. Koch before them. Surely the AAUP's conclusion on prejudgment can not and should not be read as saying that the Trustees were not being honorable and truthful in making these statements. Even Mr. Koch's counsel in his arguments before the Board stated:

President Henry has referred this matter to you, and I know you have come here with open minds, to listen to the evidence that you have gotten in the stipulation, to listen to whatever arguments we have brought to you, and to make your decision earnestly and fairly.

I also note that the Senate Committee on Academic Freedom was not so prejudiced or influenced by my purported "prejudgment" that it regarded itself bound to support my recommendation for dismissal as the appropriate sanction for the academic irresponsibility it found inherent in Mr. Koch's activities.

Nor can the AAUP's conclusion on the prejudgment issue be related to the warning in the Urbana Senate Committee's report, rendered after affording a hearing to Mr. Koch, that the letter and its publicity "may well have prejudiced the final outcome of his (Koch's) case." That Senate Committee report (May 13, 1960) with its warning was a part of the record before the Board (June 14, 1960) when it reached its decision and specifically denied the fact of such prejudice in the final outcome of his (Koch's) case.

(2) *The Board's failure to adopt the Senate Committee recommendation for reprimand.* The AAUP Committee concluded that a violation of academic due process and academic freedom occurred by reason of "the failure of the Board of Trustees, without adequate declared reason, to support the unanimous recommendation of the Senate Committee." In both the Findings and Conclusions in the Koch proceeding and the September 21, 1960, report of the General Policy Committee it is acknowledged that the recommendations and judgment of the members of the Executive Committee of the College of Liberal Arts and Sciences, the Urbana Senate Committee on Academic Freedom, and the President of the University were taken into consideration by the Board and substantial weight was attached to them. The September 21, 1960, report of the Board's General Policy Committee (adopted and approved by the entire Board) contains the following passage:

Having concluded that Dr. Koch was guilty of conduct constituting a grave breach of his academic responsibility and duty which was clearly prejudicial to the best interests of the University, it became incumbent upon us to decide whether the action to be taken by us concerning him should be that recommended by the members of the Senate Committee on Academic Freedom, that recommended by the Executive Committee of the faculty and the Dean of the College and the President of the University, or some other action. In considering that question we were not unmindful of the recommendation of the Senate Committee on Academic Freedom and the reasons which prompted it, of considerations of academic freedom and constitutional guarantees of freedom of speech, of Dr. Koch's interest, or of the reputation and welfare of the University. Each and all of these considerations weighed heavily upon us. We deemed ourselves to be under the duty and obligation to accord, and gave the most thoughtful and conscientious consideration to them. By virtue of the public office we hold, we are charged with the responsibility,

are under the sworn duty, and are vested with the final authority to decide what action should be taken in such matters. That responsibility and that duty is owed to the University's faculty, its students, their parents, the University itself, the citizens of the State of Illinois who support and maintain the University, and those who represent them in the General Assembly. We must exercise that authority in accordance with what we are convinced is in the best interests of all of them and can not abdicate it and transfer it to any group however important and however vitally interested it may be in the proper exercise of it. It was then, and still is our considered and conscientious judgment that Dr. Koch's breach of his academic and professional responsibility was "so flagrant and serious, and has been so clearly prejudicial to the best interests of the University" that it could be "properly met and dealt with only by terminating his appointment at and contract with the University," much though we regretted the necessity of taking that action.

The foregoing and the portion of Conclusion 1 of the Board's Findings and Conclusions quoted under (3) below are clearly "adequate declared reason(s)" why the Board did not support the unanimous recommendation of the Urbana Senate Committee, and these reasons remain as compelling today as they were at that time of the Board's pronouncements in 1960.

(3) *The Board's sanction of discharge.* The AAUP has further concluded that there was a violation of academic due process and academic freedom because of "the imposition of the drastic sanction of discharge for Professor Koch's public expression of opinion," and this conclusion is characterized as "most important." The Board's concern with and consideration of the sanction it decided to impose is reflected by the above quoted portion of the report of the General Policy Committee and also by the following excerpt from Conclusion 1 of the Findings and Conclusions adopted and entered by the Board on June 14, 1960, in the Koch proceeding:

We do not condemn Assistant Professor Koch's actions in issue here merely because he expressed in his letter views contrary to commonly accepted beliefs and standards. We condemn it because of the manner in which he expressed those views in his letter. We do not consider that letter as a "responsible" and proper expression of the views stated in it. This judgment upon our part is confirmed by the unanimous judgment of the members of the Executive Committee of the College of Liberal Arts and Sciences, including the Dean of that College, the members of the University Senate Committee on Academic Freedom, at the Urbana-Champaign campus of the University, and the President of the University. We reiterate here what we have said in our foregoing findings and conclusions as constituting the reasons why we have concluded that Assistant Professor Koch's action in writing and securing the publication of his letter in *The Daily Illini* exceeded the limits of the protection afforded him by his academic freedom.

We appreciate and commend the careful and conscientious consideration given by the members of the Senate Committee on Academic Freedom to Assistant Professor Koch's claim that the disciplinary action taken and recommended against him by the President of the University would violate his academic freedom. As we have just stated their appraisal of his letter to *The Daily Illini* accords with ours. As they concede in their Report, once it has been determined that Assistant Professor Koch's actions are not protected by his academic freedom, the question of what action should be taken against him because of his breach of his academic and professional responsibility and duty to the University is one which we have the responsibility, duty, and authority to determine. In our considered judgment that breach of his academic and professional responsibility, and of his duty to the University, was so flagrant and serious, and has been so clearly prejudicial to the best interests of the University, that, notwithstanding the recommendation of the Senate Committee on Academic Freedom that the action taken against him for it be limited to reprimand and not extend to discharge, we are convinced that it can be properly met and dealt with only by terminating his appointment at and contract with the University in accordance with the recommendation of the President of the University, much though we regret the necessity, resulting from his own irresponsible and improper conduct, of taking such drastic, but proper and essential, action against him.

### C. CONCLUDING OBSERVATIONS

From the public discussion of the Koch case and the references to "academic due process" in the action of the AAUP, some have inferred that Mr. Koch was dismissed without a hearing. In accord with the Statutes of the University of Illinois, Mr. Koch had formal hearings before the Senate Committee on Academic Freedom and before the Board of Trustees; further, these hearings were preceded by conferences between Mr. Koch and his department head and by a review of his case by the faculty-elected Executive Committee of the College of Liberal Arts and Sciences. These points are repeated so that it will be clear to all concerned that Mr. Koch was given hearings, and that the appraisal of his case was not precipitous but stretched over several months.

I want there to be no doubt, within the academic community as well as before the public, that as President of the University of Illinois, I share the concern that the tradition for academic freedom at this University should at no time be impaired to the slightest degree. The Statutes of the University and the University's long history of intellectual freedom speak for themselves. Here, and in other authoritative expressions on the subject, however, academic freedom is not disassociated from academic responsibility. The teacher has responsibilities to his students and to the University. It is a distortion of academic freedom to stretch its application to the Koch case. What may be regarded as incitement to or condonation of immoral conduct can not be treated merely as the presentation of an unorthodox point of view or an intellectual exercise in social criticism. The encouragement of youth to violate the usually accepted moral code and the laws pertaining to that code undermines the very concept of academic freedom.

I fully subscribe to the position which has been unequivocally stated by the Board of Trustees in its action of June 14, 1960:

We subscribe to and intend to maintain these principles (of academic freedom) unimpaired. We recognize that the limits of academic freedom can not be defined by the test of conformity or non-conformity between views expressed by a member of the University's faculty and views, beliefs, and standards generally and commonly entertained and accepted. We believe that any responsible expression of views by members of the faculty, even though unpopular and even, possibly, untenable, is in order. In determining what is "responsible expression," we accept the guidelines set down in the statutory references cited above (Statutes of the University) and the 1940 Joint Statement of Principles on Academic Freedom and Tenure.

In the foregoing report and observations on the action of the AAUP, restricted as they are to an analysis of that organization's view of facts surrounding the Koch proceeding and its conclusions thereon in terms of "academic due process and academic freedom," I have attempted to avoid commenting on the issues presented in the litigation being pursued by Mr. Koch against the University. Mr. Koch is now in the process of seeking review by the Supreme Court of Illinois of the January 22, 1963, decision of the Appellate Court of Illinois in favor of the University. A decision of the Supreme Court of Illinois on whether or not Mr. Koch may take such an appeal is anticipated later this year.

On motion of Mrs. Watkins, the Board accepted the foregoing report; there were no dissenting votes.

Mr. Clement read the following letter received by members of the Board of Trustees from two members of the University faculty transmitting a copy of a letter addressed to the President of the University and signed by twenty-six members of the faculty, which he also read to the Board.

217 David Kinley Hall  
May 6, 1963

*To the Members of the Board of Trustees  
of the University of Illinois*

The signed original of the accompanying letter has been sent to President David D. Henry. We feel that each of you will want to know of its existence and the support it indicates.

We believe that a large number of faculty members on the Urbana campus feel as we do. Although several who saw the letter suggested the names of others they thought would want to participate in this expression, we deliberately refrained from any effort to obtain a long list of names. It is our feeling that this expression by a limited number of faculty members who are well known in academic circles and throughout the state is sufficient to indicate that the American Association of University Professors does not speak for the entire faculty.

Very truly yours,  
R. K. MAUTZ  
*Professor of Accountancy*  
ROBERT I. DICKEY  
*Professor of Accountancy*

217 David Kinley Hall  
May 1, 1963

*President David Dodds Henry*  
*355 Administration Building (W)*

DEAR PRESIDENT HENRY:

The recent actions of the local chapter of the American Association of University Professors and the censure resolution of the national organization indicate there are some who are critical of the action of the University in dismissing Dr. Leo Koch. We wish to disassociate ourselves from these people and their views.

We feel that the action taken by the University Administration at the time of this unfortunate affair reflected a concern for the best interests of the University and was in no way a serious threat to academic freedom. We deplore the action of the American Association of University Professors, both locally and nationally. In our opinion, only those who confuse academic freedom with academic license would find the action of the University Administration offensive.

In view of the varied and extreme pressures exerted upon you in your office as President of the University, we feel your own actions in this case have been honorable and forthright. We therefore take this means of expressing our support to you and the Board of Trustees.

Very truly yours,

H. KENNETH ALLEN  
JOHN C. BAILAR, JR.  
FRANK H. BEACH  
J. F. BELL  
J. W. BRISCOE  
EMER E. BROADBENT  
H. C. M. CASE  
ROBERT I. DICKEY  
TOM S. HAMILTON  
ROBERT O. HARVEY

H. W. HUEGY  
WALTER M. KEITH  
ROSS A. KELLY  
DONALD L. KEMMERER  
(University of Illinois  
Chapter AAUP President, 1950)  
R. K. MAUTZ  
M. L. MOSHER  
C. A. MOYER

DAVID R. OPPERMAN  
JOHN E. PEARSON  
DAVID G. RYAN  
L. H. SIMERL  
F. R. STEGGERDA  
KENNETH J. TRIGGER  
STEWART L. TUCKEY  
PAUL M. VAN ARSDELL  
HOWARD L. WAKELAND

Mr. Dilliard inquired what procedure may be followed by the University in seeking removal from censure. President Henry stated that one of the steps which may have an effect and which has long been in process is the proposed amendment of the sections of the University of Illinois Statutes which deal with academic freedom and tenure.

#### SECRETARY'S REPORTS

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

#### APPOINTMENTS MADE BY THE PRESIDENT

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

ABRAHAMS, JEROME E., Clinical Instructor in Surgery (Medicine), five months from April 1, 1963, without salary (4-10-63).

- ANDERSON, TRUMAN O., Assistant Professor of Medicine and of Microbiology (Medicine), July 1, 1963-August 31, 1965, \$10,800 a year, supersedes (4-10-63).
- ANTENEN, WAYNE W., Research Associate in Education Administration (College of Education), to render service during the second semester of the academic year, March 1-August 31, 1963, \$5,400 a year (4-9-63).
- BABB, DANIEL S., Professor of Electrical Engineering (C), two months from June 16, 1963, \$2,400; this is in addition to his present appointment (4-8-63).
- BABLER, BERNARD J., Professor of Chemistry (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$2,667 for the period (4-15-63).
- BACH, GERHARD L., Research Assistant in Medicine (Medicine), six months from March 1, 1963, \$4,900 a year (4-10-63).
- BARAZANI, MORRIS, Assistant in Art (Chicago Undergraduate Division), five months from February 1, 1963, \$2,500 (4-10-63).
- BHARADWAJ, (MR.) RAMA KANT, Research Assistant in Entomology, two months from June 16, 1963, \$889 (4-22-63).
- BOHM, LARRY G., Project Assistant in the State Natural History Survey, April 11-August 31, 1963, \$350 a month (4-8-63).
- BOROSAGE, LAWRENCE, Visiting Lecturer in Education, Summer Session of 1963, June 17-July 13, 1963, \$1,300 for the period (4-15-63).
- BRESICH, ZAGORKA, Physician in the Health Service (Medical Center), 3/10 time, six months from March 1, 1963, \$3,600 a year (4-4-63).
- BROGHAMER, EDWARD L., Professor of Mechanical Engineering (C), two months from June 16, 1963, \$2,465; this is in addition to his present appointment (4-8-63).
- BURR, EDWARD E., Associate Professor of Art (Chicago Undergraduate Division), nine months from September 16, 1962, \$8,800, supersedes (4-4-63).
- BURTON, LESLIE J., Instructor in Accountancy (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,200 for the period (4-15-63).
- BUTTERWORTH, MRS. CLARA M., Clinical Instructor in Psychology, Department of Psychiatry (Medicine), eight months from January 1, 1963, without salary (4-15-63).
- CADY, ALLAN B., Clinical Assistant in Medicine (Medicine), six months from March 1, 1963, without salary (4-10-63).
- CAHALAN, HAROLD F., Visiting Lecturer in History (Chicago Undergraduate Division), Summer Session of 1963,  $\frac{2}{3}$  time, June 21-August 16, 1963, \$750 for the period (4-19-63).
- CHADWICK, LEIGH E., Professor of Entomology, two months from June 16, 1963, \$3,689; this is in addition to his present appointment (4-22-63).
- CHANDRAN, (MR.) RAMAN SATISA, Research Assistant in Entomology, two months from June 16, 1963, \$889 (4-22-63).
- COFFEY, WARREN C., Assistant and Project Administrator in Elementary Education, March 22-June 15, 1963, \$888 a month, supersedes (4-5-63).
- CULLOP, SAMUEL, JR., Research Assistant in Entomology, two months from June 16, 1963, \$889 (4-22-63).
- DICKERSON, RICHARD E., Research Assistant Professor of Chemistry, two months from June 16, 1963, \$2,000; this is in addition to his present appointment (4-8-63).
- DOBROVOLNY, JERRY S., Professor of General Engineering and Head of the Department (C), two months from June 16, 1963, \$2,890; this is in addition to his present appointment (4-8-63).
- DOUDNA, JO ANN M., Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, \$1,400 for the period (4-15-63).
- EECKHOUT, M. JO, Instructor in Speech and Theatre, academic year beginning September 1, 1963, \$6,500 (4-8-63).
- FERBER, MRS. MARIANNE A., Lecturer in Economics, March 1-June 15, 1963, \$750 a month, supersedes (4-8-63).
- FITZGERALD, DONALD, Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, \$1,800 for the period (4-15-63).
- GLASSMAN, SIDNEY F., Associate Professor of Biological Sciences (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$2,156 for the period, supersedes previous Summer Session appointment (4-22-63).



- GOLAND, PHILIP, Research Associate in Orthodontics (Dentistry), five months from April 1, 1963, \$8,000 a year (4-10-63).
- GORADIA, RANJAN YOGESH, Research Assistant in the State Water Survey, three months from April 1, 1963, \$408.33 a month (4-12-63).
- GRANIRER, EDMOND E., Research Associate in Mathematics, two months from June 16, 1963, \$1,556; this is in addition to his present appointment (4-22-63).
- GRIFFIN, ROBERT S., Clinical Instructor in Medicine (Medicine),  $\frac{2}{3}$  time, two months from July 1, 1963, \$250 a month, supersedes (4-10-63).
- HANSCOM, DONALD H., Clinical Instructor in Medicine (Medicine), May 6-August 31, 1963, without salary, supersedes salaried appointment (4-24-63).
- HANSON, DONALD D., Associate Professor of Architecture, Summer Session of 1963, June 17-August 10, 1963, \$2,445 for the period (4-15-63).
- HAWKLAND, WILLIAM D., Professor of Law, Summer Session of 1963, June 17-August 10, 1963, \$3,600 for the period (4-15-63).
- HELMS, LESTER L., Research Assistant Professor of Mathematics, two months from June 16, 1963, \$1,800; this is in addition to his present appointment (4-22-63).
- HOLDERMAN, JAMES B., Assistant Professor in the Institute of Government and Public Affairs, to render service during the second semester of the academic year, full time from February 1-March 31, 1963, \$1,467, and  $\frac{1}{2}$  time from April 1-June 15, 1963, \$1,466, supersedes (4-8-63).
- HUBER, RODERIC S., Clinical Assistant in Medicine (Medicine), six months from March 1, 1963, without salary (4-10-63).
- HURSH, LAURENCE M., Associate Professor of Hygiene, and Staff Physician in the Health Center and McKinley Hospital, \$16,500 a year, and Associate Director of the Health Center and McKinley Hospital, \$1,000 a year, April 1-August 31, 1963, supersedes (4-5-63).
- JACKMAN, FREDERIC L. R., Clinical Assistant in Psychology, Department of Psychiatry (Medicine), seven months from February 1, 1963, without salary (4-4-63).
- KAHN, SHELDON M., Instructor in Medicine (Medicine), March 18-August 31, 1963, \$708.33 a month, supersedes nonsalaried appointment (4-8-63).
- KATAGUE, DAVID B., Instructor in Chemistry (Pharmacy), Summer Session of 1963,  $\frac{1}{2}$  time, July 29-September 7, 1963, \$500 for the period (4-24-63).
- KINO, TAKAO, Research Associate in Physics (C), one year from September 1, 1963, \$7,500 (4-4-63).
- KINZIE, MARION D., Associate Professor of Hygiene on indefinite tenure, and Staff Physician in the Health Center and in McKinley Hospital, April 1-August 31, 1963, \$16,500 a year, supersedes (4-5-63).
- KLINE, IRWIN K., Instructor in Pathology (Medicine), one year from July 1, 1963, \$7,000, supersedes his nonsalaried appointment (4-10-63).
- KLOCK, PAUL W., Assistant Professor of Electrical Engineering (C), to render service during the second semester of the academic year, May 1-August 31, 1963, \$750 a month, supersedes (4-23-63).
- KRISHNAMURTHY, VISVANATHA, Research Associate in Mathematics, two months from June 16, 1963, \$1,334; this is in addition to his present appointment (4-22-63).
- KRIZAN, THOMAS F., Assistant Professor of Physical Education for Men (Summer Sports Fitness),  $\frac{3}{4}$  time, June 17-August 8, 1963, \$1,233; this is in addition to his present appointment (4-8-63).
- KRYSAN, JAMES L., Research Assistant in Entomology, two months from June 16, 1963, \$889 (4-24-63).
- LEE, SIU-WAH, Research Assistant in Physical Medicine and Rehabilitation (Medicine), five months from April 1, 1963, \$470.83 a month (4-10-63).
- MANSFIELD, J. VICTOR, Associate Professor of Chemistry (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,956 for the period (4-15-63).
- MCCRIMMON, MRS. BARBARA J. S., Research Associate in the Bureau of Community Planning, two months from April 1, 1963, \$487.50 a month, supersedes (4-10-63).
- MILES, MAURICE H., Research Associate in Metallurgical Engineering (C), June 15-August 31, 1963, \$666.67 a month (4-8-63).

- MONTGOMERY, CLARK A., Clinical Instructor in Medicine (Medicine), three months from June 1, 1963, without salary, supersedes salaried appointment (6-14-63).
- MUELLER, KARL H., Research Associate in Orthopaedic Surgery (Medicine), three months from April 1, 1963, without salary (4-15-63).
- NAKAMURA, HIROSHI, Research Associate in Agricultural Economics (S), four months from May 1, 1963, \$666.67 a month, supersedes (4-10-63).
- NELSON, JAMES A., Associate Professor of Ceramic Engineering (C), two months from June 16, 1963, \$2,356; this is in addition to his present appointment (4-8-63).
- NEWCOMER, HALE L., Professor of Accountancy, nine months from September 16, 1962, \$14,400, supersedes (4-8-63).
- NEWELL, JOHN T., II, Assistant Professor of Biological Sciences,  $\frac{1}{2}$  time, and Assistant Director of University Honors Programs,  $\frac{1}{4}$  time (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,250 for the period, supersedes previous Summer Session appointment (4-15-63).
- NISHIDA, YOSHIRO, Research Assistant in Physiology and Biophysics, April 16-September 30, 1963, \$500 a month (4-10-63).
- NURRY, BERNARD E., Visiting Lecturer in Elementary Education, July 1-August 23, 1963, \$2,300 (4-8-63).
- OLEKSY, MRS. MARGARET H., Instructor in English (Chicago Undergraduate Division), Summer Session of 1963,  $\frac{1}{2}$  time, June 21-August 16, 1963, \$845 for the period (4-15-63).
- ORVEDAHL, JESSE, Research Associate in Education (University High School), June 24-August 31, 1963, \$1,900 (4-10-63).
- PABARCUS, ALGIS, Assistant Professor of Engineering (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,845 for the period (4-15-63).
- PARTRIDGE, ROBERT W., JR., Visiting Lecturer in Engineering (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,334 for the period (4-24-63).
- PATTISON, MRS. VALERIE, Assistant in Animal Science (S), March 4-August 31, 1963, \$5,000 a year (4-19-63).
- PERDRISAT, CHARLES FRANCOIS, Research Associate in Physics (C), one year from September 1, 1963, \$8,000 (4-8-63).
- PERESSINI, ANTHONY L., Research Associate in Mathematics, two months from June 16, 1963, \$1,645; this is in addition to his present appointment (4-22-63).
- POLLOCK, MICHAEL L., Instructor in Summer Sports Fitness (Physical Education for Men),  $\frac{3}{4}$  time, June 17-August 8, 1963, \$773, supersedes (4-15-63).
- PULLEN, LINDA G., Biology Library Assistant, in the Library, one year from September 1, 1963, \$5,500 (4-8-63).
- RANDALL, ROBERT F., Research Assistant in Entomology, two months from June 16, 1963, \$889 (4-22-63).
- RANNINGER, JULIUS, Research Associate in Physics (C), one year from September 1, 1963, \$8,000 (4-8-63).
- REED, JACK A., Visiting Lecturer in Education, Summer Session of 1963,  $\frac{1}{2}$  time, June 17-August 10, 1963, \$545 for the period (4-16-63).
- REGNIER, EARL H., Student Training Program Adviser, for service under Contract ICAC-1258, at Pantnagar, U. P. Agricultural University, Pantnagar, India, two years from July 8, 1963, \$14,300 a year (4-15-63).
- ROBLEE, CHARLES L., Instructor in Firemanship Training (Division of University Extension), four months from May 1, 1963, \$7,800 a year (4-10-63).
- ROEFKE, HOWARD G., Associate Professor of Geography, Summer Session of 1963,  $\frac{1}{4}$  time, June 17-August 10, 1963, \$542 for the period, supersedes previous Summer Session appointment (4-15-63).
- ROSS, ALBION H., Visiting Lecturer in Journalism, 13/100 time, academic year beginning September 1, 1962, \$1,200, supersedes (4-10-63).
- ROSS, GEORGE E., Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, \$2,000 for the period (4-15-63).
- RUSSELL, JOHN K., Instructor in Electrical Engineering (C),  $\frac{3}{4}$  time, to render service during the second semester of the academic year, April 1-August 31, 1963, \$1,000, supersedes (4-15-63).

- SALOMON, LAWRENCE, Instructor in Art (Chicago Undergraduate Division),  $\frac{2}{3}$  time, five months from February 1, 1963, \$1,750 (4-8-63).
- SCHMIDT, PAUL J., Instructor in Ophthalmology (Medicine),  $\frac{1}{2}$  time, five months from April 1, 1963, \$333.33 a month, supersedes (4-10-63).
- SEYFARTH, FRANCIS, Professor of Mechanical Engineering (C),  $\frac{1}{3}$  time, two months from June 16, 1963, \$770.32; this is in addition to his present appointment (4-22-63).
- SHEPERD, GEORGE, Visiting Lecturer in Education, Summer Session of 1963,  $\frac{1}{2}$  time, June 17-August 10, 1963, \$545 for the period (4-24-63).
- SIDNEY, MRS. MARY C., Instructor in English (Chicago Undergraduate Division), Summer Session of 1963, June 21-August 16, 1963, \$1,245 for the period, supersedes previous Summer Session appointment (4-15-63).
- SIMMONS, JERRY L., Instructor in Sociology, Summer Session of 1963, June 17-August 10, 1963, \$1,445 for the period (4-4-63).
- SNYDER, WILLIAM R., Assistant in Education, in Vocational and Technical on  $\frac{1}{4}$  time and in the University High School on  $\frac{3}{4}$  time, February 1-June 15, 1963, \$600 a month, supersedes (4-8-63).
- SPITZ, MRS. HAZEL T., Assistant Professor of Vocational and Technical Education (College of Education),  $\frac{3}{4}$  time, to render service during the second semester of the academic year, March 1-August 31, 1963, \$2,812 (4-4-63).
- SRINIVASAN, T. M., Research Assistant Professor of Metallurgical Engineering (C), one year from September 1, 1963, \$9,000 (4-8-63).
- STAGER, ROBERT A., Research Associate in Chemical Engineering, five months from April 1, 1963, \$600 a month (4-8-63).
- STEWART, OMAR W., Research Associate in Chemistry, two months from June 16, 1963, \$1,467; this is in addition to his present appointment (4-8-63).
- STORCH, RICHARD H., Research Assistant in Entomology, two months from June 16, 1963, \$888.88 (4-24-63).
- TAKAYAMA, TAKASHI, Research Associate in Agricultural Economics (S), four months from May 1, 1963, \$900 a month (4-8-63).
- TANG, STEPHEN J. Y., Associate Professor of Architecture, Summer Session of 1963, June 17-August 10, 1963, \$2,734 for the period (4-15-63).
- TATSUOKA, MAURICE M., Associate Professor of Education (University High School),  $\frac{3}{4}$  time, two months from June 16, 1963, \$1,542; this is in addition to his present appointment (4-17-63).
- TELSER, ELSA B., Research Assistant in Psychiatry (Medicine), six months from March 1, 1963, without salary (4-15-63).
- TOROK, NICHOLAS, Associate Professor of Otolaryngology (Medicine),  $\frac{4}{5}$  time, one month from May 1, 1963, \$1,066.66, supersedes (4-15-63).
- TRAINA, VINCENZO, Clinical Instructor in Anesthesiology, Department of Surgery (Medicine), eight months from January 1, 1963, without salary (4-10-63).
- WALES, HUGH G., Professor of Marketing, Summer Session of 1963, June 17-August 10, 1963, \$2,734 for the period (4-24-63).
- WARBURTON, F. W., Visiting Lecturer in Education, Summer Session of 1963, June 17-August 10, 1963, \$2,200 for the period (4-15-63).
- WEISS, BERNARD J., Visiting Lecturer in History (Chicago Undergraduate Division), Summer Session of 1963,  $\frac{2}{3}$  time, June 21-August 16, 1963, \$750 for the period (4-19-63).
- WHITMER, ROGER G., Lecturer on Materials and Methods of Construction, Department of Architecture (Chicago Undergraduate Division),  $\frac{1}{3}$  time, five months from February 1, 1963, \$1,500 (4-8-63).
- WOLF, WILLIAM E., Assistant in Anesthesiology, Department of Surgery (Medicine), four months from March 1, 1963, without salary (4-10-63).
- WYATT, STANLEY P., JR., Professor of Astronomy, June 17-August 23, 1963, \$3,445; this is in addition to his present appointment (4-22-63).
- YOCKEY, RAYMOND L., Clinical Assistant in Medicine (Medicine), six months from March 1, 1963, without salary (4-10-63).

#### GRADUATE FELLOWS

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

- ABDEL-SAMAD, SANA R., Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).

- ABEL, WILLIAM R., Xerox Corporation Fellow in Physics, nine months from September 16, 1963, \$2,000 (4-10-63).
- ABU-SALIH, MUHAMMAD S., Summer Fellow in Mathematics, two months from June 16, 1963, \$375 (4-16-63).
- ADAMS, RALPH E., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- AGASHE, SADANAND D., General Electric Foundation Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,500 (3-30-63).
- ALTSCHUL, D. ROBERT, Summer Fellow in Geography, two months from June 16, 1963, \$375 (4-16-63).
- ANDERSON, EDWARD A., Summer Fellow in Chemistry, two months from June 16, 1963, \$375 (4-17-63).
- ANDERSON, FLOYD D., Fellow in Speech, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- ANDREWS, ALAN R., Fellow in Communications, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- ARMSTRONG, ROBERT J., Hackett Fellow in Horticulture, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (4-15-63).
- AVNER, ELAINE S., Fellow in Astronomy, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- AYEN, RICHARD J., Fellow in Chemical Engineering, September 16, 1963-January 31, 1964, \$900 (3-30-63).
- BAILEY, RONALD B., Summer Fellow in Political Science, two months from June 16, 1963, \$375 (4-16-63).
- BAIN, ROBERT A., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- BALBACH, HAROLD E., Summer Fellow in Botany, two months from June 16, 1963, \$375 (4-16-63).
- BARDOS, ANDRAS M., Teaching Fellow in Physics, nine months from September 16, 1963, \$1,800 (3-30-63).
- BARROWS, JOHN T., Summer Fellow in Electrical Engineering, two months from June 16, 1963, \$375 (4-17-63).
- BARRY, LYNETTE F., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- BELDEN, C. ROBERT, Fellow in Landscape Architecture, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- BELL, ROBERT F., Teaching Fellow in German, nine months from September 16, 1963, \$1,166, and two months from June 16, 1963, \$375 (3-30-63).
- BELZER, EDWIN G., JR., Summer Fellow in Health and Safety Education, two months from June 16, 1963, \$375 (4-16-63).
- BENARD, EDMUND F., Fellow in Civil Engineering, nine months from September 16, 1963, \$2,000, and two months from June 16, 1963, \$500 (3-30-63).
- BERGER, JACK S., Shell Companies Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800 (3-30-63).
- BERNETT, WILLIAM A., Fellow in Chemistry, nine months from September 16, 1963, \$1,800 (3-30-63).
- BERRY, THOMAS E., Fellow in Russian, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- BOQUIREN, DAISY T., Summer Fellow in Botany, two months from June 16, 1963, \$375 (4-16-63).
- BORNHOFEN, JOHN O., Fellow in Economics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- BOUMA, FREDERICK J., Fellow in Spanish, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- BOWERS, MICHAEL T., Ethyl Corporation Fellow in Chemistry, nine months from September 16, 1963, \$2,100 (4-19-63).
- BOWERS, PATRICIA G., Fellow in Psychology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- BRADY, MARY A., Fellow in French, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- BRANCAFORTE, BENITO, Fellow in Spanish, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).

- BRAND, JERRY D., The John B. Felmley Memorial Fellow in Civil Engineering, nine months from September 16, 1963, \$3,000 (3-30-63).
- BROCKSTEIN, ALLAN J., Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- BROMELS, EDWARD, Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- BROOME, O. W., JR., Summer Fellow in Accountancy, two months from June 16, 1963, \$375 (4-16-63).
- BROWN, EUGENE F., Fellow in Mechanical Engineering, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- BROWN, ROGER L., Fellow in Communications, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- BUTTON, ALLAN C., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1963, \$2,000 (4-22-63).
- BYARS, ROBERT S., John A. Fairlie Fellow in Political Science, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- BYRON, JANET L., Fellow in Linguistics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- CALDWELL, PETER R., Summer Fellow in French, two months from June 16, 1963, \$375 (4-16-63).
- CARNEY, JOSEPH H., Teaching Fellow in Chemistry, nine months from September 16, 1963, \$2,000, and two months from June 16, 1963, \$500 (3-30-63).
- CARR, WAYNE E., General Electric Foundation Fellow in Physics, nine months from September 16, 1963, \$2,500 (4-10-63).
- CARTER, VERA J., Fellow in Library Science, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- CASEY, BERNARD J., Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- CHEN, WELLINGTON P., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- CHUA, LEON O., Teaching Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (4-1-63).
- CLARK, LARRY D., Summer Fellow in Speech, two months from June 16, 1963, \$375 (4-16-63).
- CLARK, WILLIAM A. V., Fellow in Geography, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- CLAYTON, LEE S., Fellow in Geology, nine months from September 16, 1963, \$1,500 (3-30-63).
- CLEM, JOHN R., United States Steel Foundation Fellow in Physics, nine months from September 16, 1963, \$2,100 (4-10-63).
- CLENDENEN, RONALD L., Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- COLE, WILLIAM R., Fellow in Education, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- CORUM, JAMES M., Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1963, \$1,500; this is in addition to his assistantship in Theoretical and Applied Mechanics on 18/100 time (3-30-63).
- COVERT, NADINE E., Summer Fellow in French, two months from June 16, 1963, \$375 (4-16-63).
- COX, KEVIN R., Fellow in Geography, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- CRILEY, BRUCE B., Teaching Fellow in Zoology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- CRITTENDEN, BRIAN S., Fellow in Education, September 16, 1963-January 31, 1964, \$750, and two months from June 16, 1963, \$375 (3-30-63).
- CROCKETT, BARBARA A., Teaching Fellow in Music, nine months from September 16, 1963, \$1,450, and two months from June 16, 1964, \$375 (3-30-63).
- CUNNINGHAM, RICHARD E., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- DAGRES, JOHN, Fellow in History, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).

- DALEY, LAWRENCE J., Fellow in Music, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- DANZIGER, MARGARET C., Lois Wells Irwin Fellow in Library Science, nine months from September 16, 1963, \$500 (3-30-63).
- DAS, ASIT B., Summer Fellow in Physiology and Biophysics, two months from June 16, 1963, \$375 (4-16-63).
- DAVIES, MICHAEL S., Summer Fellow in Electrical Engineering, two months from June 16, 1963, \$375 (4-16-63).
- DAVIS, STEVEN, Fellow in Philosophy, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- DAWSON, NANCY L., Summer Fellow in History, two months from June 16, 1963, \$375 (4-16-63).
- DEERING, RICHARD J., International Business Machines Fellow in Economics, nine months from September 16, 1963, \$1,800 (3-30-63).
- DEN ADEL, RAYMOND L., Teaching Fellow in Classics, nine months from September 16, 1963, \$1,100, and two months from June 16, 1964, \$375 (4-9-63).
- DEVITO, JOSEPH A., Fellow in Speech, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- DONOHUE, JOHN T., Raytheon Company Fellow in Physics, nine months from September 16, 1963, \$2,000 (4-10-63).
- DRURY, ROBERT E., Hackett Fellow in Horticulture, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-29-63).
- DRYSDALE, WILLIAM H., National Aeronautics and Space Administration Fellow in Aeronautical and Astronautical Engineering, one year from September 1, 1963, \$2,400 (4-9-63).
- DUCKWORTH, PAUL E., Fellow in Accountancy, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- DUNNIGAN, ELAINE M., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- DURAND, DAVID A., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- DWYER, KATHLEEN M., Hackett Fellow in Home Economics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- EDWARDS, RALPH J., Fellow in Agronomy, nine months from September 16, 1963, \$1,800 (3-30-63).
- ELROD, RICHARD B., Fellow in History, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- EWEN, ROBERT E., Fellow in Psychology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- EYMAN, DARRELL P., Gillette-Toni Fellow in Chemistry, nine months from September 16, 1963, \$2,500 (4-19-63).
- FEIERTAG, ROBERT H., Summer Fellow in Chemistry, two months from June 16, 1963, \$375 (4-16-63).
- FERNANDES, FRED D., Fellow in Aeronautical and Astronautical Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- FIERSTIEN, GARY N., Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- FISHER, THOMAS H., Allied Chemical Corporation Fellow in Chemistry, nine months from September 16, 1963, \$2,000 (4-22-63).
- FITES, ROGER C., Wright Fellow in Agronomy, nine months from September 16, 1963, \$1,800 (4-1-63).
- FOGLE, DALE A., Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- FOGLESONG, WILLIAM D., Teaching Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- FORBES, DELROY J., Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- FOURNEY, WILLIAM L., Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1963, \$2,000 (3-30-63).
- FOWLER, FRANCES C., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).

- FRADIN, FRANK Y., Union Carbide Corporation Fellow in Metallurgy, nine months from September 16, 1963, \$2,400 (3-30-63).
- FRAZER, WILLIAM D., Fellow in Digital Computer Laboratory, September 16, 1963-January 31, 1964, \$750, and two months from June 16, 1963, \$375 (3-30-63).
- FRIEDMAN, MARGARET J., Fellow in Anthropology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- FRYMAN, RICHARD F., Fellow in Economics, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- FUJAROS, RODERICK G., Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- GAGLIANO, FELIX V., JR., Kendric C. Babcock Fellow in Political Science, nine months from September 16, 1963, \$2,000 (3-30-63).
- GAMBLE, JAMES C., Summer Fellow in Geology, two months from June 16, 1963, \$375 (4-16-63).
- GARFIELD, RONALD S., Fellow in Spanish, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- GEISLER, PAMELA A. G., Summer Fellow in Astronomy, two months from June 16, 1963, \$375 (4-16-63).
- GIBSON, WILLIAM R., Fellow in Animal Science, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- GINTHER, JOHN L., Teaching Fellow in Education, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- GOLD, LLOYD A., Teaching Fellow in Music, nine months from September 16, 1963, \$1,450, and two months from June 16, 1964, \$375 (3-30-63).
- GOODALE, BRUCE G., Fellow in Civil Engineering, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- GRATOVICH, EUGENE, Fellow in Music, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- GREENBERG, ALLAN C., Fellow in History, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- GREENBERG, CHARLES B., Lead Industries Association Fellow in Ceramic Engineering, nine months from September 16, 1963, \$2,000 (3-30-63).
- GROSBOLL, MARTIN P., Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- GUPTA, SUDHINDRA, Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- GURA, IRA, Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800 (4-9-63).
- GUR-ARIEH, CHAIM, Fellow in Food Technology, September 16, 1963-January 31, 1964, \$900, and two months from June 16, 1963, \$600 (3-30-63).
- GUTEK, GERALD L., Summer Fellow in Education, two months from June 16, 1963, \$375 (4-16-63).
- GUTMAN, DAVID, Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- HAAK, RONALD O., Fellow in Anthropology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- HACKMAN, J. RICHARD, Fellow in Psychology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- HALL, LELAND E., Summer Fellow in Political Science, two months from June 16, 1963, \$375 (4-16-63); Charles E. Merriam Fellow in Political Science, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- HANFT, RAYMOND W., General Atomic/General Dynamics Corporation Fellow in Physics, nine months from September 16, 1963, \$2,100 (4-10-63).
- HANNULA, THOMAS A., Fellow in Mathematics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- HARIED, ANDREW A., Summer Fellow in Accountancy, two months from June 16, 1963, \$375 (4-16-63).
- HARRIS, ERIK P., Union Carbide Corporation Fellow in Physics, nine months from September 16, 1963, \$2,100 (4-10-63).
- HARRIS, RUTH L., Fellow in Education, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).

- HARTL, ADRIENNE L., Fellow in English, nine months from September 16, 1963, \$2,000 (3-30-63).
- HASKELL, WILLIAM L., Fellow in Physical Education, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- HAUER, WILLIAM R., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- HAY, ARTHUR J., Sun Oil Company Fellow in Chemistry, eleven months from September 16, 1963, \$2,300 (4-19-63).
- HEATH, CHRISTOPHER P. M., Fellow in Geology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (4-10-63).
- HEGGAN, JON P., Fellow in Political Science, nine months from September 16, 1963, \$2,000 (3-30-63).
- HEIPLE, CLINTON R., Inland Steel Company Fellow in Metallurgy, nine months from September 16, 1963, \$2,400 (3-30-63).
- HELLAWELL, JUDITH A., Fellow in Anthropology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- HENRY, ARTHUR C., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- HERCEG, JOSEPH E., National Aeronautics and Space Administration Fellow in Nuclear Engineering, one year from September 1, 1963, \$2,400 (4-9-63).
- HERLOCKER, DAVID W., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- HERNER, JAMES P., National Aeronautics and Space Administration Fellow in Electrical Engineering, one year from September 1, 1963, \$2,400 (3-30-63).
- HICKS, GEORGE L., JR., Teaching Fellow in Anthropology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- HILL, STEPHANIE O., Fellow in Music, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- HILL, THOMAS D., JR., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- HIRST, VIRGINIA A., Fellow in English, nine months from September 16, 1963, \$2,000, and two months from June 16, 1963, \$500 (3-30-63).
- HOEG, CAROL L., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- HOFFMAN, MARTIN R., National Aeronautics and Space Administration Fellow in Mathematics, one year from September 1, 1963, \$2,400 (4-4-63).
- HOFFMAN, RALPH A., Fellow in Accountancy, nine months from September 16, 1963, \$1,500 (3-30-63).
- HOUCHENS, ALBERT F., Teaching Fellow in Mechanical Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- HUBBARD, DOROTHY L., Fellow in Music, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- HUBBELL, JOHN T., Summer Fellow in History, two months from June 16, 1963, \$375 (4-16-63).
- HUFFNAGLE, JOHN D., Summer Fellow in Economics, two months from June 16, 1963, \$375 (4-16-63).
- HUTSON, PHILLIP L., Fellow in History, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- IKEDA, HIROSHI, Fellow in Education, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- ISSA, AHMAD D. M., Fellow in Finance, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- JACOBS, ALLAN E., Fellow in Physics, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$450 (3-30-63).
- JANSEN, PETER K., Summer Fellow in German, two months from June 16, 1963, \$375 (4-16-63).
- JOHNSON, BERNARD R., Minnesota Mining and Manufacturing Company Fellow in Physics, nine months from September 16, 1963, \$2,100 (4-10-63).
- JOHNSON, RICHARD T., Teaching Fellow in Physics, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$450 (3-30-63).



- JOHNSON, ROBERT C., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- JOHNSON, WAYNE A., Summer Fellow in Accountancy, two months from June 16, 1963, \$375 (4-16-63).
- JONES, GWEN E., Fellow in Music, nine months from September 16, 1963, \$1,500, (3-30-63).
- JONES, JANICE E., Summer Fellow in Geography, two months from June 16, 1963, \$375 (4-16-63).
- JORDAN, JAMES W., Fellow in Art, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- KAPLAN, LEONARD, Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- KARIPIDES, ANASTAS G., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- KELLEY, ERIC L., Fellow in Music, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- KENNEDY, EDWARD D., Teaching Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- KEPLER, JON S., Fellow in History, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- KEYES, PAUL L., Hackett Fellow in Animal Science, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- KILBY, VIRGINIA A. A., Fellow in Zoology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- KILLIAN, MARILYN E., Summer Fellow in Music, two months from June 16, 1963, \$375 (4-16-63).
- KIRBY, ALBERT C., National Aeronautics and Space Administration Fellow in Physiology and Biophysics, one year from September 1, 1963, \$3,000 (4-10-63).
- KLINE, C. JANIE, Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- KOPP, LINDA M., Fellow in Russian, nine months from September 16, 1963, \$1,900, and two months from June 16, 1963, \$475 (3-30-63).
- KUEHN, ELAINE M., Fellow in History, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- KUHONTA, PRECIOUS C., Wright Fellow in Agricultural Economics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- LACEY, JAMES E., Fellow in Geology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- LADD, ROBERT G., Minnesota Mining and Manufacturing Company Fellow in Chemical Engineering, nine months from September 16, 1963, \$2,000 (3-30-63).
- LAGERQUIST, DENNIS R., National Aeronautics and Space Administration Fellow in Civil Engineering, one year from September 1, 1963, \$3,000 (3-30-63).
- LANE, ARTHUR L., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- LANGNER, ERNST H., Wright Fellow in Food Technology (Dairy Technology) nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (4-8-63).
- LANIER, WARREN W., JR., Summer Fellow in Chemistry, two months from June 16, 1963, \$375 (4-16-63).
- LARSON, DENNIS L., Hackett Teaching Fellow in Agricultural Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- LATKO, ROBERT J., Union Carbide Corporation Fellow in Mechanical Engineering, nine months from September 16, 1963, \$1,800 (3-30-63).
- LAUGHLIN, EUGENE J., Lilly Endowment Fellow in Finance, one year from June 16, 1963, \$2,500 (3-30-63).
- LAXEN, RICHARD G., Fellow in Architecture, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- LEBEDA, DENNIS L., Hackett Teaching Fellow in Agricultural Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).

- LEBERMANN, KENNETH W., Wright Fellow in Food Technology, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (4-8-63).
- LEE, SAMUEL C., Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (4-10-63).
- LEHMKUHL, GEORGE D., Dow Chemical Company Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,900 (3-30-63).
- LEWELLEN, WILLIAM D., Summer Fellow in Education, two months from June 16, 1963, \$375 (4-16-63).
- LEWIS, MARCIA S., Summer Fellow in Spanish, two months from June 16, 1963, \$375 (4-16-63).
- LI, YIU-CHUNG, Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- LIDEN, ANITA E., Augustana College Fellow in Library Science, nine months from September 16, 1963, \$1,500 (3-30-63).
- LILJE, GERALD W., Fellow in Philosophy, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- LILLQUIST, KENNETH W., Fellow in Art, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (4-24-63).
- LOSEE, DAVID L., National Aeronautics and Space Administration Fellow in Physics, one year from September 1, 1963, \$2,400 (3-30-63).
- LOWE, ANTHONY D., Fellow in Political Science, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- LUCAS, KENNETH R., Socony Mobil Fellow in Chemistry, nine months from September 16, 1963, \$2,000 (4-19-63).
- LUNDQUIST, KAREN L., Teaching Fellow in Anthropology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- MAHANY, RICHARD P., Fellow in History, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- MALLIN, LEAH M., Knox College Fellow in Music, nine months from September 16, 1963, \$1,500 (3-30-63).
- MARSHALL, RUSSELL F., Monmouth College Fellow in Physics, nine months from September 16, 1963, \$1,500 (3-30-63).
- MARTIN, RICHARD T., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- MAY, DAVID R., Fellow in Psychology, nine months from September 16, 1963, \$1,500 (3-30-63).
- MAYBERRY, JOHN P., Fellow in Mathematics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- MAYOH, BRIAN H., Continental Oil Company Fellow in Mathematics, nine months from September 16, 1963, \$2,200 (4-15-63).
- MAXR, TROY A., Fellow in Social Work, nine months from September 16, 1963, \$1,500 (3-30-63).
- MCARTHUR, CAROLYN O., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- MCBRIDE, JOHN D., Summer Fellow in English, two months from June 16, 1963, \$375 (4-17-63).
- MCCLELLAN, GUERRY H., National Lead Fellow in Geology, nine months from September 16, 1963, \$1,500 (3-30-63).
- MCDERMOTT, JOHN P. J., Teaching Fellow in Mathematics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- MCGURK, DONALD J., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- McKELLAR, A. C., Teaching Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- McMANN, MARSHA R., Teaching Fellow in Dance, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- McNATT, JERROLD L., Teaching Fellow in Physics, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$450 (3-30-63).
- McVINNIE, WILLIAM W., Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- MEADOR, PRENTICE A., JR., Summer Fellow in Speech, two months from June 16, 1963, \$375 (4-17-63).

- MEEDEN, GLEN D., Summer Fellow in Mathematics, two months from June 16, 1963, \$375 (4-16-63).
- MEERSE, PEGGY C., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- MEREDITH, DALE D., Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- MILLIGAN, DAVID V., National Aeronautics and Space Administration Fellow in Chemistry, one year from September 1, 1963, \$3,400 (3-30-63).
- MITCHELL, JAMES E., Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- MITCHELL, WILLIAM T., Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- MODE, V. ALAN, JR., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- MOORE, JOHN N., Summer Fellow in Law, two months from June 16, 1963, \$375 (4-16-63).
- MOORE, WALTER P., JR., Fellow in Civil Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- MOSSBARGER, JERRY A., Owens-Corning Fiberglas Fellow in Ceramic Engineering, eleven months from September 16, 1963, \$2,100 (3-30-63).
- MUIR, WILLIAM E., Teaching Fellow in Agricultural Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- NEUFELDT, LEONARD N., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- NEUREUTHER, ANDREW R., Fellow in Electrical Engineering, nine months from September 16, 1963, \$2,000, and two months from June 16, 1963, \$500 (3-30-63).
- NEUSTEIN, SYLVIA J., Summer Fellow in French, two months from June 16, 1963, \$375 (4-16-63).
- NIEVERGELT, JURG, Fellow in Digital Computer Laboratory, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- NISS, JAMES F., Summer Fellow in Economics, two months from June 16, 1963, \$375 (4-16-63).
- O'CONNOR, LINDA H., Summer Fellow in Chemistry, two months from June 16, 1963, \$375 (4-16-63).
- ODER, DEAN A., Illinois College Fellow in History, nine months from September 16, 1963, \$1,500 (3-30-63).
- ONTMAN, MARILYN A., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- PARADIS, WILLIAM O., Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- PATTON, FRANKLIN D., Fellow in Geology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- PAYNE, WILLIAM H., Edward Orton Jr. Ceramic Foundation Fellow in Ceramic Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- PEREZ-ALBUERNE, EVELIO A., Fellow in Chemical Engineering, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- PERMAN, J. MICHAEL, Fellow in History, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- PETERSEN, HAROLD, JR., Esso Research and Engineering Company Fellow in Chemistry, nine months from September 16, 1963, \$2,000 (4-19-63).
- PETERSON, MARGARET A., Summer Fellow in Art, two months from June 16, 1963, \$375 (4-16-63).
- PETROSKI, HENRY J., Sloan Foundation Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1963, \$1,800 (3-30-63).
- PHILLIPS, ROBERT D., Fellow in Classics, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- PIEPMEIER, EDWARD H., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).

- PIERDOS, THEODORA A., Kendric C. Babcock Fellow in History, nine months from September 16, 1963, \$2,000 (3-30-63).
- POTEET, DANIEL P., II, Fellow in English, nine months from September 16, 1963, \$1,500 (3-30-63).
- PRITCHARD, LINDA, Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- PUCKETT, REGINALD T., Lubrizol Foundation Fellow in Chemistry, nine months from September 16, 1963, \$2,000 (4-22-63).
- QUIRK, RODERIC P., Roger Adams Teaching Fellow in Chemistry, nine months from September 16, 1963, \$2,000 (3-30-63).
- RAGSDALE, JAMES D., JR., Teaching Fellow in Speech, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- RAJA, K. G. VARMA, Wright Fellow in Animal Science, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- RANKIN, CAROLYN, Milliken College Fellow in English, nine months from September 16, 1963, \$1,500 (3-30-63).
- RICE, ULTAN M., Fellow in Psychology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- ROGERS, CHARLES A., Fellow in Physics, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$450 (3-30-63).
- ROHMALLER, PAUL L., Sloan Foundation Fellow in Civil Engineering, nine months from September 16, 1963, \$1,800 (4-9-63).
- RUPLEY, LAWRENCE A., Summer Fellow in Economics, two months from June 16, 1963, \$375 (4-16-63).
- SABACKY, MILTON J., Sinclair Oil Corporation Fellow in Chemistry, nine months from September 16, 1963, \$1,800 (4-19-63).
- SAWYER, JAMES A., Summer Fellow in Economics, two months from June 16, 1963, \$375 (4-17-63).
- SCHAEFER, DOUGLAS L., Fellow in Social Sciences, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- SCHIELD, SANDRA S., Katharine L. Sharp Fellow in Library Science, one year from June 16, 1963, \$500 (3-30-63).
- SCHNEIDER, BARBARA J., Fellow in Botany, nine months from September 16, 1963, \$1,500 (3-30-63).
- SCHRADER, LAWRENCE E., Fellow in Agronomy, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- SCHROEDER, WILLIAM F., United States Public Health Service Fellow (Trainee) in Veterinary Medicine, five months from March 1, 1963, \$2,375, supersedes (4-15-63).
- SCHWARTZ, RICHARD B., Fellow in English, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- SHALEK, PETER D., Fellow in Ceramic Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- SHAO, TZU-SIEN, Fellow in Mathematics, nine months from September 16, 1963, \$1,500 (3-30-63).
- SHARPE, THOMAS R., Dow Chemical Company Fellow in Chemistry, nine months from September 16, 1963, \$1,900 (4-19-63).
- SHEA, JAMES H., Shell Company Foundation Fellow in Geology, nine months from September 16, 1963, \$1,800 (3-30-63).
- SHIELDS, DOLORES D., Fellow in Music, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- SIEFERT, THOMAS E., Summer Fellow in History, two months from June 16, 1963, \$375 (4-16-63).
- SILBERSTEIN, ILAN, Fellow in Mechanical Engineering, February 1-June 15, 1964, \$750, and two months from June 16, 1964, \$375 (3-30-63).
- SIMS, LESLIE B., Fellow in Chemistry, September 16, 1963-January 31, 1964, \$900, and two months from June 16, 1963, \$540 (3-30-63).
- SINCLAIR, KENNETH E., Fellow in Education, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- SLATER, JOHN M., L. J. Norton Memorial Fellow in Agricultural Economics, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (4-8-63).
- SMITH, DON S., Summer Fellow in Law, two months from June 16, 1963, \$375 (4-16-63).

- SMITH, ROBERT A., Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- SMITH, ROGER A., Teaching Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- SMITH, THOMAS E., JR., Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- SOLOMON, KENNETH I., Fellow in Accountancy, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- SORENSEN, ALMA D., James W. Garner Fellow in Political Science, nine months from September 16, 1963, \$2,000 (3-30-63).
- SPARROW, RITA L., Fellow in French, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- SPENCLEY, KENNETH J., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- STEFFEN, WILLIAM W., Teaching Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- STEIN, ALLAN R., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- STERN, DANIEL H., Summer Fellow in Zoology, two months from June 16, 1963, \$375 (4-16-63).
- STEVENS, KENT R., Fellow in Dairy Science, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- STROMSTA, ROGER R., Teaching Fellow in Mechanical Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- STURGUL, JOHN R., Special Fellow in Mining Engineering, nine months from September 16, 1963, \$2,000 (3-30-63).
- SU, JULIA K., Fellow in Chemistry, September 16, 1963-January 31, 1964, \$900, and two months from June 16, 1963, \$540 (3-30-63).
- SUSMAN, N. BRADLEY, Fellow in City Planning, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- SVOB, MICHAEL J., Summer Fellow in English, two months from June 16, 1963, \$375 (4-16-63).
- SWANSON, PAUL J., JR., Summer Fellow in Finance, two months from June 16, 1963, \$375 (4-16-63).
- SWANSON, ROGER M., North Central College Fellow in English, nine months from September 16, 1963, \$1,500 (3-30-63).
- SWINSON, HENRY W., Fellow in English, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- SWINSON, WELDON F., Teaching Fellow in Theoretical and Applied Mechanics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- TASCH, ALOYSIOUS F., JR., Fellow in Physics, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$450 (3-30-63).
- TAYLOR, DOUGLAS H., Fellow in Mathematics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- TAYLOR, JANE U., Fellow in Spanish, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- TERNES, JOHN, Summer Fellow in German, two months from June 16, 1963, \$375 (4-16-63).
- TILLING, JAMES R., Fellow in Political Science, nine months from September 16, 1963, \$1,900, and two months from June 16, 1964, \$475 (3-30-63).
- TILSON, LAVINA C., Fellow in Spanish, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- TORRES, DAVID, Fellow in Spanish, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- TRACEY, ROBERT J., Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- TRAVERS, KENNETH J., Fellow in Education, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- TREPTOW, RICHARD S., Summer Fellow in Chemistry, two months from June 16, 1963, \$375 (4-16-63).

- TRESCOTT, PETER C., Fellow in Geology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- TRUITT, WILLIAM J., Summer Fellow in Economics, two months from June 16, 1963, \$375 (4-16-63); and Fellow in Economics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- VAN BUER, FRANKLIN D., Fellow in Economics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- VAN DER NAALD, ANJE C., Fellow in Spanish, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- VARSA, EDWARD C., Hackett Fellow in Agronomy, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (4-1-63).
- VOICH, DAN, JR., Fellow in Business, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-28-63).
- VON RIESEN, RICHARD D., Teaching Fellow in Marketing, nine months from September 16, 1963, \$1,500, and two months from June 16, 1963, \$375 (3-30-63).
- WAGGENER, SARA E., Fellow in Psychology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- WAGNER, ROBERT E., Teaching Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- WALLACE, JAMES T., Summer Fellow in Zoology, two months from June 16, 1963, \$375 (4-16-63).
- WALTERS, JOHN P., Procter and Gamble Company Fellow in Chemistry, nine months from September 16, 1963, \$2,100 (4-19-63).
- WALTERS, WILLIAM B., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- WARD, WILLIAM J., III, American Oil Foundation Fellow in Chemical Engineering, one year from September 1, 1963, \$3,600 (4-15-63).
- WASSERMAN, MARGO A., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- WEAVER, WALTER L., III, Fellow in Aeronautical and Astronautical Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- WEBER, CARL S., United States Public Health Service Fellow in Chemistry, one year from February 1, 1963, \$4,000 (4-2-63).
- WEBER, FRANK E., Fellow in Food Technology, nine months from September 16, 1963, \$1,800, and two months from June 16, 1964, \$600 (3-30-63).
- WEBSTER, LEE A., Automotive Safety Foundation Fellow in Highway Engineering, nine months from September 16, 1963, \$1,500 (3-30-63).
- WEINSTEIN, JAY A., Teaching Fellow in Sociology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- WEISGERBER, DAVID W., Fellow in Chemistry, September 16, 1963-January 31, 1964, \$900, and two months from June 16, 1963, \$540 (3-30-63).
- WELSH, ARTHUR L., Summer Fellow in Economics, two months from June 16, 1963, \$375 (4-16-63).
- WHITE, JOHN M., Fellow in Chemistry, nine months from September 16, 1963, \$1,800, and two months from June 16, 1963, \$600 (3-30-63).
- WICKRAMASINGHE, DIAMANTIA N. T., Fellow in Entomology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- WIDMANN, RUTH L., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- WILEY, JACK C., Summer Fellow in Theoretical and Applied Mechanics, two months from June 16, 1963, \$375 (4-16-63).
- WILLIAMS, JUDITH A. O., Fellow in Biophysics, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- WILSON, DAVID W., Sprague Electric Company Fellow in Physics, nine months from September 16, 1963, \$2,100 (4-10-63).
- WOLFSON, MELVILLE Z., Fellow in Economics, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- WOODMANSEE, DONALD E., Sun Oil Company Fellow in Chemical Engineering, eleven months from September 16, 1963, \$2,300 (3-30-63).
- WOODS, PAULA M., Illinois Wesleyan University Fellow in English, nine months from September 16, 1963, \$1,500 (3-30-63).

- WU, SHU-YAU, Fellow in Electrical Engineering, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- WRIGHT, RAMIL C., Fellow in Geology, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- YANG, HENDERSON C. H., Teaching Fellow in Physics, nine months from September 16, 1963, \$2,000, and two months from June 16, 1964, \$500 (3-30-63).
- YODER, WILBUR E., Summer Fellow in Architecture, two months from June 16, 1963, \$375 (4-16-63).
- ZELNICK, STEPHEN C., Fellow in English, nine months from September 16, 1963, \$1,500, and two months from June 16, 1964, \$375 (3-30-63).
- ZENGE, MICHAEL W., Teaching Fellow in Music, nine months from September 16, 1963, \$1,950, and two months from June 16, 1964, \$500 (3-30-63).

#### DECLINATIONS, RESIGNATIONS, AND TERMINATIONS

- ALLEMAN, MRS. WINIFRED, Assistant Agriculture Librarian, with rank of Instructor—resignation effective June 16, 1963.
- BAGBY, ROLAND M., United States Public Health Service Fellow (Trainee) in Physiology—termination effective April 1, 1963.
- BARBER, DENNIS, Instructor in Operative Dentistry (Dentistry)—resignation effective April 1, 1963.
- BAULING, DOUGLAS B., Teaching Fellow in Agricultural Engineering—resignation effective June 16, 1963.
- BELL, CHARLES L., Assistant Professor of Chemistry (Pharmacy), Summer Session of 1963—declination effective July 29, 1963.
- BOND, JAMES A., Assistant Professor of Biological Sciences (Chicago Undergraduate Division), Summer Session of 1963—declination effective June 21, 1963.
- BOWMAN, CLETUS E., Professor of Theoretical and Applied Mechanics, Summer Session of 1963—declination effective June 17, 1963.
- CHABOT, ANDRE, Assistant Professor of Pediatrics (Medicine)—resignation effective May 7, 1963.
- CHIHARA, CHARLES S., Assistant Professor of Philosophy—resignation effective September 1, 1963.
- CORDELL, HOWARD W., Instructor in Library Science—resignation effective September 1, 1963.
- CRILEY, BRUCE B., Teaching Fellow in Zoology—resignation effective June 16, 1963.
- DIESING, PAUL R., Assistant Professor of Philosophy—resignation effective September 1, 1963.
- DIVILBISS, JAMES L., Research Associate in the Coordinated Science Laboratory—resignation effective May 1, 1963.
- DOCKRILL, MICHAEL L., Fellow in History—resignation effective June 16, 1963.
- EXUM, MRS. DOLORES B., Instructor in Medical Social Work (Medicine)—resignation effective April 28, 1963.
- FEINSTEIN, AMIEL, Assistant Professor of Mathematics—resignation effective April 1, 1963.
- FISHER, BARBARA N., Research Assistant in Chemistry—resignation effective September 16, 1962.
- FOGHT, MRS. MARTHA, Research Assistant in Zoology—resignation effective April 1, 1963.
- FROCHT, MAX M., Visiting Professor of Theoretical and Applied Mechanics—declination effective September 1, 1963.
- GALLAGHER, ROBERT E., Assistant Professor of English (Chicago Undergraduate Division), Summer Session of 1963—declination effective June 21, 1963.
- HEILIGER, EDWARD M., Librarian in the Chicago Undergraduate Division and Professor of Library Administration—resignation effective September 1, 1963.
- HOLLON, GEORGE W., Associate Professor of Civil Engineering—resignation effective September 1, 1963.
- JOHNSON, CHARLES E., Associate Professor of Education, Summer Session of 1963—declination effective June 17, 1963.
- MADSEN, ALBERT G., Research Associate in Marketing—resignation effective May 9, 1963.

- MEAGHER, GEORGE B., Assistant in Dermatology (Medicine) — resignation effective March 1, 1963.
- MOWRER, WILLIE MAE, Assistant Professor of Home Economics, Summer Session of 1963 — declination effective June 17, 1963.
- NARASINGA-RAO, K. V., Research Associate in Electrical Engineering — resignation effective May 8, 1963.
- OSMAN, ELIZABETH M., Associate Professor of Home Economics — resignation effective September 1, 1963.
- RANGA RAO, R., Instructor in Mathematics, Summer Session of 1963 — declination effective June 17, 1963.
- RUBINSTEIN, MRS. VIRGINIA, Serials Cataloger in the Library, with rank of Instructor — resignation effective April 15, 1963.
- RYAN, DAVID G., Professor of Mechanical Engineering — declination effective June 16, 1963.
- SCOTTON, DONALD W., Associate Professor of Marketing, Summer Session of 1963 — resignation effective June 17, 1963.
- SHEA, JAMES H., Fellow in Geology — resignation effective June 16, 1963.
- SKOLEN, THORALF A., Visiting Professor of Mathematics — resignation effective April 15, 1963.
- SMITH, JAMES O., Professor of Theoretical and Applied Mechanics, Summer Session of 1963 — declination effective June 17, 1963.
- SWALLOW, RONALD J., United States Public Health Service Fellow (Trainee) in Biophysics — resignation effective February 1, 1963.
- THORNTON, HUBERT R., Research Associate in Ceramic Engineering — resignation effective May 16, 1963.
- THUN, EDWARD H., Research Assistant in Pharmacognosy and Pharmacology (Pharmacy) — resignation effective April 16, 1963.
- WEIDERT, JOHN F., Assistant Extension Editor, with rank of Instructor — resignation effective April 19, 1963.
- WEIMER, CLARA B., Assistant Professor of Psychology, Department of Psychiatry (Medicine) — resignation effective March 1, 1963.

#### LEAVES OF ABSENCE

- ELAZAR, DANIEL J., Assistant Professor in the Institute of Government and Public Affairs — leave of absence, without pay, for one month from July 1, 1963, so that he may take advantage of a research fellowship for study in the Huntington Library, San Marino, California.
- FREUND, ERIC C., Research Associate in the Bureau of Community Planning — extension of leave of absence, without pay, for continued service to the Illinois Board of Economic Development, from January 1 through August 31, 1963.
- FRITH, DONALD E., Associate Professor of Art — leave of absence, without pay, for one year from September 1, 1963, so that he may accept a Danforth Fellowship for advanced study.
- HENNESSEY, JAMES J., Instructor in Art — additional leave of absence, without pay, for one year from September 1, 1963, so that he may continue his studies at the American Academy in Rome under a Prix de Rome Fellowship.
- KARSH, BERNARD, Associate Professor of Sociology, and in the Institute of Labor and Industrial Relations — leave of absence, without pay, for one year from September 1, 1963, for the purpose of study at Stanford University.
- KASKE, ROBERT E., Professor of English — leave of absence, without pay, beginning September 1, 1963, and continuing through February 29, 1964, so that he may accept a visiting professorship at Cornell University.
- NICHOLS, J. ALDEN, Associate Professor of History — leave of absence, without pay, for one year from September 1, 1963, so that he may accept a Senior Fulbright Fellowship for study and research in Germany.
- PALMER, JOHN D., Assistant Professor of Biological Sciences (Chicago Undergraduate Division) — leave of absence, without pay, for one year from September 1, 1963, so that he may study and do research at the University of Bristol, in England, under a postdoctoral fellowship.
- PERLMUTTER, MRS. SHIRLEY, Instructor in Occupational Therapy (Medicine) — leave of absence, without pay, from June 24 through August 31, 1963.



- ROSEN, SIDNEY, Associate Professor of Physical Science, in the Division of General Studies — leave of absence, without pay, for one year from September 1, 1963, so that he may serve as a Visiting Professor in Colombia, South America, under sponsorship of the Ford Foundation.
- SAYRE, ROBERT F., Instructor in English — leave of absence, without pay, for one year from September 1, 1963, so that he may accept a Fulbright lectureship for lectures and studies in Sweden.
- SPARGO, MRS. GLADYS R., Acquisition Assistant in the Library (Chicago Undergraduate Division) — leave of absence, without pay, beginning June 17 and continuing through July 31, 1963, so that she may attend the Graduate Library School in Urbana.
- SPERA, FRANK X., Instructor in Fixed Partial Prosthodontics (Dentistry) — leave of absence, without pay, beginning March 22 and continuing through August 31, 1963, on account of illness.
- STARR, CHESTER G., Professor of History — leave of absence, without pay, for one year from September 1, 1963, so that he may accept a visiting professorship at the University of Washington.
- THOMAS, GARTH J., Professor of Physiology and Research Professor of Electrical Engineering — leave of absence, without pay, from July 15 through August 31, 1963, so that he may accept an invitation to teach in the Department of Psychology during the summer session at the University of Washington, Seattle.
- WESTMEYER, PAUL, Assistant Professor of Education — leave of absence, without pay, for one year from September 1, 1963, so that he may accept a visiting assignment as staff member in the Science Education Center of the University of Texas.

#### RETIREMENTS

- LENDRUM, FREDERICK C., Associate Professor of Medicine (Medicine) — retirement effective February 13, 1963.

#### JUNE AND JULY MEETINGS

President Clement reminded the Board that it had previously voted to hold its June meeting on Wednesday, June 19, in Peoria, and asked if any of the Trustees desired to offer suggestions concerning arrangements for the meeting. It was the consensus of the Trustees that the President and Secretary of the Board of Trustees should decide upon the place and the schedule of the meeting.

Consideration was also given to holding the July meeting on Tuesday, July 2, if the internal operating budget for 1963-64 can be prepared for presentation to the Board at that time.

#### EXECUTIVE SESSION

President Clement announced that an executive session had been requested and was being ordered for consideration of recommendations relating to property acquisitions and that this session would be held following a recess for luncheon.

At 12:45 p.m., on motion of Mr. Swain, the Board recessed.

Student representatives of the colleges and departments at the Medical Center, members of the Vice-President's Advisory Council, and members of the Medical Center Committee on Educational Policy were guests of the Board at luncheon and were introduced.

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

The Board considered the following reports and recommendations.

**PURCHASE OF PROPERTIES**

(1) The Director of the Physical Plant and the Vice-President and Comptroller recommend purchase of the following properties for the purposes and at the prices indicated:

- 1114 West Oregon Street, Urbana, for temporary housing..... \$34 000  
 A two-story and basement frame dwelling on a lot 65 feet by 157 feet;  
 possession will be delivered by June 15, 1963.
- 909-909½ South Fifth Street, Champaign, as part of the site for a residence hall for single graduate students..... 37 500  
 A three-story and basement frame house on a lot 57 feet by 140 feet;  
 possession will be delivered by July 1, 1963.

Funds are available in the state capital appropriations to the University from the 1961-63 Bond Issue and have been released.

The prices are consistent with appraisals secured by the University and with the recommendations for the acquisition of these properties which have previously been submitted to and concurred in by the Committee on Buildings and Grounds.

The Board of Trustees on March 20, 1963, authorized condemnation proceedings for acquisition of the property at 909-909½ South Fifth Street, Champaign. However, through subsequent negotiations, the price indicated has been agreed upon, which is within the limit authorized by the Committee on Buildings and Grounds. This price also appears to be the lowest price for which the property can be acquired without condemnation proceedings.

I recommend authorization of these purchases, and further recommend that the Board rescind its resolution of March 20, 1963, with respect to condemnation proceedings for acquisition of the property at 909-909½ South Fifth Street, Champaign.

On motion of Mr. Pogue, the purchase of these properties, at the prices recommended, was authorized by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Johnston, Mr. Kerner, Mr. Page.

**ACQUISITION OF PROPERTY AT 1306 WEST STOUGHTON STREET,  
 URBANA, ILLINOIS**

(2) University representatives have been negotiating for the purchase of the property at 1306 West Stoughton Street, Urbana, Illinois. The property is a lot 44 feet by 132 feet (5,808 square feet) with a two-story and basement frame building now used as an apartment by the owner and for student rooms. The land is needed as part of the site for College of Engineering buildings, and specifically for the new Civil Engineering Building.

On the basis of University appraisals, the owners have been advised that a recommendation would be made to the Board of Trustees for the purchase of the property at a price of \$22,000, but the offer is not acceptable and the asking price remains substantially in excess of the highest University appraisal.

Accordingly, the Director of the Physical Plant and the Vice-President and Comptroller recommend that the Board of Trustees authorize condemnation proceedings for the acquisition of the property.

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

I concur and recommend adoption of the following resolution:

**Resolution Authorizing Condemnation of Property At  
 1306 West Stoughton Street, Urbana, Illinois**

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

The West Forty-four (44) feet of Lot Nine (9) in Block Fifty-one (51) of the Seminary Addition to Urbana, and all of Lot Nine (9) except the East

Twenty-two (22) Feet thereof in Block Fifty-one (51) in the Seminary Addition to Urbana, situated in the City of Urbana, in the County of Champaign, in the State of Illinois:

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

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

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

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

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

**PURCHASE OF PROPERTY AT 1310 WEST STOUGHTON STREET,  
URBANA, ILLINOIS**

(3) The Director of the Physical Plant and the Vice-President and Comptroller recommend the purchase of the property at 1310 West Stoughton Street, Urbana,

Illinois, at a price of \$20,000, required as part of the site for construction of the new Civil Engineering Building.

The property consists of a lot 50 feet by 132 feet (6,600 square feet) and is improved with a one-story and basement frame dwelling.

The Committee on Buildings and Grounds has been consulted regarding this purchase and recommends approval.

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

I concur.

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

At 3:00 p.m., on motion of Mr. Hughes, the Board recessed until 7:30 p.m.

#### EVENING SESSION

Pursuant to the schedule announced in the official notice of today's meeting of the Board of Trustees of the University of Illinois, the Board reconvened at 7:30 p.m. in the Illinois Room of the LaSalle Hotel, Chicago. This session was held at the LaSalle Hotel for the convenience of the public and especially representatives of the contractors interested in the awards of the Congress Circle construction contracts.

The following members of the Board were present: Mr. Howard W. Clement, Mr. Irving Dilliard, Mr. Earl M. Hughes, Mr. Wayne A. Johnston, Mr. Harold Pogue, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, Mr. Kenney E. Williamson. Mr. Ray Page 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 of the Chicago Undergraduate Division, Vice-President Joseph S. Begando of the Medical Center, Director C. S. Havens of the Physical Plant, Mr. C. E. Flynn, Assistant to the President and Director of Public Information, Mr. James J. Costello, Legal Counsel, Mr. Edward S. Sefcik and Mr. Donald C. Neville, Assistants to the Director of the Physical Plant, Mr. Richard Kreutz of the firm of Skidmore, Owings, and Merrill, Architects and Engineers, Chicago; and the officers of the Board, Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary.

#### CAPITAL BUDGET AND BUILDING PROGRAM FOR 1963-65

President Clement announced that Mr. Williamson as Chairman of the Finance Committee desired to present a resolution with respect to the University's capital budget for 1963-65 in the event that some action may need to be taken prior to the June meeting of the Board of Trustees and it is not feasible to call a special meeting of the Board. Mr. Williamson offered the following:

*Resolved:* That the Executive Committee of the Board of Trustees is empowered to take whatever action it deems necessary to modify the form of the University's capital budget request for 1963-65, as heretofore approved, to adjust the capital needs expressed in that budget to any funding arrangement which

supplies such capital from sources other than state appropriations, such as the Illinois Building Authority.

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

#### CONTRACTS FOR CONSTRUCTION OF THE CONGRESS CIRCLE CAMPUS

At the request of the President of the University, Director C. S. Havens of the Physical Plant presented a report he had made to the President on May 13, 1963, on the bids received on April 11 and 18, 1963, for all construction at the Congress Circle Campus with the exception of the Heating Plant and the Congress Circle Union Building. Copies of the report were distributed to all the Trustees at the meeting (and subsequently were sent to the absentees), and a copy was filed with the Secretary for record. Following this report, Director Havens presented specific recommendations made by him and the Vice-President and Comptroller for the award of contracts for construction of buildings, and other improvements, on the Congress Circle Campus including: the Staff and Administration Offices Building, Classroom Complex Building, Library Building, Site Development—Lecture Center, Engineering and Sciences Laboratories Building, Physical Plant Building, and landscaping, the award in each case being to the lowest bidder.

Director Havens announced that recommendations will be submitted later for awards of contracts for the Heating Plant and the Union Building, which will complete construction of the first phase of the Congress Circle Campus.

The specific recommendations for the awards of contracts follow.

General Work (Division I) for all projects—Gust K. Newberg	
Construction Company, Chicago.....	\$23 943 930 00
Base bid .....	\$23 422 000 00
Additive alternates	
Assignment of other contracts to the general contractor .....	150 000 00
Painting various interior areas.....	3 000 00
Painting corridors .....	13 000 00
Substitute glass of 1 to 3 per cent light transmission for 9 to 11 per cent in the classroom complex .....	34 300 00
Substitute masonry wall for a chain link fence at Blue Island Avenue and at Roosevelt Road .....	40 000 00
Substitute Morgan Street entrance for a Blue Island entrance.....	35 000 00
Construct ramp and elevated walkway across Taylor Street.....	143 000 00
Add suspended acoustical ceilings to certain rooms in the Staff and Administration Offices Building .....	3 000 00
Substitute plaster finish coat construction for dry wall in Staff and Administration Offices Building .....	33 000 00
Substitute concrete for stabilized base for areas to be paved.....	68 000 00

Deductive alternate	
Omit certain pipe railings in the Engineering and Sciences Laboratories Building.....	370 00
Plumbing (Division II) for the	
Staff and Administration Offices Building — Nu-Way Plumbing Service, Inc., Chicago.....	269 000 00
Classroom Complex — E. Ranieri and Sons Plumbing and Heating Corporation, Chicago.....	172 998 00
Library — E. Ranieri and Sons Plumbing and Heating Corporation, Chicago .....	96 488 00
Site Development — Lecture Center — Economy Plumbing and Heating Company, Inc., Skokie.....	498 000 00
Engineering and Sciences Laboratories — Frank S. Bellis, Berwyn .....	396 500 00
Base bid .....	\$ 398 000 00
Deductive alternate for substitution of pyrex pipe for Duriron pipe.....	— 1 500 00
Physical Plant Building — Ewing Plumbing, Inc., River Forest .....	78 790 00
Heating, Piping, Refrigeration, and Automatic Temperature Control Systems (Division III) for the	
Staff and Administration Offices Building — Gage Park Heating Company, Inc., Chicago.....	464 900 00
Classroom Complex — Frank S. Bellis, Berwyn.....	515 000 00
Library — William A. Pope Company, Chicago.....	162 000 00
Site Development — Lecture Center — P. Nacey Company, Chicago.....	617 000 00
Engineering and Sciences Laboratories — P. Nacey Company, Chicago .....	349 300 00
Physical Plant Building — P. Nacey Company, Chicago.....	115 000 00
Ventilating and Distribution Systems for Conditioned Air (Division IV) for all projects — H. G. Prizant and Company, Chicago.....	1 285 000 00
Electric Wiring (Division V) for all projects — Fischbach, Moore, and Morrissey, Inc., Chicago .....	3 150 069 00
Base bid .....	\$ 3 144 000 00
Additive alternate for lighting at Taylor Street Bridge .....	6 069 00
Laboratory Furniture (Division VI) for the Engineering and Sciences Laboratories — Metalab Equipment Company, Hicksville, New York .....	556 864 00
Landscape Work — Felix Grundstrom Landscaping Company, Niles.....	360 381 50
Base bid .....	\$ 242 900 00
Additive alternates for providing lawn in the following areas:	
North of Harrison, west of Morgan.....	23 033 00
North of Harrison, east of Morgan.....	5 941 00
North of Harrison, west of Halsted.....	5 563 00
South of Harrison, west of Halsted.....	12 436 00
East of Halsted, north of Taylor.....	10 502 50
East of Morgan, north of Arthington....	2 544 00
North of Taylor, east of Blue Island.....	7 932 00
North of Taylor, west of Halsted.....	5 204 00
West of Halsted, south of Taylor.....	18 240 00
East of Halsted, south of Taylor.....	11 354 00
Lawn in lieu of Blue Island Entrance....	5 272 00
Landscaping for Morgan Street Entrance.....	9 460 00
Total .....	\$33 031 220 50

It is also recommended that an agreement be executed with the Gust K. Newberg Construction Company, Chicago, for the assignment to this Company of all contracts other than the general contract and the

contract for landscaping at a fee of \$150,000, which is the amount bid by that Company for a service charge for supervision of other contracts assigned to the general contractor. This will make the total contract with the Gust K. Newberg Construction Company \$32,670,839.

Funds are available in the state capital appropriations to the University for 1961-63 from the Universities Building Fund, subject to release by the Governor.

Copies of the foregoing recommendation were distributed to the Trustees at the meeting with a supporting report from the Physical Plant Department, including a summary of bids received, a copy of which was filed with the Secretary of the Board for record.

The President of the University stated that he concurs in these recommendations.

At the conclusion of this presentation, representatives of some of the bidders requested, and were granted permission by the Board in each case, to ask questions and to present statements. Representatives of the following firms were heard:

P. Nacey Company, Chicago, with respect to awarding this Company all contracts in Division III;

Corbetta Construction Company, Inc., New York, with respect to the contract for Division I (general work on the Site Development—Lecture Center);

Modine Manufacturing Company, a subcontractor, with respect to supplying equipment for Division III.

Replies to the questions raised were made by Director Havens and Mr. Richard Kreutz of the firm of Skidmore, Owings and Merrill, Architects and Engineers, Chicago.

On May 16, the day following the Board of Trustees meeting, a telegram was received from a representative of the George A. Fuller Company, Chicago and New York, with respect to that Company's bid for the general work for the Staff and Administration Offices Building. A copy of that telegram and the reply has been filed with the Secretary of the Board for record.

Copies of correspondence, subsequent to the Board of Trustees meeting, concerning the questions raised by the representatives of the Modine Manufacturing Company and the representatives of the Corbetta Construction Company, Inc., have also been filed with the Secretary for record.

At the conclusion of the discussion of the questions raised, on motion of Mr. Johnston, the recommendations for the awards of the contracts as presented were approved by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Hughes, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Governor Kerner, Mr. Page.

On motion of Mr. Johnston, the Board adjourned.

A. J. JANATA  
*Secretary*

HOWARD W. CLEMENT  
*President*