

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

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**November 23, 1963**



The November meeting of the Board of Trustees of the University of Illinois was held in the Illini Union, Urbana, Illinois, on Saturday, November 23, 1963, beginning at 9:30 a.m.

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

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

### TRIBUTE TO PRESIDENT OF THE UNITED STATES

When the meeting convened, President Clement asked all present to stand in a silent tribute to the late President John F. Kennedy.

### 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>
MARTIN GREENMAN	Skokie, Illinois	District of Columbia
THOMAS ELWOOD HENEY, JR.	Huntingdon Valley, Pennsylvania	Pennsylvania
FRED EPHRAIM SCHOENBURG	Skokie, Illinois	District of Columbia
BRIAN OWEN SHANNON	Chicago, Illinois	Indiana
GLEN WILSON VANTREASE	Gary, Indiana	Indiana
HARVEY EMIL WETZEL	Homewood, Illinois	Wisconsin

I concur.

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

### APPOINTMENTS TO THE FACULTY

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

1. CHARLES MILTON GARVERICK, Assistant Professor of Educational Psychology, beginning February 1, 1964, at an annual salary of \$8,400.
2. LOWELL DEAN HILL, Assistant Professor of Marketing Extension, Department of Agricultural Economics, beginning November 11, 1963, at an annual salary of \$10,000.
3. SUSHIL DUA SHARMA, Visiting Assistant Professor of Psychology and of Physiology, for one year from September 1, 1963, one-third time, at a salary of \$2,600.
4. ROBERT M. TOMLINSON, Assistant Professor of Vocational and Technical Education, College of Education, beginning February 1, 1964, at an annual salary of \$9,600.
5. JOHN C. TOTI, Assistant Professor of Educational Psychology, College of Education, beginning September 1, 1963, at an annual salary of \$8,500.
6. CHARLES E. WARWICK, Assistant Dean of Admissions and Records, with rank of Assistant Professor, beginning March 1, 1964, at an annual salary of \$13,000.

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

### DEPARTMENT OF LINGUISTICS

(3) On recommendation of the Executive Committee of the College of Liberal Arts and Sciences, the Urbana-Champaign Senate has recommended establishment of a Department of Linguistics to provide a much-needed focus for the various aspects of linguistic study now conducted at the Urbana-Champaign

campus. At present a graduate program is offered in linguistics leading to the degree of Master of Arts and Doctor of Philosophy. This program is administered by an interdepartmental committee whose chairman serves as the program director.

The Department will offer two main curricula with certain possible additions: (a) graduate programs in descriptive linguistics and historical linguistics, and graduate interdisciplinary programs in psycholinguistics, ethno linguistics, and experimental phonetics; and (b) instruction in non-Western languages to be instituted later, eventually providing at least two years of elementary Chinese, Japanese, Hindi, Arabic, and selected southeast Asian languages such as Burmese or Indonesian. The Department will also offer graduate programs of instruction and research leading to degrees of Master of Arts and Doctor of Philosophy in Linguistics, with the possible addition of a one-year certificate for foreign teachers of English who can afford only one year of graduate training in this country.

The College of Liberal Arts and Sciences and the new Department would recognize the prior claim of the existing language departments to continue to offer courses of a linguistic nature which draw their material from the languages they teach and which are a part of the training at all levels of teachers of such languages.

Submitted herewith is a supporting statement concerning the proposal for the new Department, a copy of which is being filed with the Secretary of the Board for record.

The University received funds in its 1963-65 legislative appropriation for the establishment of a Department of Linguistics and for the kind of expansion of the program outlined above.

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

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

#### **DOCTOR OF PHILOSOPHY IN AGRICULTURAL ENGINEERING**

(4) On recommendation of the Executive Committee of the Graduate College, the Urbana-Champaign Senate has recommended establishment of a graduate program leading to the degree of Doctor of Philosophy in Agricultural Engineering to meet the great demand for agricultural engineers with the Doctor of Philosophy degree from colleges and universities, state and federal government agencies, industries which serve agriculture, and many of the food industries.

The program will fulfill all the standard requirements of the Graduate College for the degree of Doctor of Philosophy. It provides for a major in agricultural engineering with a minor or minors in other graduate departments of engineering, mathematics, physics, including soil physics, or other disciplines in the physical sciences. The program, including the specific courses, is submitted herewith, and a copy is being filed with the Secretary of the Board for record.

The Board of Trustees in 1948 approved a recommendation from the Senates for a graduate program leading to the degree of Master of Science in Agricultural Engineering.

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

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

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

#### **DEPARTMENT OF URBAN PLANNING AND LANDSCAPE ARCHITECTURE AND REVISION OF CURRICULUM IN CITY PLANNING**

(5) The Urbana-Champaign Senate has approved recommendations from the College of Fine and Applied Arts that: (1) the name of the Department of City Planning and Landscape Architecture be changed to Department of Urban Planning and Landscape Architecture, (2) the title of the curriculum in city planning be changed to curriculum in urban planning, (3) the curriculum be revised to increase the total number of semester hours required for graduation from 122 to 132, exclusive of the general University requirements in military

training and physical education, and (4) the name of the degree be changed from Bachelor of Science in City Planning to Bachelor of Urban Planning. The master's degree will be changed to Master of Urban Planning.

Submitted herewith is a supporting memorandum giving the details of the proposed revision of the city planning curriculum, and a copy is being filed with the Secretary of the Board.

The present city planning curriculum was established in 1953 and was revised in 1957. The proposed changes provide a more flexible program, full compliance with the general education requirements approved by the Senates and the Board of Trustees, and will also provide improved professional and supporting course work. Professional courses will be concentrated in the junior and senior years since many of the students enrolled in this curriculum are transfers from other curricula. The proposed degree of Bachelor of Urban Planning is recognized by the American Institute of Planners as evidence of a professional education and qualifies the graduate for membership in professional organizations.

The proposed program will add three new courses not now offered and will drop one course and part of another.

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

All these changes are to become effective September 1, 1964.

I recommend approval.

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

#### **REVISIONS IN THE CURRICULUM PREPARATORY TO THE TEACHING OF RUSSIAN**

(6) The Urbana-Champaign Senate has approved a recommendation from the College of Liberal Arts and Sciences and the Council on Teacher Education for certain revisions in the curriculum preparatory to the teaching of Russian leading to the degree of Bachelor of Arts in the Teaching of Russian, to become effective immediately.

Submitted herewith is an extract from the report of the Committee on Courses and Curricula of the College of Liberal Arts and Sciences giving the details of these revisions, including the specific requirements in education courses, teachers' major and minor in Russian, approved sequences in other courses, and recommended electives, a copy of which is filed with the Secretary of the Board.

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

I concur.

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

#### **EMPLOYMENT OF ARCHITECT FOR THE DIGITAL COMPUTER LABORATORY SECOND ADDITION**

(7) The Director of the Physical Plant and the Vice-President and Comptroller recommend the employment of A. Epstein and Sons Inc., Chicago, for architectural services for the second addition to the Digital Computer Laboratory, at a fee of 5¼ per cent of the total construction cost, with the understanding that supervisory services will be limited to office supervision, checking of drawings, approval of materials, and periodic visits to the project.

Funds are available from United States government contracts.

I concur.

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

#### **CONTRACTS FOR IMPROVEMENTS AT THE NATURAL HISTORY BUILDING**

(8) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of contracts for remodeling in the Natural History Building, the award in each case to the lowest bidder:

General—English Brothers Company, Champaign.....	\$190 760
Base bid .....	\$185 300
Additive alternates for:	
Service charge for supervision of other contracts assigned to the general contractor.....	3 000

Substitution of rubber floor covering for vinyl asbestos in the lecture room.....	1 110
Addition of terrazzite on entrance stairs.....	1 350
Electrical—William H. Brunkow, an individual doing business as Brunkow Electric Company, Champaign.....	19 717
Plumbing—Reliable Plumbing and Heating Company, Champaign....	5 190
Heating and Air Conditioning—F. R. Inskip, an individual doing business as Inskip Plumbing, Heating, and Air Conditioning Company, Champaign.....	9 125
Ventilating—F. R. Inskip, an individual doing business as Inskip Plumbing, Heating, and Air Conditioning Company, Champaign..	15 885
<i>Total</i> .....	<u>\$240 677</u>

Since one contractor is the lowest bidder on both heating and air-conditioning work and on ventilating work, it is also recommended that these two awards be combined in a single contract for a total amount of \$25,010.

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 \$240,677; and it is further recommended that an agreement be entered into with English Brothers Company, Champaign, for the assignment of these other contracts for \$3,000, which amount is included in the contract price being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in state capital appropriations to the University for 1963-65 and have been released.

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

I concur.

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

#### CONTRACT FOR ELECTRICAL ENGINEERING BUILDING ELEVATOR MODERNIZATION

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend award of a contract for \$10,041 to the Otis Elevator Company, Chicago, for modernization of the Electrical Engineering Building freight elevator.

Funds are available in the construction budget of the Electrical Engineering Building addition.

I concur.

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

#### CONTRACT FOR CAMPUS BUS SERVICE

(10) The Director of the Physical Plant and the Vice-President and Comptroller recommend extension of the present contract with the Champaign-Urbana City Lines, Inc. for the campus bus service for students and staff until January 31, 1964. The present contract which was authorized by the Executive Committee of the Board on August 1, 1963, will expire November 27. When studies, now under way, of a more comprehensive campus transportation program are more advanced, bids will be taken and a further report will be made to the Board. In the meantime, it is desired to continue providing bus transportation for students and staff as approved by the Executive Committee of the Board when the present contract was authorized.

Submitted, herewith, is a copy of the recommendation for the campus bus service now in operation as approved on August 1, 1963, and a copy is being filed with the Secretary of the Board as a part of this record.

On motion of Mr. Swain, extension of this contract was authorized 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.

**CONTRACT FOR STEAM SERVICE TO AN OUT-PATIENTS HEALTH SERVICE BUILDING IN THE MEDICAL CENTER DISTRICT**

(11) The Director of the Physical Plant and the Vice-President and Comptroller recommend authorization of a contract with Union Health Service, Inc., for steam service from the Medical Center Steam Company Plant to an Out-Patients Health Service Building being constructed in the Medical Center District, North of Polk Street between Marshfield Avenue and Ashland Avenue, said contract to be on the same basis as the University's contracts with other consumers of steam in the Medical Center District supplied by the Company in accordance with its corporate powers and responsibilities.

The requirements of this Out-Patients Health Service Building will not exceed 2500 pounds per hour maximum demand, which is within the capacity of the present plant and distribution system.

I concur

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

**CONTRACT FOR CONDUCTIVE FLOOR TILE. SURGICAL SUITES, RESEARCH AND EDUCATIONAL HOSPITALS AND HOSPITAL ADDITION**

(12) The Director of the Physical Plant and the Vice-President and Comptroller recommend the award of a contract to the Johnson Floor Company, Inc., Berwyn, for the installation of conductive floor tile in certain designated surgical suites in the Research and Educational Hospitals and the Hospital Addition on the Medical Center Campus on the following terms:

Base bid .....	\$4 250
Additive alternates:	
Work in corridor serving Rooms 285, 289, 292, General Hospital.....	595
Work in corridor serving Rooms 406, 408, 409, Hospital Addition....	940
Work in corridor serving Rooms 46, 48, 50, Hospital Addition.....	830
Work in corridor serving Rooms 431, 435, 438, Hospital Addition....	440
<b>Total .....</b>	<b>\$7 055</b>

The work will be installation of conductive floor tile in operating rooms and auxiliary areas for the reduction of explosion hazards and to comply with the National Fire Protection Association's "Safe Practices for Hospital Operating Rooms."

Funds are available in the Physical Plant maintenance budget.

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

I concur.

On motion of Mr. Johnston, this contract was awarded, as recommended, 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 ALTERATIONS IN DENTISTRY-MEDICINE-PHARMACY BUILDING**

(13) The Director of the Physical Plant and the Vice-President and Comptroller recommended award of contracts for alterations on the eighth floor attic of the first unit of the Dentistry-Medicine-Pharmacy Building, the award in each case being to the lowest bidder:

General — Ashland Construction Company, Chicago.....	\$34 342
Base bid .....	\$32 742
Additive alternate for service charge for supervision of other contracts assigned to this contractor.....	1 600

Plumbing—Ashland Plumbing and Heating Company, Chicago.....	2 835
Heating, Refrigeration, and Temperature Control—Crown Temperature Engineers, Inc., Chicago.....	8 947
Ventilating—A C Company, Chicago.....	13 998
Electrical—Fries Walters Company, Chicago.....	12 987
<i>Total</i> .....	<u>\$73 109</u>

The contracts will provide for complete rehabilitation of the eighth floor attic, previously a storage area, to provide additional quarters for the center for the study of medical education which represents an extension of the work now being conducted by the Office of Research in Medical Education. This remodeling will add six new offices, study carrels, a teaching laboratory workshop, a classroom-conference room, and other auxiliary space.

It is further recommended that all contracts other than the contract for general work be assigned to the contractor for that work, making the total of his contract price \$73,109; and that an agreement be entered into with Ashland Construction Company for the assignment of these other contracts for \$1,600 which amount is included in the contract price, being the amount bid by that Company for service charge for supervision of other contracts assigned to the general contractor.

Funds are available in a grant from the Commonwealth Fund.

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

I concur.

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

#### ADDITION TO CONTRACT FOR CONSTRUCTION OF THE ILLINOIS STREET RESIDENCE HALLS

(14) The Director of the Physical Plant and the Vice-President and Comptroller recommend an increase of \$16,665.01 in the contract with Kuhne-Simmons Company, Inc. for construction of the Illinois Street Residence Halls to provide for installation of acoustic ceiling tile in lieu of plaster for sound control in the corridors, unit lounges, and elevator lobby areas of all floors in the five-story building and of the second through eleventh floors in the high-rise building.

Funds are available in the construction budget for the project.

I concur.

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

#### PURCHASES

(15) 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 from University revolving funds authorized by law.

#### *Purchases from Appropriated Funds*

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One microphotometer, console comparator, for two four by ten inch spectrographic plates and equipped with an electronic device for retaining the minimum per cent transmission value of a scanned spectral line until released, and one spectrographic unit, direct reading and photographic, complete with accessories comprised of: two pair tungsten electrodes and one four mm excitation unit	Agronomy	Jarrell-Ash Co., Elmhurst	\$57 634 46 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One automatic polarimeter, two cells and recorder accurate to 0.1 per cent, for use in determining the rotation of various compounds with low optical activity (Note: This purchase is from both Institutional Funds, \$2,995.00, and Appropriated Funds, \$3,000.00, for a total of \$5,995.00.)	Animal Science	E. H. Sargent & Co., Chicago	\$3 000 00 f.o.b. delivered
One spectrophotometer, infrared, with linear wave number chart presentation for use in a teaching course	Chemistry and Chemical Engineering	Beckman Instruments, Inc., Lincolnwood	5 670 00 f.o.b. delivered
Three receivers, HF communication, 2-30 MC continuous coverage; type of reception USB or LSB, AM and CW	Electrical Engineering	Collins Radio Co., Cedar Rapids, Iowa	4 113 00 f.o.b. delivered
Two microwave oscillators, frequency range 8.2 to 12.4 GC; $\pm 1$ per cent accuracy; 10 mw minimum output, continuously adjustable to 0; with leveler amplifier	Electrical Engineering	Alfred Electronics, c/o Carter Electronics, Inc., Chicago	5 780 00 f.o.b. Palo Alto, Calif.
Five oscilloscopes, dual trace, with null-readout features; sensitivity 0.1 mv/cm, bandwidth DC to 500 KC	Electrical Engineering	Analab Instrument Corp., c/o Bard Associates, Inc., La Grange	4 975 00 f.o.b. Cedar Grove, N.J.
Five function generators with four simultaneous outputs (sine, square, ramp, and triangle waveforms), frequency range 0.001 to 10,000 cps, main output adjustable from 5 to 25 volts, P-P with adjustable DC reference level	Electrical Engineering	Exact Electronics, Inc., c/o Bard Associates, Inc., La Grange	2 975 00 f.o.b. Hillsboro, Ore.
Eleven vacuum tube voltmeters, ranges 1.0 mv to 300 volts full scale, 12 ranges; 10 cps to 4 MC; accuracy $\pm 5$ per cent at 4MC; long term stability less than 0.5 per cent error 50 cps to 1MC	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Chicago	2 750 00 f.o.b. Loveland, Colo.
One sweep frequency generator, frequency range 0.7 to 230 MC, plus bandspread ranges for 450KC and 10.7MC; calibration accuracy $\pm 0.5$ per cent at output voltage less than 0.3 volts; drift not greater than 0.3 per cent for five hours	Electrical Engineering	General Radio Co., Oak Park	3 250 00 f.o.b. West Concord, Mass.
One inductance measuring assembly consisting of bridge and two 200 volt-ampere power supplies (one DC and one AC), a cabinet type rack, and necessary connecting cables; measures nine frequencies from 50 cps to 15.75 KC	Electrical Engineering	General Radio Co., Oak Park	3 230 00 f.o.b. West Concord, Mass.
Four wave analyzers, frequency range 20 cps to 50 kc, linear graduations 1 division per 10 cycles, accuracy $\pm 1$ per cent $\pm 5$ cps, voltage range 30 microvolts to 300 volts, automatic frequency control	Electrical Engineering	Hewlett-Packard Co., c/o Crossley Associates, Inc., Chicago	7 200 00 f.o.b. Palo Alto, Calif.
19,275 pounds steel, hot rolled and cold drawn, in 16 foot lengths, for use for experiments and research projects within the College of Engineering	Theoretical and Applied Mechanics	Steel Warehousing Division, Jessop Steel Co., Chicago	2 856 13 f.o.b. delivered
Print and bind 35,000 copies <i>Time Table</i> , second semester, 1963-64, trim size $5\frac{1}{2}$ in. by $8\frac{1}{2}$ in., approximately 336 pages per copy	University Press	George Banta Co., Chicago	7 882 00 f.o.b. delivered
One truck, 1964 model, 20,000 lb. standard minimum GVW, complete with dump body, hydraulic dump hoist, and front end loader; without trade-in	Physical Plant	International Harvester Co., Springfield	7 559 33 f.o.b. delivered
<i>Purchases from Institutional Funds</i>			
One lot of electronic test equipment consisting of two oscilloscopes and three plug-in preamplifiers	Aeromedical Laboratory, Chicago	Tektronix, Inc., Park Ridge	3 635 00 f.o.b. Beaverton, Ore.
One high-speed refrigerated centrifuge and accessories	Biological Chemistry, Chicago	Ivan Sorvall, Inc., Norwalk, Conn.	3 462 00 delivered



<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
X-ray film processing equipment consisting of one film drier, one refrigerated tank, one mixing valve, one film processor, one stapler and staples, one leader, and one storage bin	Dental Radiology, Chicago	General Electric Co., Chicago	\$ 3 027 07 delivered
One lot of laboratory equipment and supplies consisting of one portable refrigerated centrifuge, one horizontal head, one angle head; twelve metal shields, fifty boxes of filter paper, twenty-four pro-pipettes, 350 oz. microscope cover glasses	Medical Center Stores, Chicago	A. Daigger & Co., Chicago	3 234 20 delivered
Inverted camera microscope and accessories	Oral Pathology, Chicago	W. H. Kessel & Co., Chicago	4 684 51 delivered
One liquid scintillation spectrometer	Pharmacology, Chicago	Packard Instrument Co., Inc., La Grange	12 500 00 delivered
One ultra high-speed centrifuge with two rotors	Psychiatry, Chicago	Spinco Division, Beckman Instruments, Inc., Palo Alto, Calif.	8 082 00 delivered
One spectrometer system, nuclear magnetic resonance wide-line process analyzer, complete with control console and all electronic components, including a graphic recorder, permanent magnet with sweep coils and accessories	Agronomy	Varian Associates, Park Ridge	20 640 00 f.o.b. delivered
One radar test unit (used), X-band to include signal generator, power monitor, spectrum analyzer, and echo box	Institute of Aviation	Allen Aircraft Radio, Inc., Elk Grove Village	9 250 00 f.o.b. Chicago
One aircraft radar system, X-band to include transmitter-receiver, shock-mounts, synchronizer, indicator, control unit, and antenna			
One flaw detector, ultrasonic, universal, including detector, calibration and test block, cables, couplant, thickness indicator, equipment for measurement of elastic constants, and one set of transducers	Civil Engineering	Krautkramer Ultrasonics, Inc., Stratford, Conn.	6 733 00 f.o.b. Stratford, Conn.
Eight shock absorbers, hydraulic, capable of stopping a moving load of 20 pounds with an initial contact velocity of 20.85 ft. per second, with a maximum duty cycle of 300 operations per hour	Civil Engineering	Ellis-Fluid Dynamics Corp., Chicago	3 160 00 f.o.b. delivered
One liquid scintillation spectrometer, fully transistorized and including a stable high voltage supply with step-wise control and precise resettability; two channel with pulse height discrimination and independent gain control on each, fully reconditioned with a new instrument warranty	Dairy Science	Packard Instrument Co., Inc., La Grange	8 000 00 f.o.b. delivered
One gas chromatograph, isothermal, with dual plug-in argon ionization or electron capture detectors capture detectors capable of independent and /or simultaneous column operation	Entomology	Packard Instrument Co., La Grange	3 732 00 f.o.b. delivered
One microscope, phase contrast, with combination binocular-monocular photo tube and tube length compensator, and accessories	Entomology	W. H. Kessel & Co., Chicago	3 764 00 f.o.b. delivered
One microscope, polarizing, with variable camera length, tube for vertical illumination, plastic cover and accessories	Geology	W. H. Kessel & Co., Chicago	3 992 00 f.o.b. delivered
(Note: This purchase is from both Institutional Funds, \$3,992.00, and Appropriated Funds, \$3,512.00, for a total of \$7,504.00.)			
One television tape recorder, transistorized, portable, and capable of recording and playback of standard EIA television signals or closed circuit industrial signals, takes two-inch tape, one and one-half hours continuous recording	Instructional Television	Ampex Corp., Elmhurst	12 210 16 f.o.b. delivered

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One gas chromatography system including dual column oven, electrometer, power supply, dual recorders, continuous flow detectors, tri-carb spectrometer, data printer, and dual precision log-linear ratemeter, to be used for measuring radioisotopes in various effluents derived through gas chromatography	Microbiology	Packard Instrument Co., Inc., La Grange	\$17 643 00 f.o.b. delivered
One oscilloscope, storage type, with 8 by 10 cm display area, 3.5 kv accelerating voltage, storage time one hour, erase time one-fourth second	Physics	Tektronix, Inc., Park Ridge	2 700 00 f.o.b. Beaverton, Ore.
One dual trace sampling plug-in unit			
One sampling sweep plug-in unit			
Three electronic instrumentation laboratory assemblies, each consisting of one each: universal power supply, voltage reference source, transistorized power supply, lab meter, three-inch oscilloscope, resistance and capacitance substitution boxes, volt-ohm-milliammeter, sine-square wave generator, vacuum tube voltmeters, experimental chassis and parts, amplifier parts, and small tool set	Division of University Extension	Heath Co., Benton Harbor, Mich.	2 970 00 f.o.b. Benton Harbor, Mich.
Accessories for existing electron microscope: one anti-contamination device, one specimen exchange mechanism, two click-stop lens aperture assembly, one click-stop objective lens focusing system, one exposure meter—auto-timer-shutter assembly	Veterinary Medicine	Perkin-Elmer Corp., La Grange	3 550 00 f.o.b. Norwalk, Conn.
One electron microscope, guaranteed resolution better than 7 angstroms, double condenser lens, accelerating voltages 50, 75, and 100 KV, magnification 400 to 250,000 times, with cold-stage unit to minus 160 degrees C with liquid N <sub>2</sub> , spare assembly, and includes delivery, installation, instruction, and two-year service contract	Zoology	Perkin-Elmer Corp., La Grange	33 346 00 f.o.b. delivered
Continuous tabulating forms for one year beginning January 1, 1964, and ending December 31, 1964, to be delivered in two equal shipments January 1 and July 1, 1964	Statistical Service Unit	Shelby Salesbook Co., Champaign	14 869 50 f.o.b. delivered
Option to buy additional tabulating forms as needed in excess of the minimum quantities specified			
The forms are standard stock forms used on data printers of the Statistical Service Unit			
70,000 pounds white lead paste, soft, Type C, in 100 pound kegs, to be delivered as needed and requested from January, 1964, through November, 1964	Physical Plant Storeroom	National Lead Co., Chicago	13 615 00 f.o.b. delivered
Two sets parking gates, automatically controlled and operated by coins or coded cards, to be furnished and installed complete with all necessary components ready to be connected to electrical circuits furnished by the University	Physical Plant Department	Parklane Co., Inc., Clinton, Mich.	7 352 10 f.o.b. delivered and installed
Labor, material, and supervision to install acoustical tile on ceilings of corridors, lounge areas, drinking fountain areas, and elevator entrance areas in Babcock and Carr Halls of the Pennsylvania Avenue Residence Halls complex on the Urbana campus	Physical Plant Department	George S. Grimmett & Co., Springfield	12 940 00 f.o.b. delivered and installed
Automobiles and trucks, 1964 models, as follows:	Physical Plant Department	Courtesy Motor Sales, Inc., Chicago	31 246 00
Twenty-seven sedans, four-door, less trade-in of five 1962 standard and nineteen 1961 compact sedans		Rosetter Motor Co., Peoria	13 150 00
One sedan, four-door, police car, less trade-in of 1963 model police car		Gregory Ford Co., Decatur	4 147 87
One sedan, four-door, without trade-in		Carl Chevrolet Co., Springfield	6 051 39

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Fifteen station wagons, nine passenger, less trade-in of one 1962 and fourteen 1961 model station wagons		Sullivan Chevrolet Co., Champaign	\$ 1 552 34
One carryall vehicle, less trade-in of 1961 carryall vehicle		International Harvester Co., Springfield	4 302 82 (60 450 42) f.o.b. delivered
One carryall vehicle, without trade-in			
Two trucks, one-half ton pickup, less trade-in of one 1958 and one 1959 one-half ton trucks			
One truck, one-half ton pickup, without trade-in			

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

#### QUARTERLY REPORT OF THE COMPTROLLER

(16) The Comptroller presented his quarterly report to the Board as of September 30, 1963.

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

#### COMPTROLLER'S REPORT OF CONTRACTS

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

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Morris Animal Foundation	A clinical pathologic study of babesia canis (piroplasmosis) in the intact and splenectomized dog	\$ 3 900 00	August 19, 1963
Morris Animal Foundation	Feline hemobarton-ellosis	4 111 25	September 11, 1963
United States Air Force AF-AFOSR-480-64	Information, communication, many-valued logic, and meaning	47 520 00	October 2, 1963
United States Air Force AF01(611)-1377	Provide flight instruction for twenty-one students	11 551 16	September 19, 1963
United States Air Force AF19(628)-3307	Basic properties of gaseous plasmas	50 000 00	August 1, 1963
United States Army DA-11-022-AMC-890(R)	Plan and conduct a conference on direct aeronomic measurements in the lower ionosphere	11 994 00	September 26, 1963
United States Army DA-18-064-AMC-197(A)	Elucidate the complete histology of the mosquito, Aedes aegypti	50 100 00	October 17, 1963
United States Department of Labor, Office of Manpower, Automation, and Training	Evaluation of training and recruitment problems for selected technical occupations in short supply	70 419 00	September 11, 1963
<i>Total</i>		<u>\$249 595 41</u>	

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
National Attractions, Inc.	Presentation of "My Fair Lady" (four performances)	75 per cent of gross proceeds after taxes and certain settlements	October 1, 1963
State's Attorney of DeKalb County	Payment in lieu of taxes, for services rendered (Wright)	\$ 5 704 23	September 18, 1963
State's Attorney of Piatt County	Additional payment in lieu of taxes, for services rendered (Allerton and Warren)	497 20	October 14, 1963
<i>Total</i>		<u>\$ 6 201 43</u>	

#### Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Business Machines Corp.	One item: one model 1-557 alphabetic interpreter	\$ 1 680 00	September 18, 1963
Theo Wells (renewal)	Rental of office space at 608 West Tenth Street, Metropolis, from September 1, 1963, through February 29, 1964, for zoonoses research	600 00 (\$100.00 per month)	September 1, 1963
<i>Total</i>		<u>\$ 2 280 00</u>	

**Contract Changes**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Air Force AF33(657)-10822	Deformation and fracture of crystalline solids under dynamic loading	\$ 23 000 00	September 16, 1963
United States Army DA-11-032-CIVENG-63-56	Instruction in water resources planning	1 975 00	October 10, 1963
United States Army DA-49-193-MD-2060	Interpersonal and psychological adjustment of group members	32 048 00	October 2, 1963
United States Army DA-49-193-MD-2323	Manual of viruses and non-bacterial agents causing respiratory illnesses in man	6 724 00	October 7, 1963
United States Atomic Energy Commission AT(11-1)-1198	Research on the nature of materials for October	100 000 00	October 1, 1963
United States Department of Health, Education, and Welfare OE-3-10-026	Sciences concept development in the elementary school through inquiry training	16 423 00	October 2, 1963
United States Navy Nonr-1459(06)	Development of a gas chromatography technique for determination of adrenocortical steroids and investigate the effects of stresses on tissue metabolism	8 613 00	September 26, 1963
United States Navy Nonr-1834(12)	Properties of insulating solids	20 000 00	September 23, 1963
United States Navy Nonr-1834(26)	Plastic deformation of solids	21 000 00	October 7, 1963
University of Virginia Task order under Nonr-3623(S-6)	Statistical properties of two-phase flow	27 000 00	October 1, 1963
VioBin Corp.	Value of wheat germ oil in physical fitness	4 800 00	September 5, 1963
<i>Total</i>		<u>\$261 583 00</u>	

**Adjustments Made in 1963-64 Cost-Plus Contracts**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
George S. Grimmett & Co. (Plastering)	Fifteen items: \$25.00 to \$800.00	\$ 2 280 00	September and October, 1963
<i>Total</i>		<u>\$ 2 280 00</u>	

**Summary**

Amount to be paid to the University.....	\$511 178 41
Amount to be paid by the University.....	10 761 43

This report was received for record.

**INVESTMENT REPORT****Report of the Finance Committee**

(18) The Finance Committee reported the following changes in investments of endowment and other funds for the month of September, 1963:

**Pool**

Sale			
600 shares	Mississippi River Fuel common	\$	23 739 02
Purchase			
600 shares	Northern States Power common	\$	22 048 14
Exchange			
\$ 4 000	U. S. Treasury Notes 3¾	8/15/67 for	
4 000	U. S. Treasury Bonds 4	8/15/73	

**Report of the Comptroller**

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

*Current Funds*

## Restricted Group (June 20, 1962)

## Purchase

\$ 500 000	U. S. Treasury bills	10/15/63	\$ 498 685 56
1 500 000	U. S. Treasury bills	11/29/63	1 489 719 17
500 000	U. S. Treasury bills	12/26/63	495 500 00
500 000	Commercial Credit notes	3/16/64	490 572 92
500 000	Montgomery Ward Credit notes	4/15/64	488 649 31
500 000	International Harvester Cr.	5/15/64	487 029 51

*Construction Funds*

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

## Purchase

\$ 150 000	U. S. Treasury bills	1/16/64	\$ 148 256 42
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## Chicago—Congress Circle Union (June 19, 1963)

## Purchase

\$ 197 000	U. S. Treasury bills	10/24/63	\$ 196 358 38
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## Illini Union and Health Center Construction (December 21, 1960)

## Sale

\$ 5 000	U. S. Treasury bills	10/17/63	\$ 4 988 60
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## Purchase

\$ 55 000	U. S. Treasury bills	1/16/64	\$ 54 364 41
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## Illinois Street Residence Halls (October 17, 1962)

## Purchase

\$ 100 000	U. S. Treasury bills	1/16/64	\$ 98 844 39
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## Orchard Downs and SG-2 (June 14, 1960)

## Purchase

\$ 65 000	U. S. Treasury bills	1/16/64	\$ 64 248 85
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## Orchard Downs Addition (May 24, 1962)

## Sale

\$ 36 000	U. S. Treasury bills	10/17/63	\$ 35 941 35
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## Pennsylvania Avenue Residence Halls (June 21, 1961)

## Purchase

\$ 95 000	U. S. Treasury bills	11/14/63	\$ 94 506 83
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## Student Services (May 17, 1961)

## Purchase

\$ 10 000	U. S. Treasury bills	11/14/63	\$ 9 948 04
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*Sinking Funds*

## Chicago—Dentistry-Medicine-Pharmacy Reserve (December 16, 1953)

## Purchase

\$ 4 500	U. S. Treasury bonds	4	2/15/80	\$ 4 466 25
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## Reserve for Additional 1952 Bonds (December 16, 1953)

## Purchase

\$ 26 000	U. S. Treasury bonds	3⅞	11/15/74	\$ 25 723 75
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## Student Services (May 17, 1961)

## Purchase

\$ 7 000	U. S. Treasury bills	7/15/64	\$ 6 790 03
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On motion of Mr. Williamson, this report was received for record.

**APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

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

*Urbana-Champaign*

## 1. College of Education

University High School, equipment..... \$ 4 850

2. College of Engineering	
Department of Civil Engineering, equipment.....	8 850
Highway Traffic Safety Center, traffic study vehicle and related equipment .....	14 900
Department of Mining, Metallurgy, and Petroleum Engineering, expense of moving into former Physics Laboratory.....	15 500
Nuclear Engineering Committee, equipment.....	9 600
3. College of Fine and Applied Arts	
School of Music, equipment.....	5 667
4. College of Liberal Arts and Sciences	
Department of Botany, equipment.....	6 343
Department of Entomology, equipment.....	9 000
Department of Geology, air conditioners.....	2 760
Department of Speech and Theatre, equipment.....	7 250
5. Library	
Educational and Behavioral Sciences Library, equipment and moving costs.....	21 481
Library, catalog equipment.....	15 200
6. Executive Vice-President and Provost's Office	
University Honors Programs, equipment.....	3 973
7. Physical Plant Department	
Remodeling in Davenport Hall for Department of Plant Pathology	19 885
Installation of a new transformer and power distribution system for the research laboratory of Department of Agricultural Engineering	13 525
Remodeling in Agricultural Engineering Building.....	4 015
Remodeling and air conditioning in Engineering Administration offices .....	12 865
Remodeling in Hydraulics Laboratory for Department of Civil Engineering .....	10 770
Modernization of lighting in the Gallery in Architecture Building..	5 040
Remodeling for a darkroom for Department of Botany.....	3 550
Lighting and cooling the North Greenhouse for the Department of Botany .....	9 941
Remodeling in Library.....	5 200
Modernization of lighting in University Library and in departmental libraries.....	40 000
Air conditioning of administrative offices for the Armed Forces in the Armory .....	11 805
Remodeling of house at 1205 West Oregon Street, Urbana, for University Honors Programs (this is a former residence purchased by the University several years ago).....	8 880
Modernization of electrical distribution and supply systems in various buildings .....	100 000
<i>Total, Urbana-Champaign .....</i>	<i>\$370 850</i>
<i>Chicago Undergraduate Division</i>	
8. Library, supplementary book funds.....	\$ 30 000
9. College of Architecture and Art, equipment.....	4 583
10. Physical Plant Department	
Remodeling for College of Architecture and Art.....	5 000
<i>Total, Chicago Undergraduate Division.....</i>	<i>\$ 39 583</i>
<i>Medical Center</i>	
11. Illustration Studios, equipment.....	\$ 12 783
12. Research and Educational Hospitals, equipment.....	5 500
13. Physical Plant Department	
Remodeling in Research and Educational Hospitals.....	10 700
<i>Total, Medical Center.....</i>	<i>\$ 28 983</i>

I concur.

On motion of Mr. Swain, these appropriations and assignments of funds were made by the following vote: Aye, Mr. Clement, Mr. Dil-

liard, Mr. Hughes, Mr. Johnson, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page.

**EASEMENT TO COMMONWEALTH EDISON COMPANY  
AND ILLINOIS BELL TELEPHONE COMPANY**

(20) The Director of the Physical Plant and the Vice-President and Comptroller recommend that an easement be granted the Commonwealth Edison Company and the Illinois Bell Telephone Company for electric and telephone service to the addition to the Drug and Horticultural Experiment Station in DuPage County, at Lisle, Illinois, now under construction.

I concur, and recommend adoption of the following resolution:

**Resolution Authorizing Granting of Easement to Commonwealth Edison Company and Illinois Bell Telephone Company Upon, Along, Over, and Under the Site of the Drug and Horticultural Experiment Station**

*Be It, and It Is Hereby Resolved* by this Board of Trustees of The Board of Trustees of the University of Illinois, a public corporation of the State of Illinois, that the Comptroller and the Secretary of this Board of Trustees be, and they hereby are, authorized to execute, acknowledge, and deliver in the name and on behalf of this Corporation such instruments of conveyance, contract, or other document or documents as to them may seem necessary or desirable in order to grant to Commonwealth Edison Company and Illinois Bell Telephone Company, both Illinois corporations, hereinafter referred to as "Grantee," its successors and assigns, jointly and severally, the right, permission, and authorization to construct, maintain, relocate, and renew equipment consisting of poles, pole structures, push poles, anchors, guys, stubs, conduits, wires, cables, and other necessary electrical facilities, upon, along, over, and under said property and to transmit and distribute by means of said equipment, electricity to be used for heat, light, power, telephone, and other purposes, and also to trim from time to time such trees, bushes, and saplings as may be reasonably required incident to the grant herein given, together with the right of ingress to and egress from said property at all times for any and all such purposes; Grantee shall agree to repair any damage to property of this Corporation and to pay for any damages which may be caused to property of this Corporation by the laying, construction, reconstruction, operation, maintenance, renewal, or removal of said facilities. The right-of-way easement shall terminate ninety (90) days after the Grantee ceases to use said facilities for rendition of service. The right-of-way easement shall be located upon, over, and under said part of the property of said Grantor described as follows:

A strip of land Ten (10) feet wide, the Easterly line of said strip of land being described as follows: That part of Lot Two (2) of Assessment Plat No. Three (3) according to the plat thereof recorded March 30, 1935, in Book 20 of Plats on Page 91 as Document No. 357009 in the Recorder's Office, Du Page County, Illinois, described by commencing at the Northeast corner of Section 1, Township 38 North, Range 10, East of the Third Principal Meridian; and running thence South 0°12' East along the East Line of said Section 1, 1270.05 feet to a corner of said Lot Two (2); thence south 84°13' West along a South line of said Lot, 346.5 feet for a place of beginning; Thence South 6°10' East along an Easterly line of said Lot Two (2) to terminate with the North line of Lacey Road (as now established); said strip of land, as described, being a part of the Grantors lands described in that certain Document No. 478301 recorded May 23, 1954, in Book 447, at Pages 450 to 456, inclusive of Deeds, at the Recorder's Office, Du Page County, Illinois.

On motion of Mr. Swain, the foregoing resolution was adopted by the following vote: Aye, Mr. Clement, Mr. Dilliard, Mr. Johnston, Mr. Pogue, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Kerner, Mr. Page; not voting, Mr. Hughes.

**APPOINTMENT OF CONSULTANT TO PRESIDENT AND TO EXECUTIVE  
VICE-PRESIDENT AND PROVOST**

(21) I recommend the appointment of Dr. Shannon McCune, presently Civil

Administrator in the United States Civil Administration of the Ryukyu Islands, as Consultant to the President and to the Executive Vice-President and Provost beginning February 1, 1964, or as soon thereafter as may be mutually convenient, the effective date to be determined when he can arrive at the University, at an annual salary of \$18,000 on a twelve-month service basis.

The duties of the position will be on assignment by the President and the Executive Vice-President and Provost, initially in internal administration. The Consultant as a representative of the offices of the President and the Provost, will work with the deans of the several colleges at Urbana-Champaign, at the Medical Center, and at the Chicago Undergraduate Division in planning and implementation of educational programs.

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

#### **AMENDMENTS OF THE UNIVERSITY OF ILLINOIS STATUTES**

Mr. Johnston, for the Committee on General Policy, offered the following resolution and moved its adoption:

On June 19, 1963, the President of the University transmitted to the Board of Trustees the actions of the Senates, with reference to proposed changes in the Statutes of the University which deal with academic freedom and tenure.

By action of the Board, the recommendations were referred to the General Policy Committee for study and report.

The General Policy Committee has reviewed the proposals and discussed them with the President and the Legal Counsel.

The Committee finds itself in agreement with some of the proposals, but has modifications to suggest in others.

It appears to the Committee that communication with the Senates might be expedited through informal conference with their representatives.

Accordingly, it is recommended that the President of the University be requested to arrange a meeting on this subject, as soon as practicable, to be attended by the General Policy Committee and the President of the Board, the Chairman and one other member of each Senate Committee on Academic Freedom (to be designated by the Chairman or the Committee), the Chairman and Secretary of the Senate Coordinating Council (or their alternates), and the President of the University and such consultants as he may designate.

This resolution was adopted.

#### **SECRETARY'S REPORTS**

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

#### **APPOINTMENTS MADE BY THE PRESIDENT**

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

ADES, HARLOW W., Consultant in Electrical Engineering (C), one year from September 1, 1963, \$3,000 (11-1-63).

ADKINS, RICHARD W., Assistant Professor of Mechanical Engineering (C), to render service during the academic year beginning November 1, 1963, \$7,000 (11-6-63).

AHRENKIEL, RICHARD K., Research Assistant in Physics (C), two months from November 1, 1963, \$1,022.24 (11-5-63).

ALBRIGHT, ELSIE F., Instructor in Medical Social Work (Medicine), October 3, 1963-August 31, 1964, \$8,000 a year (10-12-63).

ALEXANDER, HARLAN G., Assistant in Psychiatry (Medicine), July 1, 1963-August 31, 1964, without salary (11-7-63).

ASPEN, ANITA J., Research Associate in Dairy Science (S), October 7, 1963-August 31, 1964, \$7,000 a year (11-6-63).

AXELRAD, DAVID R., Visiting Lecturer in Theoretical and Applied Mechanics (C), October 15, 1963-January 31, 1964, \$3,850 (10-21-63).



- BALES, RETTA E., Assistant Director of Admissions and Clinics, Research and Educational Hospitals (Admissions and Clinic Administration), one year from September 1, 1963, \$9,950, supersedes (10-28-63).
- BAY, MRS. ANCILLA S., Microanalyst in Chemistry, September 16, 1963-August 31, 1964, \$4,983.30 (10-15-63).
- BEAMAN, DONALD R., Research Assistant Professor of Metallurgy (C), eleven months from October 1, 1963, \$9,000 a year, supersedes (10-16-63).
- BENFORD, MYRON C., Associate Medical Director, Director of Admissions and Director of Clinics (Research and Educational Hospitals) (Admissions and Clinic Administration), one year from September 1, 1963, \$14,000, supersedes (10-28-63).
- BENNETT, WILMA, Bibliographer, with rank of Instructor (Library), eleven months from October 1, 1963, \$6,800 a year (10-12-63).
- BORECKY, VLASTIMIL P., Visiting Professor of General Engineering (C), nine months from September 16, 1963, \$10,000, supersedes (10-12-63).
- BRANDON, STANLEY D., Assistant in Orthopaedic Surgery (Medicine), nine months from October 1, 1963, without salary (10-21-63).
- BRAUNFELD, PETER G., Assistant Professor of Education and of Mathematics, ten months from November 1, 1963, \$12,000 a year (11-4-63).
- BREMER, MARY G., Assistant in Education (University High School), nine months from September 16, 1963, \$5,600 (10-15-63).
- BREUER, STEPHEN W., Research Associate in Chemistry, eleven months from October 1, 1963, \$6,100 a year (10-12-63).
- BREWER, JOHN M., Research Associate in Chemistry, eleven months from October 1, 1963, \$6,150 a year (11-1-63).
- BRIDGER, CLYDE A., Lecturer in Health and Safety Education (College of Physical Education), nine months from September 16, 1963, without salary (10-21-63).
- BRYANT, PAUL T., Editor in the Engineering Experiment Station, with rank of Instructor, with permission to devote 25 per cent time during each year to the work of the American Society for Engineering Education, for ten months from November 1, 1963, \$12,500 a year, supersedes (10-11-63).
- CANTWELL, FREDERICK F., Research Assistant in Chemistry,  $\frac{1}{2}$  time, October 21, 1963-January 31, 1964, \$782.78; this is in addition to his appointment as Assistant in Chemistry on  $\frac{1}{2}$  time (10-29-63).
- CARLSON, SYBIL B., Assistant in Elementary Education (College of Education), October 1, 1963-June 15, 1964, \$3,966.70, supersedes (10-29-63).
- CHURCHICH, JORGE E., Assistant Professor of Biological Chemistry, academic year beginning September 1, 1963, \$6,800 (10-31-63).
- CRUM, ROBERT J., Clinical Instructor in Prosthodontics (Dentistry), one year from September 1, 1963, without salary (11-1-63).
- DECKER, JOSEPH, Assistant in Ophthalmology (Medicine), ten months from September 1, 1963, without salary (10-17-63).
- DEEB, MRS. BARBARA P., Research Associate in the Center for Zoonoses Research (College of Veterinary Medicine),  $\frac{3}{4}$  time, September 16, 1963-August 31, 1964, \$4,575 a year (10-12-63).
- DEGENFORD, JAMES E., Research Assistant in Electrical Engineering (C), eleven months from October 1, 1963, \$6,150 a year, supersedes (10-15-63).
- DEWAN, EDMUND J., Research Assistant in the Coordinated Science Laboratory (C), October 14, 1963-August 31, 1964, \$4,540.90 (10-31-63).
- DILL, ALLEN F., Associate Professor of Civil Engineering (C and S), indefinite tenure from September 1, 1963, to render service during each academic year, \$10,500 a year, supersedes (10-11-63).
- DORSETT, HAROLD L., Professor of Military Science and Head of the Department, indefinite tenure from October 1, 1963, without salary (10-12-63).
- DUA, RAMJI DASS, Research Associate in Dairy Science (S), September 27, 1963-August 31, 1964, \$6,500 a year, supersedes (10-7-63).
- DUNPHY, JAMES V., Instructor in Medicine (Medicine),  $\frac{1}{2}$  time, eleven months from October 1, 1963, \$5,000 a year (10-24-63).
- FALICOV, MRS. CELIA J., Instructor in Psychology, Department of Psychiatry (Medicine),  $\frac{3}{4}$  time, October 15, 1963-August 31, 1964, \$3,900 a year (10-21-63).
- FEDDER, EDWIN H., Visiting Lecturer in Political Science, February 1-June 15, 1964, \$1,222.22 a month (10-10-63).

- FLUECK, JOHN A., Instructor in Economics (Chicago Undergraduate Division),  $\frac{1}{2}$  time, September 1, 1963-February 29, 1964, \$1,400 (10-21-63).
- FLUMMERFELT, JOSEPH R., Instructor in Music,  $\frac{2}{3}$  time, academic year beginning September 1, 1963, \$4,890, supersedes (10-15-63).
- FRIEDMAN, MRS. FELICE C., Assistant in Nursing, September 30, 1963-June 15, 1964, \$555.55 a month (10-17-63).
- GARDNER, KARL E., Chief of Party, Adviser to Principal (Campus Office of A.I.D. Projects), for service under Contract US AID/AFE 132 at the Njala College, Sierra Leone, October 5, 1963-January 31, 1964, \$1,672.92 a month; and Professor of Nutrition (Dairy Science), indefinite tenure, and Associate Dean of College of Agriculture, February 1, 1964-August 31, 1965, \$18,250 a year, supersedes (10-10-63).
- GILBO, DONA M., Assistant in Nursing, January 2-June 15, 1964, \$666.66 a month (10-17-63).
- GOMBOS, GEORGE, Research Associate in Psychiatry (Medicine), ten months from November 1, 1963, \$8,750 a year, supersedes (10-21-63).
- GOTZ, GERTRUD, Assistant in Home Economics (S), one year from September 1, 1963, \$5,600 (10-15-63).
- GRITZ, NORMAN J., Instructor in Foreign Languages (Chicago Undergraduate Division),  $\frac{1}{2}$  time, to render service during the first semester of the academic year, 1963-64, \$1,250 (10-12-63).
- GROVES, DAVID T., Research Associate in Dairy Science (S), ten months from November 1, 1963, \$6,600 a year (11-9-63).
- GUCKEL, MRS. MARY V., Instructor in German,  $\frac{1}{2}$  time, academic year beginning September 1, 1963, \$3,000 (10-9-63).
- GUSTAFSON, DONALD H., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1963, without salary (10-17-63).
- HALEEM, MOHAMMED A., Research Associate in Chemistry, ten months from November 1, 1963, \$6,100 a year (11-7-63).
- HAMER, JOHN L., Assistant in Pediatrics (Medicine), ten months from September 1, 1963, without salary (11-5-63).
- HANDLER, ELLEN I., Research Associate in the Jane Addams Graduate School of Social Work,  $\frac{1}{2}$  time, one year from September 1, 1963, \$3,600, supersedes (10-21-63).
- HANSMAN, ROBERT H., Research Associate in Geology, eleven months from October 1, 1963, \$7,200 a year (10-12-63).
- HARMS, ALFRED G., Research Associate in Agricultural Economics (S),  $\frac{3}{4}$  time, November 16, 1963-March 31, 1964, \$2,531.25 (10-18-63).
- HARRISON, ROBERT M., Research Associate in Soil Chemistry (Agronomy) (S), October 16, 1963-August 31, 1964, \$6,500 a year (10-21-63).
- HART, DAVID M., Research Associate in Chemistry, one year from September 1, 1963, \$6,600 (10-10-63).
- HARVIE, DOUGLAS C., Instructor in Mathematics,  $\frac{1}{3}$  time, September 16, 1963-January 31, 1964, \$222.22 a month (10-10-63).
- HASSINGER, MRS. GAIL S., Assistant in Nursing, nine months from September 16, 1963, \$5,000 (10-17-63).
- HELBLING, SARA Y., Assistant in Occupational Therapy (Medicine), one year from September 1, 1963, \$5,850 (10-21-63).
- HEMBROUGH, FREDERICK, Instructor in Veterinary Physiology and Pharmacology (College of Veterinary Medicine), eleven months from October 1, 1963, \$8,100 a year, supersedes (10-12-63).
- HOAR, VICTOR M., Assistant in English, full time from September 16, 1963-January 31, 1964, \$2,100, and  $\frac{2}{3}$  time, February 1-June 15, 1964, \$1,400, supersedes (10-17-63).
- HORBERG, BARBARA E., Assistant in English (Chicago Undergraduate Division), first semester of academic year beginning September 16, 1963, \$2,200 (10-21-63).
- HORII, SATOSHI, Research Associate in Chemistry, one year from September 1, 1964, \$6,100 (10-24-63).
- ISAACS, THELMA J., Instructor in Chemistry (Chicago Undergraduate Division), academic year beginning September 1, 1963, \$6,200 (10-24-63).
- JAVAHERI, HOOSHANG, Clinical Instructor in Medicine (Medicine), September 27, 1963-August 31, 1964, without salary (10-12-63).

- JEDLICZKA, ZOFIA, Assistant in Pediatrics (Medicine),  $\frac{1}{2}$  time, and Pediatrician (Division of Services for Crippled Children),  $\frac{1}{2}$  time, eleven months from October 1, 1963, \$5,600 a year, supersedes (10-17-63).
- KACHRU, BRAJ B., Research Associate in Linguistics, eleven months from October 1, 1963, \$6,100 a year (10-31-63).
- KAPCHE, ROBERT W., Clinical Assistant in Psychology (Department of Psychiatry) (Medicine), one year from October 1, 1963, without salary (10-17-63).
- KARNES, M. RAY, Teacher Training Adviser (Campus Office of A.I.D. Projects) for service under Contract US AID/AFE 132 at Njala College, Njala, Sierra Leone, October 5, 1963-February 4, 1964, \$1,766.11 a month; and Professor of Vocational and Technical Education, indefinite tenure, and Chairman of the Department, February 5, 1964-August 31, 1965 (College of Education), to render service during each academic year, \$14,450 a year, supersedes (10-13-63).
- KATAGUE, DAVID B., Research Assistant in Psychiatry (Medicine), September 8, 1963-August 31, 1964, \$5,150 a year (10-22-63).
- KESLER, RICHARD P., Research Assistant in Farm Management (Agricultural Economics) (S), full time for three months from November 1, 1963, \$2,000;  $\frac{1}{2}$  time for five months from February 1, 1964, \$1,666.65; and  $\frac{3}{4}$  time from July, 1964, \$888.90 (10-17-63).
- KOZLOW, ROBERT D., Research Associate in Data Processing and Systems (Librarian) and Instructor in Library Administration (Chicago Undergraduate Division), one year from September 1, 1963, \$6,100, supersedes (11-1-63).
- KRAATZ, JAMES, Research Assistant in Education (University High School Mathematics Project), nine months from September 16, 1963, \$4,200 (10-17-63).
- KRONTHAL, ALFRED, Assistant in Ophthalmology (Medicine), one year from July 1, 1963, without salary (10-17-63).
- KUHL, MRS. DOROTHY, Assistant in Psychiatry (Medicine), one year from September 1, 1963, without salary (10-17-63).
- LAGOW, JOYCE B., Assistant in Animal Science (S), eleven months from October 1, 1963, \$4,766.63 (10-29-63).
- LATTA, CARLA H., Assistant in Elementary Education (College of Education), nine months from September 16, 1963, \$4,500, supersedes (10-24-63).
- LEARNER, ARNOLD, Visiting Assistant Professor of Mathematics, nine months from September 16, 1963, \$8,500, supersedes (11-6-63).
- LEONHARD, ZELMA B., Visiting Lecturer in English (Chicago Undergraduate Division),  $\frac{3}{4}$  time, for first semester of the academic year beginning September 16, 1963, \$3,000 (10-21-63).
- LEWIS, DAVID G., Visiting Research Associate in Agronomy (S), one month from December 1, 1963, \$533.34 (10-22-63).
- LUCAS, ROBERT A., Research Assistant in English, one year from September 1, 1963, \$6,000 (10-17-63).
- MANDREA, EUGENE, Clinical Assistant in Dermatology (Medicine), eleven months from October 1, 1963, without salary (10-21-63).
- MANN, RANDALL L., Clinical Instructor in Medicine (Medicine), one year from September 1, 1963, without salary (10-12-63).
- MAURATH, JEROME D., Intern in the Student Counseling Service, ten months from November 1, 1963, \$4,291.70, supersedes (10-31-63).
- MCCAMISH, JOAN, Assistant Professor of Microbiology, two years from September 1, 1963, to render service during each academic year, \$8,000 a year, supersedes (10-10-63).
- MCGUIRE, JANICE G., Research Assistant in Microbiology, eleven months from October 1, 1963, \$4,950 (10-17-63).
- MCGURK, FLORENCE F., Research Assistant in the State Water Survey and in the Graduate College, September 16, 1963-June 30, 1964, \$4,354.14, supersedes (10-15-63).
- MIER, MRS. SALLY J., Assistant in Occupational Therapy (Medicine), October 21, 1963-August 31, 1964, \$6,600 a year (11-6-63).
- MILLER, RAYMOND P., Research Associate in Civil Engineering (C), academic year beginning September 1, 1963, \$6,300 (10-29-63).
- MILLER, MRS. ROSEMARY J., Resident Manager of Graduate Residence Halls, one

- year from September 1, 1963, \$600; in addition she will be provided a furnished apartment in the Graduate Halls (10-12-63).
- MROTEK, SHARON F., Assistant in Speech (Chicago Undergraduate Division), nine months from September 16, 1963, \$4,600, supersedes (10-17-63).
- MULLINS, WILLIAM N., Assistant in Education (University High School), nine months from September 16, 1963, \$5,800 (10-15-63).
- NADEL, ALFRED J., Assistant in Ophthalmology (Medicine), one year from July 1, 1963, without salary (10-17-63).
- NELSON, WILFRED H., Research Associate in Chemistry, October 21, 1963-August 31, 1964, \$6,100 a year, supersedes (10-25-63).
- OKUYAMA, DAITARO, Visiting Research Associate in Electrical Engineering (S), eleven months from October 1, 1963, without salary (10-12-63).
- OPPENLANDER, RENATE, Research Assistant in Electrical Engineering (C), one year from September 1, 1963, \$5,300 (11-6-63).
- PANKOWSKI, DALAS J., Instructor in Vocational and Technical Education (College of Education), academic year beginning September 1, 1963, \$7,200 (10-12-63).
- PARZEN, ZANE D., Clinical Instructor in Psychiatry (Medicine), 3/10 time, eleven months from October 1, 1963, \$3,000 a year, supersedes nonsalaried appointment (10-21-63).
- PATEL, RODA K., Research Assistant in Pediatrics (Medicine), ten months from November 1, 1963, \$5,150 a year (10-17-63).
- PELLICORE, RAYMOND J., Clinical Assistant Professor of Orthopaedic Surgery (Medicine), 1/5 time, one year from July 1, 1963, \$3,000, supersedes nonsalaried appointment (11-7-63).
- PERDRISAT, CHARLES F., Research Associate in Physics (C), eleven months from October 1, 1963, \$8,000 a year, supersedes (10-18-63).
- PHILLIPS, JOSEPHINE, Research Assistant Professor of Elementary Education, 2/10 time, and of Education (University High School), 3/10 time, one year from September 1, 1963, \$6,350, supersedes (10-12-63).
- PIEPER, WILLIAM J., Clinical Instructor in Psychiatry (Medicine), 1/4 time, eleven months from October 1, 1963, \$3,500 a year, supersedes (10-21-63).
- POWERS, RICHARD J., Clinical Instructor in Medicine (Medicine), September 16, 1963-August 31, 1964, without salary (10-21-63).
- PRAIRIE, BARBARA B., Research Assistant in Chemistry, eleven months from October 1, 1963, \$5,041.63 (10-24-63).
- RAGADE, INDUKANTH S., Research Associate in Chemistry, eight months from January 1, 1964, \$6,100 a year (11-7-63).
- RAZ, AMIRAM, Assistant in Food Science (C), September 1-September 15, 1963, \$233.33 (10-24-63).
- REED, KENNETH W., Assistant in Veterinary Physiology and Pharmacology (College of Veterinary Medicine), ten months from November 1, 1963, \$4,666.60 (11-5-63).
- ROBINSON, T. THACHER, Instructor in Mathematics, 2/3 time, September 16, 1963-January 31, 1964, \$2,400 (10-12-63).
- ROSS, MRS. JUNE P., Research Associate in Geology, eleven months from October 1, 1963, \$7,200 a year (11-7-63).
- ROWLANDS, MARY R., Research Assistant in the School of Life Sciences, September 23, 1963-August 31, 1964, \$4,835.32 (10-15-63).
- SAGEN, H. BRADLEY, Assistant Director of Bureau of Institutional Research, with rank of Assistant Professor (Executive Vice-President and Provost's Office), and Assistant Professor of Educational Psychology (College of Education), two years from September 1, 1963, \$9,300 a year, supersedes (11-1-63).
- SALOMON, LAWRENCE, Instructor in Art (Chicago Undergraduate Division), 2/3 time, five months from September 1, 1963, \$2,000 (10-12-63).
- SALTZMAN, STANTON W., Instructor in Radio and Television (College of Journalism and Communications), academic year beginning September 1, 1963, without salary; this is in addition to his nonacademic appointment (10-12-63).
- SANHAMEL, JANE M., Assistant in Nursing, nine months from September 16, 1963, \$5,500 (10-17-63).

- SANZONE, GEORGE J., Research Engineer (Mass Spectrometer) in Chemistry,  $\frac{2}{3}$  time, one year from September 1, 1963, \$6,500, supersedes (10-28-63).
- SCHRAMM, ARTHUR R., Assistant in Psychiatry (Medicine), July 1, 1963-August 31, 1964, without salary (11-7-63).
- SCHWARTZ, SUSAN S., Research Assistant in the State Water Survey and in the Graduate College, September 16, 1963-June 30, 1964, \$4,750 (10-15-63).
- SCRUGGS, WILLIAM, Research Assistant in Psychiatry (Medicine), ten months from November 1, 1963, \$6,450 a year, supersedes (10-17-63).
- SEATON, SCOTT, Instructor in Architecture,  $\frac{1}{2}$  time, to render service during the first semester of the academic year, 1963-64, \$2,500 (10-21-63).
- SHIMONY, ZVI, Visiting Research Associate in Electrical Engineering (C), September 16, 1963-August 31, 1964, \$6,000 a year, supersedes (10-12-63).
- SHIRAI, TAISHIRO, Research Associate in the Institute of Labor and Industrial Relations, ten months from October 1, 1963, \$5,550 (10-12-63).
- SHULMAN, MORTON, Instructor in Anesthesiology, Division of Anesthesiology, Department of Surgery (Medicine), ten months from November 1, 1963, without salary (11-6-63).
- SILVERMAN, LORETTA E., Instructor in Physics (Chicago Undergraduate Division), to render service during the academic year, October 7, 1963-August 31, 1964, \$6,500 a year, supersedes (10-21-63).
- SPENCER, ANN B., Instructor in Medical Social Work (Medicine), November 15, 1963-August 31, 1964, \$6,950 a year (11-6-63).
- STONE, PETER, Instructor in Anthropology (Chicago Undergraduate Division), 9/10 time, academic year beginning September 1, 1963, \$5,200 (10-11-63).
- STROOM, LOWELL M., Instructor in Architecture, academic year beginning September 1, 1963, \$7,500 (10-12-63).
- SWOISKIN, BERNARD L., Research Associate in Oral and Maxillofacial Surgery (Dentistry),  $\frac{1}{2}$  time, eleven months from October 1, 1963, \$1,500 a year (10-12-63).
- TEFFT, MRS. GLORIA B., Assistant Editor in Agriculture, with rank of Instructor, and Instructor in Agricultural Economics (S), one year from September 1, 1963, \$6,100, supersedes (10-21-63).
- THOMPSON, EDWARD C., Clinical Assistant Professor of Oral and Maxillofacial Surgery (Dentistry), one year from September 1, 1963, without salary (11-1-63).
- THOMPSON, MARSHALL R., Instructor in Civil Engineering (C), nine months from September 16, 1963, \$7,000, supersedes (10-15-63).
- TROUGHTON, TERENCE E., Field Biologist in the State Natural History Survey and in the Graduate College, four months from November 1, 1963, \$1,900 (10-24-63).
- WALKER, JAMES M., Research Associate in Surgery (Medicine), one year from September 1, 1963, \$12,000 (10-21-63).
- WALSH, THOMAS G., Clinical Instructor in Oral and Maxillofacial Surgery (Dentistry) one year from September 1, 1963, without salary (11-1-63).
- WEBB, ROBERT J., Adviser in Farm Management (Campus Office of A.I.D. Projects), for service under Contract AIDc-1258 at the U. P. Agricultural University, Pantnager, India, eight months from November 1, 1963, \$16,060 a year; and Professor of Agricultural Research and Extension, and Superintendent of Dixon Springs Experiment Station, indefinite tenure from July 1, 1964, \$14,600 a year, supersedes (10-14-63).
- WHITMER, ROGER G., Lecturer on Materials and Methods of Construction, Department of Architecture (Chicago Undergraduate Division),  $\frac{1}{3}$  time, five months from September 1, 1963, \$1,500 (10-12-63).
- WHITNEY, GREENE R., Research Assistant in Psychiatry (Medicine), ten months from November 1, 1963, \$6,150 a year, supersedes (10-17-63).
- WILSON, ELEANORE, Project Assistant in the State Natural History Survey and in the Graduate College, three months from October 1, 1963, \$900 (10-17-63).
- WOLF, MRS. LINDA M., Instructor in Anthropology (Chicago Undergraduate Division),  $\frac{3}{5}$  time, academic year beginning September 1, 1963, \$3,200 (10-16-63).
- WOLFE, SHARON, Research Associate in the Institute of Communications Research (College of Journalism and Communications),  $\frac{1}{3}$  time, and in Psychology (College of Liberal Arts and Sciences),  $\frac{1}{3}$  time, academic year beginning September 1, 1963, \$3,600 (10-10-63).

YAHIRO, ERNEST I., Instructor in Pediatrics (Medicine) and Pediatrician (Division of Services for Crippled Children),  $\frac{1}{2}$  time, one year from September 1, 1963, \$1,800, supersedes (10-21-63).

#### FELLOWS

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

ALKIRE, WILLIAM H., United States Public Health Service Predoctoral Fellow in Anthropology, one year from October 1, 1963, \$2,200 (10-25-63).

ANDERSON, SONIA R., Parke Davis and Company Fellow in Chemistry, nine months from September 16, 1963, \$2,250 (10-7-63).

ANSBRO, JOHN F., Part-time Medical Student Research Fellow in Physiology, nine months from September 16, 1963, \$600 (9-30-63).

ANTONIO, JAMES F., General Electric Foundation Fellow in Accounting, nine months from September 16, 1963, \$1,000 (10-4-63).

BEAUCHAMP, JAMES W., Magnavox Fellow in Electrical Engineering (and Music), one year from September 1, 1963, \$4,000 (10-15-63).

BECKER, ALETHIA ANN H., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (10-1-63).

BELMORE, BARBARA, National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (10-2-63).

BIDDULPH, DAVID M., United States Public Health Service Fellow (Trainee) in Anatomy, ten months from September 1, 1963, \$3,250 (9-26-63).

BOBITT, JOHN R., Medical Student Alternative Quarter Fellow, three months from October 1, 1963, \$200 (10-4-63).

BREMSE, ALBERT H., National Lead Company (Titanium Division) Fellow in Ceramic Engineering, nine months from September 16, 1963, \$1,450 (10-2-63).

BRIGHTON, CARL T., United States Public Health Service Fellow (Trainee) in Anatomy, September 16, 1963-June 30, 1964, without salary (9-24-63).

BRODER, STEFAN I., United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1963, \$1,900 (9-12-63).

BROWN, SHARON L., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, \$4,751.88, supersedes (10-8-63).

BRUNCKHORST, BARBARA L., Vocational Rehabilitation Administration Fellow (Trainee) in Education, nine months from September 16, 1963, \$2,000 (9-24-63).

CADKIN, LAWRENCE M., Part-time Medical Student Research Fellow in Biological Chemistry, October 1, 1963-June 15, 1964, \$550 (10-2-63).

CALDARELLI, DAVID D., Part-time Medical Student Research Fellow in Physiology, nine months from September 16, 1963, \$600 (10-1-63).

CAMPANA, JOSEPH A., Fellow in Business Administration, nine months from September 1, 1963, \$3,600 (10-4-63).

CARLSON, RUSSELL R., Part-time Medical Student Research Fellow in Anatomy, nine months from September 16, 1963, \$600 (9-30-63).

CARROLL, JOHN M., United States Public Health Service Fellow (Trainee) in Veterinary Medical Science, one year from September 1, 1963, \$5,500 (10-2-63).

CAVE, MACDONALD, United States Public Health Service Fellow (Trainee) in Anatomy, ten months from September 1, 1963, \$200 a month (10-4-63).

CHO, FREDERICK YI-TUNG, United States Public Health Service Fellow (Trainee) in Biophysics, September 16, 1963-January 31, 1964, \$999.75 (10-3-63).

CHOCHOLA, RONALD G., Part-time Medical Student Research Fellow in Physiology, nine months from September 16, 1963, \$600 (10-4-63).

CONAWAY, C. CLIFFORD, United States Public Health Service Fellow (Trainee) in Entomology, ten months from September 1, 1963, \$2,400 (9-30-63).

D'AGOSTINO, ANTHONY, Part-time Medical Student Research Fellow in Pharmacology, nine months from September 16, 1963, \$600 (9-30-63).

DI BIAGIO, ELMO L., Raymond Concrete Pile Company Fellow (in memorial to A. E. Cummings) in Civil Engineering, nine months from September 16, 1963, \$1,500 (10-18-63).

DICK, RICHARD I., United States Public Health Service Predoctoral Fellow in Civil Engineering, one year from September 1, 1963, \$4,000 (9-10-63).

- DIXON, DIXIE L., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (10-31-63).
- DVORAK, PAUL F., Part-time Medical Student Research Fellow in Biological Chemistry, nine months from September 16, 1963, \$600 (9-30-63).
- FRANK, IRA M., Part-time Medical Student Research Fellow in Psychiatry, eight months from October 16, 1963, \$533.33 (10-9-63).
- FUSS, CAROLYN S., United States Public Health Service Fellow (Trainee) in Anatomy, ten months from September 1, 1963, \$1,750 (9-27-63).
- GAUCHER, GEORGE M., Smith, Kline, French Postdoctoral Fellow in Chemistry, eleven months from October 1, 1963, \$6,416.63 (10-31-63).
- GENSKOW, JACK K., Vocational Rehabilitation Administration Fellow (Trainee) in Education, September 16, 1963-January 31, 1964, \$1,700 (9-24-63).
- GOLDMAN, BARRY, Part-time Medical Student Research Fellow in Pharmacology, nine months from September 16, 1963, \$600 (9-30-63).
- GOSSUM, MRS. SANDRA A., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, \$3,718.75, supersedes (10-8-63).
- GREEN, DOROTHY R., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (10-15-63).
- HALL, MILLARD W., United States Public Health Service Predoctoral Fellow in Civil Engineering, one year from September 16, 1963, \$3,500 (10-16-63).
- HARTL, ADRIENNE L., Fellow in English, nine months from September 16, 1963, \$2,000; and two months from June 16, 1964, \$500, supersedes (10-7-63).
- HAYES, SUSANNE J., United States Children's Bureau Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (10-15-63).
- HEINTZ, NORMAN V., United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1963, \$600 (10-10-63).
- HENDRICKS, RICHARD A., Part-time Medical Student Research Fellow in Medicine, nine months from September 16, 1963, \$600 (10-14-63).
- HOVEY, SHARON R., Vocational Rehabilitation Administration Fellow (Trainee) in Education, nine months from September 16, 1963, \$1,800 (9-24-63).
- JAKSTYS, MRS. BIRUTE A., United States Public Health Service Fellow (Trainee) in Anatomy, ten months from September 1, 1963, \$2,350 (9-26-63).
- JENSEN, JOANN L., United States Public Health Service Fellow (Nurse Trainee) in the College of Nursing, September 30, 1963-June 12, 1964, and September 28-December 17, 1964, \$200 a month (10-4-63).
- JONES, MRS. LETHONEE A. H., Vocational Rehabilitation Administration Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (10-25-63).
- KANEY, ANTHONY R., United States Public Health Service Fellow (Trainee) in Microbiology, one year from September 1, 1963, \$3,000 (8-16-63).
- KASSEL, STEPHEN H., Part-time Medical Student Research Fellow in Pathology, nine months from September 16, 1963, \$600 (9-30-63).
- KIRBY, JOHN S., Douglas Aircraft Company Fellow in Aeronautical and Astronautical Engineering, February 1-June 15, 1964, \$1,100; and September 16, 1964-January 31, 1965, \$1,100 (10-24-63).
- KLESSE, WILLIAM R., United States Public Health Service Fellow (Trainee) in Biophysics, December 1, 1963-September 15, 1964, \$2,110.61 (10-25-63).
- KORSOWER, ALLAN J., Part-time Medical Student Research Fellow in Medicine, nine months from September 16, 1963, \$600 (9-30-63).
- KOSTNER, MARY C., United States Public Health Service Fellow (Nurse Trainee) in the College of Nursing, September 30, 1963-June 12, 1964, and September 28-December 17, 1964, \$200 a month (10-3-63).
- KRIEGER, GEORGE W., Vocational Rehabilitation Administration Fellow (Trainee) in Education, nine months from September 16, 1963, \$2,000 (9-23-63).
- LEVIN, NATHAN W., United States Public Health Service Fellow (Special) in Medicine, September 26, 1963-January 25, 1964, without salary (10-17-63).
- LEVY, HOWARD B., United States Public Health Service Fellow (Trainee) in Physiology, nine months from September 16, 1963, \$2,000, supersedes (10-17-63).
- MAGNUS, DAVID P., Part-time Medical Student Research Fellow in Pharmacology, nine months from September 16, 1963, \$600 (9-30-63).
- MCINTOSH, CHARLES, Part-time Medical Student Research Fellow in Surgery, nine months from September 16, 1963, \$600 (9-30-63).

- MOEHLIS, RONALD D., National Science Foundation Institute Fellow in Mathematics, one year from June 16, 1963, \$4,574, supersedes (10-9-63).
- MONAHAN, MAURICE L., National Science Foundation Mathematics Institute Fellow in Mathematics, nine months from September 16, 1963, \$1,500 (9-30-63).
- MUELLER, KARL H., United States Public Health Service Fellow (Trainee) in Orthopaedic Surgery, one year from July 1, 1963, \$6,000 (9-24-63).
- MURRAY, RUBY H., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (8-13-63).
- NOTEBOOM, WILLIAM D., United States Public Health Service Predoctoral Fellow in Physiology, one year from October 1, 1963, \$2,200 (10-16-63).
- O'LEARY, KEITH D., United States Public Health Service Fellow (Trainee) in Psychology, nine months from September 16, 1963, \$2,000 (9-24-63).
- OVERBY, LACY R., Postdoctoral Fellow (Trainee) in Microbiology,  $\frac{1}{4}$  time, seven months from August 1, 1963, \$1,400 (8-27-63).
- OWEN, BARBARA L., United States Children's Bureau Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (10-15-63).
- PARKS, JOE M., United States Public Health Postdoctoral Fellow in Chemistry, five months from September 1, 1963, \$3,666.65 (10-12-63).
- PATTON, THOMAS H., JR., United States Public Health Service Predoctoral Fellow in Sanitary Engineering, one year from September 16, 1963, \$2,700 (9-17-63).
- PETERS, CATHERINE A., United States Public Health Service Fellow (Nurse Trainee) in Nursing, September 30, 1963-June 12, 1964, and September 28-December 17, 1964, \$200 a month (10-3-63).
- PLATT, SHEILA C., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$2,000 (10-3-63).
- POLSKY, ROBERT N., Part-time Medical Student Research Fellow in Pathology, nine months from September 16, 1963, \$600 (9-30-63).
- PRAIRIE, RICHARD L., Postdoctoral Fellow in Chemistry, eleven months from October 1, 1963, \$7,333.26 (10-31-63).
- RAISYS, VIDMANTAS A., United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1963, \$1,916.66 (10-1-63).
- ROSE, ROGER A., Medical Student Alternative Quarter Fellow, three months from October 1, 1963, \$200 (10-1-63).
- RYAN, ROBERT P., Vocational Rehabilitation Fellow (Trainee) in Education, nine months from September 16, 1963, \$3,400 (10-4-63).
- RYCKMAN, DAVID B., United States Office of Education Fellow in Education, nine months from September 16, 1963, \$3,400 (10-4-63).
- SANDERS, PIETER, Fellow in Law, nine months from September 16, 1963, \$1,500 (10-16-63).
- SARNAT, HARVEY B., Part-time Medical Student Research Fellow in Anatomy, nine months from September 16, 1963, \$600 (9-30-63).
- SCHAAF, DORIS M., United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1963, \$600 (10-2-63).
- SCHATZ, HOWARD, United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1963, \$600 (9-7-63).
- SCHECHTER, HOWARD, Medical Student Alternative Quarter Fellow, three months from October 1, 1963, \$200 (10-1-63).
- SCHLAF, RODGER, United States Public Health Service Fellow (Trainee) in Biological Chemistry, ten months from September 1, 1963, \$2,000 (10-1-63).
- SCHOLAR, ERIC M., United States Public Health Service Fellow (Trainee) in Pharmacology, ten months from September 1, 1963, \$2,000 (8-31-63).
- SCHUFFLER, MICHAEL D., Part-time Medical Student Research Fellow in Biological Chemistry, nine months from September 16, 1963, \$600 (9-30-63).
- SHALLAT, RONALD F., Part-time Medical Student Research Fellow in Pediatrics, nine months from September 16, 1963, \$600 (9-30-63).
- SILVER, RICHARD A., Part-time Medical Student Research Fellow in Otolaryngology, nine months from September 16, 1963, \$600 (10-4-63).
- SLOAN, DENNIS E., Part-time Medical Student Research Fellow in Physiology, nine months from September 16, 1963, \$600 (9-30-63).
- SOJA, DOROTHY M., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,200 (9-24-63).



- SQUIER, BEVERLY J., National Institute of Mental Health Fellow (Trainee) in Social Work, nine months from September 16, 1963, \$1,800 (10-2-63).
- STRAHS, GERALD, United States Public Health Service Predoctoral Fellow in Chemistry, one year from September 1, 1963, \$2,700 (10-10-63).
- TAYLOR, HOWARD P., Part-time Medical Student Research Fellow in Pharmacology, nine months from September 16, 1963, \$600 (9-30-63).
- TAYLOR, JAMES W., United States Public Health Service Predoctoral Fellow in Chemistry, one year from September 1, 1963, \$3,200 (11-5-63).
- THOMAS, JOHN A., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,200 (10-8-63).
- TORNHEIM, MRS. PATRICIA, United States Public Health Service Fellow (Trainee) in Anatomy, ten months from September 1, 1963, \$1,950 (9-20-63).
- TORNQUIST, MRS. JANET A., United States Public Health Service Fellow (Nurse Trainee) in Nursing, September 30-December 20, 1963, \$200 a month (10-3-63).
- TUTEUR, PETER G., Part-time Medical Student Research Fellow in Medicine, eight months from October 16, 1963, \$533.33 (10-15-63).
- VAN DYCK, PETER C., Part-time Medical Student Research Fellow in Physiology, nine months from September 16, 1963, \$600 (9-30-63).
- VERGIN, MARCIA A., United States Public Health Service Fellow (Trainee) in Chemistry, nine months from September 16, 1963, \$2,200 (9-23-63).
- VICTOR, THOMAS A., Part-time Medical Student Research Fellow in Pathology, nine months from September 16, 1963, \$600 (9-30-63).
- VOLNER, PATSY R., Vocational Rehabilitation Administration Fellow (Trainee) in Education, September 16, 1963-January 31, 1964, \$1,000 (10-14-63).
- WARD, JACK A., United States Public Health Service Predoctoral Fellow in Zoology, one year beginning September 16, 1963, \$2,000 (9-30-63).
- WEINHOLD, MRS. JEAN K., United States Public Health Service Fellow (Nurse Trainee) in Nursing, September 30, 1963-June 12, 1964, and September 28-December 17, 1964, \$230 a month (10-3-63).
- WEISSMAN, SIDNEY H., United States Public Health Service Fellow (Trainee) in Psychiatry, October 21, 1963-June 15, 1964, \$66.66 a month (10-22-63).
- WHITE, JOAN F., Postdoctoral Fellow (Trainee) in Entomology, nine months from October 1, 1963, \$4,500 (9-26-63).
- WICKS, ALBERT J., Charles E. Merriam Fellow in Political Science, nine months from September 16, 1963, \$1,500 (9-30-63).
- WIGGINS, THOMAS M., United States Public Health Service Fellow (Trainee) in Psychiatry, nine months from September 16, 1963, \$600 (10-2-63).
- WINDMUELLER, LOUISE E., Vocational Rehabilitation Administration Fellow (Trainee) in Education, nine months from September 16, 1963, \$1,800 (10-7-63).
- WINDOM, SULSA D., Vocational Rehabilitation Administration Fellow (Trainee) in Education, nine months from September 16, 1963, \$2,000 (9-23-63).
- WOLFSON, RONALD, Part-time Medical Student Research Fellow in Biological Chemistry, nine months from September 16, 1963, \$600 (9-30-63).
- WOODFORD, WAYNE P., United States Public Health Service Fellow (Trainee) in Anatomy, ten months from September 1, 1963, \$1,850 (9-20-63).
- ZBARAZ, DAVID, Part-time Medical Student Research Fellow in Pathology, nine months from September 16, 1963, \$600 (9-30-63).
- ZEILENGA, SUZANNE G., United States Public Health Service Fellow (Trainee) in Anatomy, nine months from September 30, 1963, without salary (10-2-63).

#### RESIGNATIONS, DECLINATIONS, CANCELLATIONS, AND TERMINATIONS

- BARRY, DENNIS R., Registered Pharmacist in Hospital Pharmacy (Pharmacy) — resignation effective October 22, 1963.
- BASU, GOBINDA L., Research Associate in Chemistry — resignation effective October 21, 1963.
- BRAUNFELD, PETER G., Research Assistant Professor in the Coordinated Science Laboratory — resignation effective November 1, 1963.
- CALLAHAN, GARY D., Microanalyst in Chemistry — resignation effective September 21, 1963.
- CHUA, LEON O., Teaching Fellow in Electrical Engineering — resignation effective November 8, 1963.

- CRUMPACKER, DANIEL, Associate Professor of Military Science and Head of the Department (Chicago Undergraduate Division) — declination effective September 1, 1963.
- DAVIS, THOMAS N., III, Clinical Assistant Professor of Psychiatry (Medicine) — termination effective October 1, 1963.
- DHAR, AUGUSTUS I., Assistant Professor of Physics (Chicago Undergraduate Division) — resignation effective October 1, 1963.
- DONEGAN, ROSA M., National Science Foundation Institute Fellow in Mathematics — resignation effective September 1, 1963.
- FARLEY, JANE C., Clinical Assistant Professor of Psychology (Medicine) — termination effective October 1, 1963.
- FETTERS, JOSEPH I., Head in Firemanship Training — resignation effective January 1, 1964.
- GLSEER, GOLDINE C., Research Associate Professor of Education in the Bureau of Educational Research — declination effective September 1, 1963.
- GUILLOU, JOHN C., Associate Professor of Hydraulic Engineering (Civil Engineering) — resignation effective October 1, 1963.
- HARMER, RICHARD S., III, Research Assistant in Ceramic Engineering — cancellation effective September 1, 1963.
- HUTSON, RICHARD E., Assistant in English — declination effective September 16, 1963.
- JONES, ALAN K. G., Fellow in Business Administration — resignation effective September 16, 1963.
- KAMARA, ALLIEU, Research Assistant in Preventive Medicine (Medicine) — declination effective September 1, 1963.
- McMULLEN, STEWART Y., Professor of Management — resignation effective March 1, 1964.
- MORGAN, MARTHA A., Research Associate in Elementary Education — resignation effective December 1, 1963.
- MUKHERJI, PARTHA N., Fellow in Sociology — resignation effective November 1, 1963.
- PULLIAM, WILLIAM E., Assistant in Education (University High School) — declination effective September 16, 1963.
- PUSZTASZERI, STEPHEN F., Research Assistant in Chemistry — resignation effective September 1, 1963.
- SCHRADER, RUDOLF, Visiting Associate Professor of Physics — declination effective October 1, 1963.
- SHARP, JAMES B., United States Public Health Service Fellow (Trainee) in Veterinary Medical Sciences — resignation effective November 1, 1963.
- STEPHENS, JOHN K., National Science Foundation Cooperative Fellow in Mathematics — resignation effective November 1, 1963.
- STOREY, DAVID A., Assistant Professor of Agricultural Marketing (Agricultural Economics) — resignation effective November 20, 1963.
- WANG, I. CHIH, Research Associate in Theoretical and Applied Mechanics — declination effective September 1, 1963.
- WILL, RAYMOND L., Research Assistant in the Center for Zoonoses Research — cancellation effective September 9, 1963.

#### LEAVES OF ABSENCE

- BOWEN, BARBARA C., Assistant Professor of French — disability leave of absence for the month of September, 1963, with full pay; and from October 1, 1963, through January 31, 1964, leave without pay.
- DE CHARMS, DESIREE, Music Library Assistant in the Library, with rank of Instructor — leave of absence, without pay, for three months from February 1, 1964, so that she may travel abroad.
- DE MARIS, EDWIN J., Professor of Industrial Administration and Head of the Department, and Professor of Accountancy — sabbatical leave of absence granted him for second semester, 1963-64, is hereby cancelled, without prejudice.
- GLENN, NORVAL D., Assistant Professor of Sociology — leave of absence, without pay, during the second semester of 1963-64, so that he may accept an appointment as a Visiting Assistant Professor at the University of Texas.
- ORMSBEE, ALLEN I., Professor of Aeronautical and Astronautical Engineering,

in the College of Engineering—leave of absence, without pay, for the second semester of the academic year, 1963-64, so that he may serve as a Visiting Professor at the University of California in Los Angeles.

THOMSON, ROBB M., Professor of Physical Metallurgy, in the College of Engineering—leave of absence, without pay, for three months from February 1, 1964, so that he may serve as Visiting Professor at the University of Tokyo.

VARZANDEH, MASSOUD, Research Associate in Radiology (Medicine)—leave of absence on account of disability, without pay, from September 9, 1963, and continuing until further notice.

#### RETIREMENTS

CRAMER, RALPH E., Research Associate Professor of Engineering Materials, in the Department of Theoretical and Applied Mechanics (College of Engineering)—retirement effective October 15, 1963.

MENEFEE, SHERMAN G., Associate in Dairy Chemistry—retirement from active University service effective on the date that Mr. Menefee attains age fifty-five.

PETERSON, EARL D., Farm Adviser for Montgomery County—retirement from active University service effective September 1, 1963.

SWANSON, JOHN W., Professor of Speech—retirement effective September 1, 1964.

#### FUTURE BOARD MEETINGS

President Clement announced that the next two meetings will be held, as scheduled, on December 18, 1963, and January 15, 1964, and that the December meeting will be held at the First National Bank of Chicago on invitation of its officers.

On motion of Mr. Johnston, the Board voted to hold the January meeting in Chicago.

#### RECESS AND EXECUTIVE SESSION

President Clement announced that an Executive Session has been requested and was being ordered for consideration of staff appointments and would be held after a brief recess.

On motion of Mrs. Watkins, the Board recessed.

When the Board reconvened in Executive Session, the same members and University officers were present as recorded at the beginning of these minutes, with the exception of Mr. Swain who asked to be excused.

The President of the University presented the following recommendation.

#### DEANSHIP OF THE GRADUATE COLLEGE

(1) A recommendation for the appointment of Dr. Frederick Seitz, Professor and Head of the Department of Physics, as Dean of the Graduate College to succeed Dean F. T. Wall, who has resigned the deanship, will be submitted to the Board of Trustees at its December meeting. I shall also recommend that the Board establish a new position of "Vice-President for Research" and that Dr. Seitz be appointed to that office.

In the meantime, I request approval of this recommendation so that I may submit a formal offer to Professor Seitz; I also request authorization to announce that his appointment will be recommended to the Board if acceptance is assured. The full details of this appointment will be submitted to the Board with the formal recommendation at its December meeting.

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

On motion of Mrs. Watkins, the Board adjourned.

#### STUDENT GUESTS OF THE BOARD

Following adjournment, a group of twenty-five undergraduate students

who are officers in the Student Senate and in other student organizations were guests of the Board at luncheon. A number of them also attended the Board meeting.

**FOOTBALL GAME WITH MICHIGAN STATE UNIVERSITY**

Mr. Dilliard requested that the minutes of today's meeting record that he did not at any time after the assassination of President Kennedy on Friday, November 22, approve of the plan to play the football game with Michigan State University at East Lansing, on Saturday, November 23, and that he proposed postponement, as was subsequently arranged, to Thanksgiving Day, November 28, 1963.

A. J. JANATA  
*Secretary*

HOWARD W. CLEMENT  
*President*