

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

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**November 28, 1956**



The November meeting of the Board of Trustees of the University of Illinois was held at the Chicago Professional Colleges, in the conference room of the East Dentistry-Medicine-Pharmacy Building, 833 South Wood Street, Chicago, Illinois, on Wednesday, November 28, 1956, beginning at 10:30 a.m.

The following members were present: Mr. Cushman B. Bissell, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. H. B. Megran, Mr. Timothy W. Swain, Mrs. Frances B. Watkins, and Mr. Kenney E. Williamson. Mr. Vernon L. Nickell and Governor William G. Stratton were absent.

Also present were President David D. Henry, Vice-President and Provost Henning Larsen, Dr. Herbert E. Longenecker, Vice-President in charge of the Chicago Professional Colleges, Mr. C. E. Flynn, Director of Public Information, Mr. William A. Peeples, Manager of Public Relations at the Chicago Professional Colleges; and the officers of the Board, Mr. H. O. Farber, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary.

**BUSINESS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY**

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

**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, 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>
ALBERT WILLIAM DOGAN	Valparaiso, Indiana	Indiana
JAMES CLIFFORD ETLING	Munster, Indiana	Indiana
BENJAMIN B. GORDON	Joliet, Illinois	New York
WALTER PAUL HOOPER	Skokie, Illinois	New York
ROBERT JAMES HOWARD	Granite City, Illinois	Missouri
JOHN PHILIP JAEGER	Park Forest, Illinois	District of Columbia
LYNN CLELAND JOHNSON	Chicago, Illinois	District of Columbia
PATRICK SAMUEL KEMP	Champaign, Illinois	Texas
GEORGE ROBERT MILLER	Chicago, Illinois	District of Columbia
JAMES FRANCIS QUILTER	Chicago, Illinois	District of Columbia
ARNOLD EVAN REINGOLD	Gary, Indiana	Indiana
JOHN WILLIAM RICK	St. Louis, Missouri	Missouri
ROBERT LEE SANDERS	Bellaire, Texas	Texas
PATRICK JOSEPH SHANNON	Chicago, Illinois	Indiana
GLEN EDWARD SPEIDEL	Kalamazoo, Michigan	Michigan
PLATON GEORGE SPEROS	Hammond, Indiana	Indiana
EARL WYLIE	Houston, Texas	Texas

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. DAVID D. BROCKMAN, Clinical Assistant Professor of Psychiatry, beginning October 1, 1956, without salary (DY).
2. RUSSELL HESTON, Associate Professor of Agricultural Engineering, beginning January 1, 1957, at an annual salary of \$8,400 (AY).
3. GEORGE T. MARCOU, Assistant Professor of Community Planning, in the Department of City Planning and Landscape Architecture, beginning November 1, 1956, at an annual salary of \$6,000 (DY).
4. KEITH MEDLEY, Assistant Professor of Anesthesiology, in the Department of Surgery, College of Medicine, beginning October 1, 1956, at an annual salary of \$8,000 (DY90).
5. J. WARREN PERRY, Assistant Professor of Psychology and Counselor, Student Counseling Bureau, Chicago Undergraduate Division, beginning October 15, 1956, at an annual salary of \$6,800 (DY).
6. CHESTER A. PHILLIPS, Visiting Professor of Economics, for second semester of 1956-57, at a salary of \$4,500 (G).
7. ISAAC STEPHEN, Visiting Assistant Professor of Agronomy, beginning November 16, 1956, at an annual salary of \$5,400 (DY).
8. GEORGE B. SWEET, Assistant Professor of Poultry Extension, in the Department of Animal Science, beginning November 1, 1956, at an annual salary of \$7,200 (DY).

### Appointments to Nonacademic Staff

The Director of Nonacademic Personnel reports the following appointments to a supervisory position of upper level responsibility.

1. ROB R. BELDON, Chief Broadcasting Engineer, Broadcasting-Radio Station, beginning October 15, 1956, at an annual salary of \$7,200.
2. MARIA M. DRIVAS, Colonial Room Supervisor, Illini Union, beginning September 15, 1956, at an annual salary of \$5,200.
3. ROGER J. FISHER, Assistant Examiner, Admissions and Records, beginning October 15, 1956, at an annual salary of \$4,700.
4. CHARLES A. McLAUGHLIN, Museum Preparator, Museum of Natural History, beginning September 15, 1956, at an annual salary of \$4,500.
5. MAX N. PIKE, Supervisor of Accident Compensation, beginning October 1, 1956, at an annual salary of \$5,100.

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

### APPOINTMENT OF DIRECTOR OF NURSING

(3) The Vice-President in charge of the Chicago Professional Colleges and the Medical Director of the Research and Educational Hospitals recommend the appointment of Miss Helen W. Dunn, presently Director of Nursing at the Glenn Dale Hospital, Glenn Dale, Maryland, as Director of Nursing in the Research and Educational Hospitals at a salary of \$8,500 a year, on "Y" basis, including one meal a day furnished for the convenience of the University, and Assistant Professor of Nursing in the School of Nursing, without salary, both appointments to become effective January 21, 1957, and continuing through August 31, 1957.

All recommending officers concur in this appointment.

I recommend approval.

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

### GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

(4) The Dean of the Graduate College, the Vice-President and Provost, and the Vice-President and Comptroller recommend an increase in graduate fellowships and scholarships beginning with the academic year 1957-58 as follows:

1. The award of 175 fellowships a year carrying stipends of \$1,200 each, plus exemption from fees except the hospitalization and medical service fee, to be awarded to qualified graduate students at Urbana-Champaign. This is an increase of forty-three fellowships. The present program of fellowship awards also provides \$18,000 a year for approximately ten fellowships with stipends ranging from \$1,500 to \$2,000 in the Chicago Professional Colleges. No increase in this area is being proposed at this time.
2. The award of 200 graduate scholarships, without cash stipends, but providing the same exemptions from tuition and fees as the fellowships. These will be new scholarships.

There is being submitted separately a recommendation to increase tuition fees charged nonresident students to provide additional income. The expansion of the scholarship and fellowship program is proposed so that this change in the fee structure does not operate to discourage potential teachers among the graduate students who are nonresidents of Illinois. It should be noted, however, that not all of the additional fellowships and scholarships would be for nonresident graduate students as the awards are made on the basis of scholastic record of the applicants and supporting recommendations.

This will require an additional amount of \$78,000 a year over the present appropriation of \$132,000 for fellowships at Urbana-Champaign and \$18,000 for the Chicago Professional Colleges.

I concur in this recommendation.

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

**CHANGES IN TUITION FEES**

(5) The estimate of University income in the biennial budget for 1957-59, as approved by the Board of Trustees, is based upon increasing total fees paid by nonresidents of Illinois. I recommend the following changes in the tuition fees to be charged nonresident students effective September 1, 1957:

<i>Urbana-Champaign and Chicago Undergraduate Division</i>	<i>Per Semester</i>	
	<i>Present</i>	<i>Recommended</i>
Full-time schedules.....	\$175 00	\$250 00
Part-time schedules:		
Undergraduate: Eight credit (semester) hours or less, per credit hour.....	12 00	20 00
Graduate: Two units or less, per unit.....	48 00	80 00
Summer Session: Five credit (semester) hours of undergraduate work or more; one unit of graduate work or more.....	87 50	125 00
Agriculture short course (six weeks).....	66 00	100 00

*Chicago Professional Colleges*

The academic year at the Chicago Professional Colleges consists of three terms (quarters) beginning in September and ending in June.

	<i>Per Quarter</i>	
	<i>Present</i>	<i>Recommended</i>
Full-time schedules.....	\$117 00	\$167 00
Part-time schedules:		
Twelve credit (quarter) hours or less, College of Pharmacy, School of Nursing, and Occupational Therapy, per credit hour.....	11 00	15 00
200 clock hours or less, College of Dentistry.....	11 00 (per 25 clock hours or fraction thereof)	15 00
200 clock hours or less, College of Medicine.....	14 00 (per 25 clock hours or fraction thereof)	18 00
Graduate: Two units or less, per unit.....	48 00	80 00

On motion of Mr. Johnston, these changes in tuition fees were authorized.

**EMPLOYMENT OF FINANCIAL CONSULTANT**

(6) The Finance Committee recommends the employment of Paul D. Speer, Chicago, as a financial consultant to review the present legal authority of the University to issue revenue bonds. Existing legislation should be examined to determine if it is adequate for the contemplated programs of financing construction of buildings through bond issues and if any changes are indicated to secure the best possible legal basis for issuing bonds at the lowest possible interest cost. A fee not to exceed \$5,000 for all services rendered is proposed.

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

**SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES**

(7) The Committee on Nonrecurring Appropriations recommends assignments of funds from the General Reserve Fund as follows:

*Champaign-Urbana Campus*

1. Department of Chemistry and Chemical Engineering, installation of equipment and remodeling in laboratories..... \$ 6 950
2. College of Education, printing and mailing the bulletin of the University Council on Teacher Education..... 2 900
3. Physical Plant Department, relocation of transformer bank..... 7 000
4. Department of Psychology, purchase and installation of equipment... 3 000

*Chicago Professional Colleges*

5. College of Pharmacy, purchase of equipment..... 4 150

6. Research and Education Hospitals, installation of shower baths in two rooms on the surgical floor of the Hospitals.....	2 850
7. College of Dentistry, purchase of equipment.....	3 174
8. Department of Biological Chemistry, construction of temporary partitions and installation of two fume hoods in a room in the Dentistry-Medicine-Pharmacy Building .....	3 900
9. Research and Educational Hospitals, replacement of medical records equipment .....	4 000
<i>Total</i> .....	<u>\$37 924</u>

I concur.

On motion of Mrs. Watkins, these appropriations were made by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

#### AUTHORIZATION OF APPLICATION FOR FEDERAL FUNDS FOR HEALTH RESEARCH FACILITIES

(8) Federal funds (Public Law 835, approved June 30, 1956) are available on a matching fund basis for health research facilities. Administration of grants is under the Surgeon General of the United States Public Health Service in the Department of Health, Education, and Welfare. A committee appointed by the Vice-President and Provost is studying needs for health research facilities at Champaign-Urbana and at the Chicago Professional Colleges. The Committee has approved the following applications for which funds are available on a matching basis:

1. Remodeling in the Research and Educational Hospitals to provide laboratories for metabolic research, hematology research, and research associated with the Blood Bank.....	\$100 000
2. Remodeling in the Dentistry-Medicine-Pharmacy Building to provide two dental research laboratories, one research photographic laboratory, and one research conference and seminar room.....	52 500
3. Remodeling of rooms for the Department of Anatomy.....	5 200
4. Remodeling of two rooms previously used for office space to provide laboratories and research facilities for the Department of Biological Chemistry.....	17 000
5. Remodeling of three rooms to provide research facilities in the Department of Medicine for the Allergy Research Unit.....	16 800
<i>Total</i> .....	<u>\$191 500</u>

Application may be made for federal funds in the above mentioned law in the amount of \$95,750. University matching funds are available in existing appropriations made by the Board of Trustees as follows:

From previous allocations to the Chicago Professional Colleges from the state appropriation for 1955-57 for remodeling.....	\$50 000
From the Revenue Bond Fund Account which must be used for modernization of the Dentistry-Medicine-Pharmacy Building.....	26 250
From unexpended balances in nonrecurring appropriations for remodeling in Chicago.....	19 500
<i>Total</i> .....	<u>\$95 750</u>

The Vice-President in charge of the Chicago Professional Colleges and the Vice-President and Comptroller recommend that an application be made for \$95,750 of federal funds for the above projects, and that University funds from the sources indicated be reallocated to match federal grants.

I concur and recommend that the Comptroller be authorized to execute such applications.

On motion of Mr. Livingston, these actions were taken by the following vote: Aye, Mr. Bissell, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Swain, Mrs. Watkins, Mr. Williamson; no, none; absent, Mr. Nickell, Mr. Stratton.

### ADDITION TO CONTRACT FOR ARCHITECTURAL SERVICES ON MEN'S RESIDENCE HALLS

(9) The Director of the Physical Plant and the Vice-President and Comptroller recommend a change in the contract with Berger-Kelley and Associates, Champaign, who have been employed by the University as architects for the next residence halls units constructed at Urbana-Champaign, to include architectural services for designing a snack bar and mail service unit to serve both the present halls in this area and the new units. The fee for this additional service will be 5.25 per cent of the construction contracts, which allows credit for work previously done by Mr. Ambrose M. Richardson. The estimated cost of the additional architectural services is \$8,800. The Housing Division has funds in its operating reserves which can be advanced for this purpose. Ultimately the Housing Division would be reimbursed from the proceeds of the bond issue to finance the construction of the new units.

I recommend (a) approval of this addition to the contract, (b) authorization of the assignment of funds, and (c) authorization of the Comptroller to execute the change.

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

### PURCHASES

#### Purchases Recommended

(10) 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 bid.

I concur.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
5,500 diploma covers for the period November 1, 1956, through June 30, 1957	Admissions and Records	W. M. Welch Manufacturing Co., Chicago	\$8 085 00 f.o.b. delivered
Cleaning and pressing approximately 1,700 Air Force R.O.T.C. uniforms and laundering approximately 3,400 shirts	Air Force Science	Royal Cleaners & Laundry, Champaign	3 681 86 (estimate)
One Le Blond Regal (or equal) lathe, 13 in. x 42 in. centers, complete with all standard equipment, plus 12 in. face plate, micrometer carriage-stop, steady rest, three chucks, taper attachment, 1800 r.p.m. motor, drum switch, and twenty-five collets	Chemistry and Chemical Engineering	The R. K. Le Blond Machine Tool Co., Oak Park	4 577 00 f.o.b. Cincinnati, Ohio
One lot laboratory apparatus (a complete list, with descriptions, of the items included in this order was available at the Board Meeting)	General Chemical Stores	A. S. LaPine & Co., Chicago	3 191 49 f.o.b. Urbana
One lot laboratory equipment and supplies (a complete list, with descriptions, of the items included in this order was available at the Board meeting)	General Chemical Stores	A. S. LaPine & Co., Chicago	6 250 00 f.o.b. Urbana
One new No. 2 Universal milling machine, Brown and Sharpe or equal, less trade-in allowance for used machinery as follows: two grinders, two lathes, one saw, one plain milling machine	Electrical Engineering	Kearney & Trecker Corp., Milwaukee, Wis.	8 595 00 f.o.b. Milwaukee, Wis.
120 pieces cable 1/2 in. diameter, semi-flexible, styroflex with habirlene (polyethylene) jacket, 50 ohms; 521 ft. - 0 + 20 ft. per length, shipped on returnable reels	Electrical Engineering	Phelps Dodge Copper Products Corp., New York, N.Y.	44 775 00 f.o.b. Yonkers, N.Y. (transportation allowed) (including deposit on returnable reels amounting to \$4,200)

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Southern yellow pine or Douglas fir Class I A.S.A. 8 lb. penta or creosote treated poles: 121 poles 75 ft. long, and one pole 35 ft. long	Electrical Engineering	International Paper Co., Chicago	\$23 710 60 f.o.b. Savoy, Illinois
One tree model 2UVR vertical milling machine (or equivalent) complete with lubrication system—all standard equipment, end measuring set, two end mill adapters, offset boring tool, two Jacobs chucks, taper boring tool, work lamp, two collets, and one University three-way precision vise	Engineering Research	Bansbach Machinery Co., Chicago	4 697 75 f.o.b. Racine, Wis.
Three style G Kimball grand pianos, less trade-in allowance for the following: one Schiller grand, built in 1933; one Ivers and Pond grand, built in 1914; one Cable upright, built in 1920	School of Music	Clifford Lloyd Piano Co., Champaign	4 205 00
One coordinate comparator, longitudinal motion 100 mm. reading to 0.001 mm.; 360° angular motion reading to 0.01° with microscope magnification 1x to 40x, with photo plate attachment mounted in rack and pinion	Physics	Gaertner Scientific Co., Chicago	3 940 00 Chicago
One potentiometer microvolt, six-dial, two ranges, in steps of 0.1 microvolt and 0.01 microvolt, for low voltage thermocouple measurements	Physics	Rubicon Co., Philadelphia, Pa.	2 676 73 f.o.b. Urbana
One Wenner thermofree reversing switch One N.B.S. 1 ohm standard resistor 25,000 tablets Prednisone 5 mg.	Hospital Pharmacy	Merck Sharp & Dohme Division, Merck & Co., Chicago	3 060 00 delivered
500,000 multiple vitamin capsules of a formula which meets U.S.P. requirements	Hospital Pharmacy	Xttrium Laboratories, Chicago	3 950 00 delivered
One quartz torsion ultramicrobalance 0.001 microgram sensitivity	Medicine	Microtech Services Co., Berkeley, Calif., manufacturer and inventor	3 960 00 delivered
Service connections and nonrecurring charges for local channel installation to cover five one-hour programs to be presented on the following dates: 12/10/56, 1/14/57, 2/11/57, 3/11/57, and 4/8/57 through fourteen outlets according to the program requirements of the staff of the College of Dentistry	Postgraduate Extension, College of Dentistry	American Telephone & Telegraph Co., Chicago	8 000 00 (maximum)
A series of five closed circuit television programs including kinescope recordings and all studio facilities in conjunction with the Dentistry Postgraduate Extension Program together with complete camera equipment, stock scenery, and furniture	Postgraduate Extension, College of Dentistry	Chicago Educational TV Association, Museum of Science & Industry, Chicago (Station WTTW—Channel 11)	9 350 00
White offset paper 100 reams 22½ x 35—58 lb. 100 reams 25 x 38—60 lb. 1,000 reams 8½ x 11—7.25 lb.	Office Supply Storeroom	Decatur Paper House, Decatur	3 248 03 f.o.b. delivered
20,000 lbs. federal specification TT-W-251-B, type C, soft white lead paste	Physical Plant	National Lead Co., Chicago	3 650 00 f.o.b. delivered
Three distribution transformers, dry-type air-cooled, 167 kva, single phase, sixty-cycle	Physical Plant	General Electric Co., Springfield	4 033 26 f.o.b. delivered
Two interrupter switches, enclosed, three-gang operated, 200 amp., 5 kv.	Physical Plant	Westinghouse Electric Corp., Peoria	2 802 00 f.o.b. delivered
1,000 copies <i>Fifty Years of Farm Management</i> , by H. C. M. Case and D. B. Williams, to be printed and bound	University Press	Pantagraph Printing & Stationery Co., Bloomington	3 535 00 f.o.b. Urbana
2,000 copies of <i>Congressman Abraham Lincoln</i> , by Donald Riddle	University Press	Pantagraph Printing & Stationery Co., Bloomington	3 154 00 f.o.b. Urbana
One polygraph with preamplifier, amplifiers, and writing unit (this polygraph will be used in the recording of blood pressure oxygen tension, respiration, and other physiological data)	Pharmacology	Grass Instrument Co., Quincy, Mass.	2 475 00 f.o.b. Quincy, Mass.

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One 16 in. x 16 in. x 24 in. steam heated dressing sterilizer complete with indicating recorder	Physical Plant, Chicago Professional Colleges	American Sterilizer Co., Chicago	\$3 160 00 f.o.b. delivered
Fourteen automobiles with automatic transmissions and V8 engines as follows: thirteen four-door sedans; one four-door station wagon; three trucks, cab and chassis only, one-half ton capacity; less trade-in allowance for seventeen vehicles in the University fleet	Physical Plant, Control Systems Laboratory	Hartigan Chevrolet Co., Chicago, two sedans, two trucks Dana Hudelson, Inc. (Ford), Champaign, two sedans, one station wagon, one truck Bill Jacobs Chevrolet Co., Joliet, eight sedans Young Chevrolet Co., Minonk, one sedan	5 195 44 3 618 17 7 392 00 919 58

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

### Purchases Authorized

The following purchases were approved by the Provost, acting for the President, pursuant to special authorization by the Board of Trustees of International Cooperation Administration contracts:

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
One microphotometer recording for automatic scanning of spectrographic plates and film, complete with recorder, scanner, and rotatable stage, 230 volts, 50 cycles	India Contracts	Wihtol Industries, Eatontown, N.J.	\$3 155 50 f.a.s. New York, N.Y.
One induction furnace assembly, 6 kw., high frequency, converter type for 220 volts, 50 cycle operation, complete with accessories	India Contracts	Ajax Electrothermic Corp., Trenton, N.J.	2 782 00 f.a.s. New York, N.Y.
One dryer-flaker, single and double drum, atmospheric, 230 volts, 50 cycle, laboratory model	India Contracts	F. J. Stokes Machine Co., Philadelphia, Pa.	3 435 00 f.a.s. New York, N.Y.
One ice maker, one ton capacity crystal size ice, self contained unit Freon type, with integral one-half ton storage bin (wood), 230 volts, 50 cycle operation	India Contracts	Vilter Sales & Con- struction Co., Chicago	2 675 00 f.a.s. New York, N.Y.
One pilot plant (laboratory size) suitable for pressure and vacuum distillation of petroleum fractions, steam distillation, azeotropic distillation, exhausting and rectification work in chemical engineering instruction	India Contracts	Vulcan Cincinnati, Inc., Cincinnati, Ohio	25 495 00 f.a.s. New York, N.Y.
One testing machine, universal screw power, five range, 400,000 lb. capacity, for compression-extension-transverse testing, complete with accessories	India Contracts	Riehle Testing Machines, East Moline	46 765 00 f.a.s. New York, N.Y.

On motion of Mr. Bissell, these purchases were approved.

### COMPTROLLER'S REPORT OF CONTRACTS

(11) The Comptroller's report of contracts executed during the period October 1 to October 31, 1956.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
J. S. Dunlap	Removal of improvements at 108 North Romine Street, Urbana, Illinois	\$ 105 00	September 18, 1956
T. A. Foley	Sale of eight trees from Hackett Farm	150 00	September 24, 1956
Kretschmer Wheat Germ Corp.	Factors affecting the stability of lepoproteins	3 000 00	October 15, 1956
Herbert R. Mathews	Removal of house at 1307 West Stoughton Street, Urbana, Illinois	40 00	September 18, 1956
The Quaker Oats Co.	Oat hybrids	2 000 00 (annually for three years)	December 1, 1956
State of Illinois, State Housing Board	Analysis of planning programs for municipalities eligible to apply for federal planning assistance	2 000 00	October 1, 1956



<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
United States Army DA-11-074-AV-2038	Instruction of military personnel	Rates per contract	September 1, 1956
United States Navy N 220-750 B	Educational instruction	\$ 750 00	October 2, 1956
<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
James Bickerman	Removal of barn No. 1 on Weber Farm No. 2	\$2 500 00	September 26, 1956
James Bickerman	Repair corn cribs on Weber Farms No. 1 and No. 3	1 200 00	September 28, 1956
City of Peoria Health Department	Furnish public health field experience for ten students in the School of Nursing	400 00	August 1, 1956
County of Peoria Health Department	Furnish public health field experience for ten students in the School of Nursing	400 00	September 13, 1956
Harlan E. Moore & Co.	Reroof property at 1005 West Nevada Street, Urbana, Illinois	2 444 00	September 18, 1956
Public Health District of Berwyn, Illinois	Furnish public health field experience for students in the School of Nursing	20 00 per student	October 8, 1956

## Leases

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Effective Date</i>
International Harvester Co. (eight agreements)	Farm equipment for use by the College of Agriculture	\$ 702 65	July 1, September 1, and September 11, 1956
John Deere Plow Co. (three agreements)	Farm equipment for use by the College of Agriculture	590 13	July 1 and October 1, 1956
Security Abstract & Title Co.	Rental of six rooms for office space in Belleville, Illinois, for use by Division of Services for Crippled Children	2 340 00	October 1, 1956
B. A. Strauch	Second floor of 709 South Wright Street, Champaign, Illinois, for use by Bureau of Economic and Business Research	1 840 00	September 24, 1956

## Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Effective Date</i>
Tee-Pak Foundation	Film as a retardant to deterioration of meat	\$3 500 00	September 1, 1956
United States Army DA 49-007-MD 421	Transmission of the common cold under controlled conditions	35 167 00	August 31, 1956
United States Air Force AF 18(600)-1580	Effect of palmitic acid and stearic acids on dietary cholesterol absorption	2 851 45	August 31, 1956
United States Navy Nonr-1244(00)	Develop methods and procedures for training in military and disaster medicine	9 000 00	July 1, 1956
United States Navy Nonr-1459(01)	Improve and develop a method of pulpotomy effective in preserving permanent teeth	11 533 00	July 31, 1956

**Adjustment Made in 1953-54 Cost-Plus Contract**  
(Adjustment in project authorized prior to July 1, 1956)

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Consulting Engineering Service	Electrical work drawings for alterations to room 318, Animal Sciences Laboratory	\$45 60	October 15, 1956

**Adjustment Made in 1956-57 Cost-Plus Contract**

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Harry F. Fisher (Plastering)	Eighteen items: \$34.52 deduct to \$180.00	\$575 08	September-October, 1956

This report was received for record.

**QUARTERLY REPORT OF THE COMPTROLLER**

(12) The Comptroller presents his quarterly report to the Board as of September 30, 1956.

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

**BEQUEST OF EDWARD H. SCHLADER**

(13) The will of the late Edward H. Schlader, Class of 1916, of Beloit, Wisconsin, who died October 17, 1956, includes the following bequest to the University:

"3

"All of the rest, residue and remainder of my property and estate, either real or personal, that I may own at the time of my death, or that my estate may be entitled to by reason of my death, I give, devise and bequeath to the Board of Trustees of the University of Illinois at Urbana, Illinois, IN TRUST, and IN TRUST, ONLY, for the following uses and purposes—

"A. To invest said estate in those types of investments as are permitted by law for the investment of trust funds and to use the income therefrom and so much of the principal as in the judgment of the Trustees shall be deemed necessary or advisable, for the following uses and purposes—

"1. To establish a Scholarship Fund to be known as the Schlader Memorial Scholarships in Engineering, in memory of Theodore H. Schlader, Class of 1885.

"2. To use said fund for scholarships for Junior and Senior Engineering students in the University of Illinois.

"3. Said scholarship awards to be made annually in amounts of not less than \$200.00 by the Committee of Special Undergraduate Scholarships on proper recommendations of the College of Engineering.

"It is my wish that awards be made annually as follows (1) To a student in Architecture and/or Architectural Engineering. (2) To a student in Electrical Engineering. (3) To one or more students in any branch of Engineering.

"It is my wish that the amount of each award be in the discretion of the Board of Trustees, but each award shall not be less than \$200.00, and that at least 80% of the income from said trust estate be used annually.

"In creating this trust it is my desire that said annual awards be made to worthy students on the basis of their scholastic ability, their character and their financial need.

"4

"I hereby nominate and appoint The Second National Bank of Beloit, Wisconsin, as the executor of this my last will and testament, and I hereby give and grant to said executor full power and authority to sell and dispose of any and all real or personal property which I may own at the time of my death and to give deed or deeds of conveyance to said real estate with the same force and effect as I might do if living, all without leave or authority of any court or tribunal whatsoever.

"I hereby direct the executor of this my said last will and testament to inform the trustee herein named of the terms and conditions of the trust herein provided for, in writing within thirty days of its appointment as such executor, and I direct said trustee to inform said executor of its intention to accept or reject the gift, devise and bequest in writing within six months of the date the said trustee was so advised of the terms and conditions of the trust herein provided for, and in the event said trustee named shall fail, refuse or decline to act as said trustee, or so to advise the executor herein named that they will accept the gift, devise, and bequest, then and in that event I give, devise and bequeath all of the rest, residue and remainder of my property and estate, either real or personal that I may own at the time of my death, or that my estate may be entitled to by reason of my death to the University of Illinois Foundation at Urbana, Illinois."

I recommend that the Board accept the bequest upon the terms and conditions specified and that it authorize its Comptroller and Secretary to execute such documents as may be necessary as evidence of such acceptance.

On motion of Mrs. Watkins, this recommendation was approved. The Secretary was instructed to express to the appropriate representatives of Mr. Schlader's estate the appreciation of the Board of Trustees for this generous bequest.

#### ESTATE OF FRED S. BAILEY

(14) Representatives of the Fred S. Bailey estate have requested an appearance before the Board of Trustees to advise the Board of the estate and the nature of the trust created under Mr. Bailey's will, and to discuss plans for administration of those portions of the trust which affect the University of Illinois. Representatives of the University Y.M.C.A. have also requested an opportunity to be present on this occasion so that they may be informed of the provisions of the trust affecting the University Y.M.C.A., which is a beneficiary of Mr. Bailey's will in that it establishes scholarships for students at the University of Illinois, said scholarships to be awarded by the Y.M.C.A.

The bill to contest Mr. Bailey's will which was pending in the Circuit Court for Champaign County has now been dismissed and the will is confirmed. It is therefore an appropriate time to establish the mechanics of the trust.

Messrs. Wallace M. Mulliken, of the law firm of Thomas, Mulliken, and Mamer, Champaign, attorney for Mr. Bailey; William O. Heath and Merwyn Q. Lytle, Vice-Presidents of the Harris Trust and Savings Bank of Chicago, executors of the estate of Fred S. Bailey; H. B. Ingalls, General Secretary of the University Y.M.C.A., and Tom S. Hamilton, Chairman of the Awards Committee of the Y.M.C.A., appeared at the meeting and were introduced.

Mr. Heath related the historical background of Mr. Bailey's bequest, his life-long interest in the University and the community of Champaign-Urbana, and the considerations which led him to establish a trust for the benefit of the University and its students. He also reported on the attempt made to contest Mr. Bailey's will which was successfully defended by Messrs. John L. Franklin, Special Counsel for the Harris Trust and Savings Bank in this litigation, and Ralph F. Lesemann, University Legal Counsel. Mr. Heath then presented a financial statement of the present status of the Bailey Trust and estimates of future income. Copies of this statement were distributed to the Trustees, and a copy has been filed with the Secretary of the Board for record. Most of the trust assets are bonds and common stocks, but they include a farm of 230 acres in Champaign County, conservatively valued at \$138,000. Mr. Heath stated that the Harris Trust and Savings Bank will welcome suggestions from the Board of Directors of the University Y.M.C.A. and the Board of Trustees of the University of Illinois, beneficiaries of the trust, as to whether or not this farm should be sold and the proceeds invested in securities.

Mr. Lytle reported on the investment portfolio of the trust. As the senior officer in charge of personal trusts in the Trust Department of the Harris Trust and Savings Bank, he will have personal supervision of the Bailey Trust. Mr. Lytle asked that the Board of Trustees of the University of Illinois adopt a resolution accepting the income from the trust and designating the appropriate officer to receive the funds, and that the Board of Directors of the University Y.M.C.A. adopt a similar resolution. These resolutions may also specify how the beneficiaries desire to receive payments, i.e., annually, semiannually, or quarterly.

Messrs. Ingalls and Hamilton reported on how the University Y.M.C.A. will administer the awards of the Bailey scholarships. While the University Y.M.C.A. has complete freedom in the awarding of the scholarships, they stated that it will work with the University authorities through exchange of information to coordinate these awards with awards of other University scholarships.

The Secretary read a letter from Dean Paul M. Green of the College of Commerce and Business Administration concerning the plans for the utilization of the trust income which the University will receive to support a Bailey Memorial Chair of Money, Banking, and Finance. A copy of this letter is filed with the Secretary of the Board.

At the conclusion of these presentations, Mr. Livingston moved that the Board of Trustees accept the funds made available to it from the Bailey Trust for the purposes specified therein; that the Board of Trustees hereby record its tribute to Mr. Bailey's memory and deep appreciation of what he has done for future generations of students who will be the direct beneficiaries of his generosity and for the public which will benefit indirectly through the continuing contribution of the Bailey Trust to the higher education of young men and women; and that the Board also record its appreciation of the faithful stewardship of Mr. Bailey's attorneys and the executors of his estate.

This motion was unanimously adopted.

#### **GRANT FROM NATIONAL SCIENCE FOUNDATION**

(15) The National Science Foundation has made a grant of \$86,700 to the University of Illinois in support of a program for supplementary training of high school teachers of mathematics. I have accepted this grant under the terms and conditions as specified in two letters dated November 19, 1956, copies of which are hereby filed with the Secretary of the Board.

The grant is in a field in which the University already has established leadership, and we welcome the opportunity to extend the study and exploration of what can be done to improve and accelerate the training of teachers of science and mathematics. The grant is both a recognition to those who have done the groundwork which has made the award possible and an opportunity to make additional important contributions.

Confirmation of this action is requested.

On motion of Mr. Swain, the President's action was confirmed.

#### **GIFT OF PAINTINGS FROM MR. CUSHMAN B. BISSELL**

(16) Mr. Cushman B. Bissell has presented the University with the following oil paintings for the Chicago Professional Colleges, and they have been hung in the Chicago Illini Union Building: "Scene in Fontainebleau," by Narcisse Virgile De La Pena Diaz; "Market Street Scene," by G. LaCroix; "Tyroleon Mountain Scene," eighteenth century, artist unknown; "Figures in Landscape," by Charles de Latour; and "English Portrait," eighteenth century, artist unknown.

I have accepted these paintings, on behalf of the University, and report my acceptance for record, but I would take this occasion to express publicly for University students and staff our gratitude for Mr. Bissell's fine contribution to the University's art collections.

On motion of Mrs. Watkins, the President's action was confirmed, and the Board recorded its appreciation of Mr. Bissell's gift.

### EXECUTIVE SESSION

At this point, on request of Mr. Livingston, an executive session was ordered to consider the following items of business presented by the President of the University.

#### ENGINEERING SERVICES FOR CONTROL SYSTEMS LABORATORY

(17) A request for authority to employ the Aero Design and Engineering Company of Bethany, Oklahoma, for engineering services and modifications of an Aero Commander, Model 680, airplane, purchased for use in research work under the direction of the Control Systems Laboratory, at a cost of \$32,586.75. The funds for this will be provided under contracts with the United States Government.

On motion of Mr. Johnston, these services and expenditure were authorized.

#### RECOMMENDATIONS OF THE UNIVERSITY PATENT COMMITTEE

(18) The University Patent Committee submits, with the concurrence of the Chairman of the University Research Board, the following recommendations relating to inventions by members of the staff:

1. Transistorized bistable multivibrator — J. M. Wier, former Research Associate, Digital Computer Laboratory, inventor. This device is used to provide information storage in digital control and data handling systems. On June 27, 1956, the Patent Committee reported to the Board of Trustees that the University of Illinois Foundation had been requested to investigate the possibilities of obtaining a patent on this device. In its investigations the Foundation learned that a clear equivalent of this type of transistor circuit had been reported from another institution several years ago. Accordingly, the Chief Engineer of the Digital Computer Laboratory and the Patent Committee recommend the release of this invention to the Office of Naval Research, the sponsoring agency.

2. The use of cell walls of group AB hemolytic streptococci and products therefrom as an immunizing vaccine — Dr. S. S. Barkulis, Assistant Professor of Biological Chemistry, College of Medicine, inventor. This substance is made by disintegrating cell walls of microorganisms and using the disintegrates as an immunizing vaccine. The Patent Committee has studied this development and recommends that the interest of the University be transferred to the University of Illinois Foundation for further investigation and the filing of an application for a patent if such action appears warranted.

3. (1) Trimethylammoniumalkylphosphonic acids; the iodides of their dialkyl esters; (2) reactions of organic phosphites with benzyltrialkylammonium derivatives; phosphonic acid analogs of nucleoside phosphates — Terrell C. Myers, Assistant Professor of Biological Chemistry, College of Medicine, inventor. These chemical compounds are potentially of therapeutic value. Upon receipt of the disclosures, the Patent Committee referred them to Dr. C. S. Marvel, Research Professor of Organic Chemistry, who reported that they may have some interesting pharmacological properties; however, before he could give any opinion as to their value, further evidence of physiological activity would be required. Resources are not presently available in the College of Medicine to conduct the rather extensive research that would be necessary. It is the opinion of the Patent Committee that the commercial value of these compounds is uncertain and does not justify the expenditure of funds for further tests and a patent application at this time. Accordingly, the Patent Committee recommends the release of these three compounds to the inventor.

4. Junction transistor (flipflop) using a GB-amplifier and an emitter-follower — W. J. Poppelbaum, Research Assistant Professor, Digital Computer Laboratory, inventor. This new circuit is used in making bi-stable transistor elements. There are many other circuits which accomplish the same purpose and it is very difficult to assess its commercial value or to gauge whether other circuits would be superior for commercial usage. Under the circumstances, the Chief Engineer of the Digital Computer Laboratory and the Patent Committee are of the opinion that the further expenditure of funds on the development of this inven-

tion is not warranted. The Committee recommends the release of the invention to the Office of Naval Research, the sponsoring agency.

5. Method of preparing polyalkylene disulfides and polyalkylene polysulfides — C. S. Marvel, Research Professor of Organic Chemistry, and Elmer Olson, a graduate student, inventors. This invention has interesting possibilities, although it is impossible to determine at present whether it has any commercial value. Accordingly, the Patent Committee has requested the University of Illinois Foundation to investigate the commercial possibilities and report its findings to the Committee.

I concur in these recommendations.

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

#### REPORT OF THE EXECUTIVE COMMITTEE

The Executive Committee submitted the following report.

#### MEETING OF THE EXECUTIVE COMMITTEE NOVEMBER 2, 1956

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the offices of the American Bank Note Company,<sup>1</sup> 18 East Twentieth Street, Chicago, Illinois, on Friday, November 2, 1956, beginning at 11:00 a.m.

The following members were present: Mr. Park Livingston, Mrs. Frances B. Watkins, and Mr. H. B. Megran, Chairman.

Also present were Mr. H. O. Farber, Comptroller, and Mr. A. J. Janata, Secretary of the Board.

The Executive Committee considered the following matters of business presented by the Secretary on behalf of the President of the University.

#### Appointment of Dr. Edward J. Forrest as Assistant Dean of the College of Dentistry

The Dean of the College of Dentistry and the Vice-President in charge of the Chicago Professional Colleges recommend the appointment of Dr. Edward J. Forrest as Assistant Dean of the College of Dentistry and Associate Professor of Orthodontics in the Department of Orthodontics beginning January 1, 1957, at a salary of \$9,500 a year, on "Y" basis. This appointment is for the balance of the current academic year, but it is proposed that the appointment be put on a continuing basis beginning September 1, 1957.

I recommend approval.

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

#### Purchase of Automobiles

The Director of the Physical Plant and the Comptroller recommend the purchase of twenty-five automobiles (twenty-four four-door sedans, one four-door station wagon) with automatic transmissions and eight-cylinder engines to replace vehicles presently in the University fleet. This is in accordance with the University practice of replacing passenger automobiles whenever they have been driven 45,000 miles or are more than three years old. Experience and records of maintenance costs over the years have proven this to be an economical replacement practice. In the past the University has been purchasing automobiles with standard transmissions and six-cylinder engines. It is proposed to change over to automobiles with eight-cylinder engines and automatic transmissions and to models in the middle rather than in the lowest priced classes of passenger cars. Studies have indicated that once the initial investment in cars of the middle price class has been made, operating and maintenance costs, as well as replacement costs, will be only slightly more than those of less expensive models; but the better cars will provide an extra measure of safety for the staff who use them, plus more comfort and ease of driving.

It is recommended that the new vehicles be purchased from the following dealers on the basis of lowest bids:

<sup>1</sup> The meeting was held in the offices of the American Bank Note Company because the members of the Executive Committee were there on November 2 to sign bonds being issued by the Board of Trustees to finance the construction of an addition to the Lincoln Avenue Residence.

	Quantity	Total Price	Total Allowance	Total Net Cost
Lawder Bros., Chicago (Ford) ..	14 sedans	\$25 536 00	\$12 600 00	\$12 936 00
Tom Purvis, Mattoon (Ford) ..	2 sedans	3 864 70	1 460 00	2 404 70
Hartigan Chevrolet Co., Chicago .....	4 sedans	7 355 60	2 380 00	4 975 60
Sullivan Chevrolet Co., Champaign .....	3 sedans	7 146 15	4 398 00	2 748 15
Bill Jacobs Chevrolet Co., Joliet	1 station wagon	3 885 25	1 700 00	2 185 25
		<u>\$47 787 70</u>	<u>\$22 538 00</u>	<u>\$25 249 70</u>

A schedule of all bids received is submitted herewith, and a copy is being filed with the Secretary of the Board as a part of the record of this meeting.

I concur in these recommendations.

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

There being no further business, on motion of Mr. Livingston the Committee adjourned.

A. J. JANATA  
*Clerk*

PARK LIVINGSTON  
FRANCES B. WATKINS  
H. B. MEGHAN, *Chairman*

#### SECRETARY'S REPORTS

The Secretary presented for record the following lists: (1) appointments made by the President; (2) graduate fellows; (3) resignations, declinations, cancellations, and terminations; (4) leaves of absence.

#### APPOINTMENTS MADE BY THE PRESIDENT

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

- ALBERT, WARREN, Assistant Binding Librarian (Catalog Department), with rank of Instructor, eleven months from October 1, 1956, \$4400 a year, supersedes (10-24-56).
- ARMSTRONG, CLARESA M., Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1956, without salary (11-5-56).
- BARRON, DAVID, Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1956, without salary (10-24-56).
- BESTETTI, ALBERTO, Research Assistant in Pathology (Medicine), eight months from November 1, 1956, \$333.33 a month (10-30-56).
- BORELIUS, CARL O. G., George A. Miller Visiting Lecturer in Physics and in Metallurgy (Mining and Metallurgical Engineering) (C), one month from January 16, 1957, \$3000 (11-5-56).
- BROCKMAN, DAVID D., Clinical Assistant Professor of Psychiatry (Medicine), eleven months from October 1, 1956 (10-24-56).
- BRODY, SEYMOUR S., Research Associate in Botany (Graduate College), one year from October 1, 1956, \$5500, supersedes (10-15-56).
- BURCHELL, SARA J., Assistant in Anesthesiology (Surgery) (Medicine), eleven months from October 1, 1956, without salary (11-2-56).
- CANAHUATI, S. M., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1956, without salary (11-2-56).
- CHAPPEL, MERWIN R., Associate Professor of Hygiene, on indefinite tenure; Assistant to the Director of Health Services and Medical Adviser in the Health Service, eleven months from October 1, 1956, \$10,000 a year, supersedes (10-13-56).
- CHONG, YONNHAE, Assistant in Anesthesiology (Surgery) (Medicine), nine months from December 1, 1956, without salary (10-17-56).
- CULLER, HELEN S., Instructor in English, six months from September 1, 1956, \$300 a month (10-16-56).
- DEAN, JEANNETTE B., Assistant Professor of Home Economics and Assistant State Leader (E), October 15, 1956-August 31, 1957, \$5750 a year (10-15-56).
- DOWNS, RICHARD E., Research Associate in Anthropology (Graduate College), seven months from February 1, 1957, \$375 a month (11-9-56).
- EIB, MARCIA R., Research Assistant in Chemistry (Graduate College), September 16, 1956-March 31, 1957, \$333.33 a month (11-16-56).

- ELLIOTT, CHARLES R., Assistant Professor of Clinical Speech Pathology (Otolaryngology), without salary, and Speech Pathologist to the Center for Handicapped Children, 45/100 time (Medicine); Speech Pathologist to the Cleft Palate Center, Division of Services for Crippled Children, 55/100 time, one year from September 1, 1956, \$7500, supersedes (10-15-56).
- ENGBRING, JANET, Assistant in Occupational Therapy (Medicine), ten months from November 1, 1956, \$4000 a year, supersedes nonsalaried appointment (11-2-56).
- FARAG, SHAFEEK, Instructor in Physical Sciences (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$4200 (10-17-56).
- FARRAR, NORMA E., Head Resident of Busey Hall, October 12, 1956-June 30, 1957, \$300 a month; for the convenience of the University she will be furnished room and board valued at \$31 a month (10-15-56).
- FIocca, VINCENT L., Assistant in Operative Dentistry (Dentistry), eleven months from October 1, 1956, without salary, supersedes (10-17-56).
- FORREST, EDWARD J., Associate Professor of Orthodontics, 38/100 time, and Assistant Dean, 62/100 time (Dentistry), eight months from January 1, 1957, \$9500 a year (11-2-56).
- GAUR, HARISH C., Research Associate in Chemistry (Graduate College), one year from October 1, 1956, \$5500, supersedes (11-8-56).
- GELLMAN, DAVID D., Research Assistant in Medicine (Medicine), September 24, 1956-August 31, 1957, without salary (10-17-56).
- GILL, KATHARINE T., Instructor in English, academic year beginning September 1, 1956, \$4000, supersedes (10-15-56).
- GOODMAN, MRS. IONE, Research Assistant in Preventive Medicine (Medicine), one year from September 1, 1956, \$3900 (11-9-56).
- GOSS, MRS. MARY E., Instructor in Medical Social Work (Medicine), one year from September 1, 1956, \$5000, supersedes (10-24-56).
- GROSS, DAVID P., Clinical Instructor in Psychiatry (Medicine), eleven months from October 1, 1956, without salary (11-9-56).
- GROSSMAN, HERBERT J., Assistant Professor of Pediatrics, in the Department of Pediatrics and in the Department of Psychiatry (Medicine), and in the Division of Services for Crippled Children, one year from September 1, 1956, \$6360, supersedes (10-17-56).
- HELLER, SABINE A., Instructor in Physical Sciences (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1956, \$2000 (10-30-56).
- HENDRICKSON, FRANK R., Instructor in Radiology (Medicine), eleven months from October 1, 1956, without salary (10-30-56).
- HITTLE, CARL N., Assistant Professor of Agronomy (C, 2/10 time and S, 8/10 time), eleven months from October 1, 1956, \$7500 a year, supersedes (10-19-56).
- HNIL, JOSEPH M., Assistant in Anesthesiology (Surgery) (Medicine), October 15, 1956-August 31, 1957, without salary (10-17-56).
- HOUSER, LLOYD J., JR., Serials Assistant in the Library, seven months from February 1, 1957, \$333.33 a month, supersedes (10-22-56).
- HUNTINGTON, WHITNEY C., Consultant in the Physical Plant Department, 3/10 time, academic year beginning September 1, 1956, \$4750 (10-23-56).
- HYNEMAN, RICHARD F., Research Associate in Electrical Engineering (C), one year from September 1, 1956, \$6300, supersedes (10-15-56).
- JONES, FRANK, Instructor in the Institute of Aviation, one year from September 1, 1956, \$6000 (10-15-56).
- KAWAKITA, YUKIO, Research Associate in Psychiatry (Medicine), October 4, 1956-August 31, 1957, \$4500 a year (10-25-56).
- KELLER, ELIZABETH, Clinical Instructor in Pediatrics (Medicine), eleven months from October 1, 1956, without salary (10-15-56).
- LENNOX, EDWIN S., Research Associate in Chemistry (Graduate College), 1/2 time, \$2500, and Instructor in Biochemistry (Liberal Arts and Sciences), 1/2 time, \$1250, six months from September 1, 1956, to render service during the first semester of the academic year 1956-57, supersedes (11-2-56).
- LESTINA, GREGORY J., Instructor in Physical Sciences (Chicago Undergraduate Division), 1/2 time, academic year beginning September 1, 1956, \$2250 (10-30-56).



- LOESCH, JOHN, Research Assistant in Psychiatry (Medicine), one year from September 1, 1956, without salary (10-17-56).
- MALMBERG, BERTEL T., Instructor in Clinical Dentistry (assigned to the Respiratory Center) (Dentistry),  $\frac{1}{2}$  time, August 15, 1956-August 31, 1957, \$1200 a year (10-15-56).
- MARKELZ, ROBERT A., Clinical Assistant in Medicine (Medicine), eleven months from October 1, 1956, without salary (11-2-56).
- McLAUGHLIN, BONNIE G., Teaching Assistant in Chemistry,  $\frac{1}{2}$  time, September 16, 1956-January 31, 1957, \$750, and Research Assistant in Chemistry (Graduate College),  $\frac{1}{2}$  time, nine months from September 16, 1956, \$1575 (10-5-56).
- McTAGGART, MARY D., Assistant in Medical Social Work (Medicine), ten months from November 1, 1956, \$4130 a year (11-2-56).
- NEWMARK, NATHAN M., Professor of Civil Engineering and Head of the Department (C), indefinite tenure, and Chairman of the Digital Computer Laboratory, one year from September 1, 1956, to render service during each academic year, \$16,000 a year, supersedes (11-8-56).
- NYMAN, EDWIN E., Clinical Instructor in Obstetrics and Gynecology (Medicine), eleven months from October 1, 1956, without salary, supersedes (10-15-56).
- OLSON, CHARLES E., JR., Research Associate in Forestry (S), December 1, 1956-August 31, 1957, \$5500 a year (10-31-56).
- OSTERBERGER, GEORGE R., Instructor in Orthodontics (Dentistry),  $\frac{3}{10}$  time, eleven months from October 1, 1956, \$1500 a year (10-15-56).
- OTTO, RIGOBERT, Research Assistant in Chemistry (Graduate College), seven months from February 1, 1957, \$305 a month (11-9-56).
- PARSONS, MRS. SALLY R., Assistant in Home Economics (S), one year from September 1, 1956, \$3660 (10-22-56).
- POLLI, JOHN F., Instructor in Physical Sciences (Chicago Undergraduate Division),  $\frac{1}{2}$  time, first semester of the academic year 1956-57, five months from September 1, 1956, \$150 a month (10-30-56).
- PORTNOW, SY, Spectroscopist in the Department of Chemistry and Chemical Engineering,  $\frac{1}{2}$  time, five months from September 1, 1956, \$166.67 a month (11-6-56).
- RAMIREZ, RAIMUNDO J., Assistant in Anesthesiology (Surgery) (Medicine), January 15-August 31, 1957, without salary (11-2-56).
- REBER, ELWOOD F., Associate Professor of Veterinary Physiology and Pharmacology (Veterinary Medicine),  $\frac{29}{100}$  time, and of Veterinary Research (S),  $\frac{71}{100}$  time, indefinite tenure beginning November 1, 1956, \$9000 a year, supersedes (11-9-56).
- REINER, MRS. IRMA, Instructor in Mathematics,  $\frac{1}{2}$  time, six months from September 1, 1956, \$208.34 a month (10-17-56).
- RICE, WILLIAM H., Administrative Assistant (Legislative Relations) in the President's Office, one year from July 1, 1956; this is in addition to his position on the administrative staff of the Alumni Association; salary paid by Alumni Association (10-19-56).
- RICH, CATHERINE L., Research Assistant in Neurology and Neurological Surgery (Epilepsy Clinic) (Medicine), one year from September 1, 1956, \$4800 (11-2-56).
- ROBERTSON, MRS. JANE I., Instructor in Mathematics,  $\frac{1}{2}$  time, six months from September 1, 1956, \$183.33 a month (10-15-56).
- SANDBERG, GLEN, Assistant in Radiology (Medicine), ten months from November 1, 1956, \$4800 a year, supersedes (11-2-56).
- SCUDERI, CARLO, Clinical Associate Professor of Orthopaedic Surgery (Medicine), indefinite tenure beginning December 1, 1956, without salary, supersedes (11-9-56).
- SHAFFER, LESLIE L. D., Instructor in Management,  $\frac{1}{2}$  time, six months from March 1, 1957, to render service during the second semester of the academic year 1956-57, \$166.67 a month (11-5-56).
- SHEPARD, HARRY R., Instructor in Applied Materia Medica and Therapeutics (Dentistry),  $\frac{2}{3}$  time, eleven months from October 1, 1956, \$2000 (10-17-56).
- SRINIVASAN, V. R., Research Associate in Bacteriology (Graduate College), October 29, 1956-August 31, 1957, \$4500 a year (11-6-56).

- STABLEFORD, NANCY R., Instructor in Art (Chicago Undergraduate Division), academic year beginning September 1, 1956, \$4800 (11-1-56).
- STERNBURG, JAMES G., Assistant Professor of Entomology, academic year beginning September 1, 1956, \$5700 (11-8-56).
- SULLIVAN, CATHERINE M., Associate Professor of Home Management (Home Economics) (C, 12/100 time and E, 88/100 time), indefinite tenure beginning October 1, 1956, \$7150 a year, supersedes (11-5-56).
- TABER, BEN, Physician in the Health Service (Chicago Professional Colleges), 2/10 time, eleven months from October 1, 1956, \$1800 a year (10-30-56).
- THOMAS, SAMUEL, Clinical Assistant Professor of Pediatrics (Medicine), ¼ time, one year from September 1, 1956, \$2100 (10-17-56).
- THOMPSON, JAMES R., Clinical Assistant Professor of Pathology (Medicine), October 22, 1956-August 31, 1957, without salary, supersedes (11-5-56).
- TORCH, DAVID, Instructor in Pedodontics (Dentistry), ¾ time, eleven months from October 1, 1956, \$2000 a year, supersedes (10-15-56).
- TURMAN, GEORGE A., Research Assistant in Medicine (Medicine), October 17, 1956-August 31, 1957, \$3900 a year (11-9-56).
- VAN VALKENBURG, MAC E., Associate Professor of Electrical Engineering (C), ¾ time, indefinite tenure beginning September 1, 1956, to render service during each academic year, \$6000 a year; Research Associate Professor in the Control Systems Laboratory, ¼ time, academic year beginning September 1, 1956, \$2338, total salary of \$8338; Associate Professor of Electrical Engineering (C), indefinite tenure beginning September 1, 1957, to render service during each academic year, \$8000 a year, supersedes (10-15-56).
- VAUGHAN, HERBERT E., Associate Professor of Mathematics on indefinite tenure, and Associate Professor of Education for one year, beginning September 1, 1956, to render service during each academic year, \$6500 a year; Associate Professor of Mathematics on indefinite tenure beginning September 1, 1957, to render service during each academic year, \$6200 a year, supersedes (10-15-56).
- WALLER, MARVIN I., Instructor in Operative Dentistry (Dentistry), eleven months from October 1, 1956, without salary (11-9-56).
- WARFIELD, JOHN N., Associate Professor of Electrical Engineering (C), ½ time, indefinite tenure beginning September 1, 1956, to render service during each academic year, \$3400 a year; Research Associate Professor in the Control Systems Laboratory, ½ time, academic year beginning September 1, 1956, \$4075; total salary \$7475; Associate Professor of Electrical Engineering (C), indefinite tenure beginning September 1, 1957, to render service during each academic year, \$6800 a year, supersedes (10-15-56).
- WEISE, ERWIN K., Research Associate Professor of Electrical Engineering (S), ¾ time, academic year and full time during summer months; Associate Professor of Mining and Metallurgical Engineering (C), ½ time, academic year beginning September 1, 1956, \$8000, supersedes (10-4-56).
- WHITE, ROBERT B., Clinical Instructor in Surgery (Medicine), eleven months from October 1, 1956, without salary (10-15-56).
- WIGERT, ALBERT T., Instructor in General Engineering (Chicago Undergraduate Division), ¾ time, for the first semester of the academic year 1956-57, five months from September 1, 1956, \$340 a month (10-30-56).
- WYATT, ARTHUR R., Assistant Professor of Accountancy, to render service during the second semester of the academic year 1956-57, six months from March 1, 1957, \$6700 a year, supersedes (11-5-56).
- ZARATZIAN, VIRGINIA L., Research Associate in Pharmacology (Medicine), eleven months from October 1, 1956, \$6000 a year (11-9-56).

#### GRADUATE FELLOWS

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

- ABRAMS, ISAAC N., Fellow in the Chicago Professional Colleges, eight months from November 1, 1956, \$166.67 a month (11-2-56).
- CALLAWAY, EVERETT F., United States Mental Health Fellow in Social Work, nine months from September 16, 1956, \$1800 (10-23-56).
- DEMOVSKY, RONALD, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).

- DUNN, MARILYN A., United States Department of Health, Education, and Welfare Fellow in Education, nine months from September 16, 1956, \$1600 (10-12-56).
- EPSTEIN, ROBERT, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).
- GOLDMAN, JACQUELIN R., United States Public Health Service Fellow in Psychology, nine months from September 16, 1956, \$1800, supersedes (10-23-56).
- GOVE, NORWOOD B., General Electric Company Fellow in Physics, nine months from September 16, 1956, \$2100, supersedes (10-29-56).
- LIVINGSTON, CHARLES, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).
- MARASSO, FREDERICK, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).
- MOSES, LYLE, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).
- PRETTO, JOHN, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).
- SHELOW, RONALD, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).
- SUMMERS, DONALD, United States Public Health Service Medical Student Part-Time Research Fellow (Chicago Professional Colleges), September 16, 1956-June 30, 1957, \$400 (11-9-56).
- TABORN, JOHN M., United States Department of Health, Education, and Welfare Fellow in Education, nine months from September 16, 1956, \$1600 (11-1-56).
- WOOD, WALTER, National Foundation for Infantile Paralysis Postdoctoral Fellow in Preventive Medicine (Medicine), one year from July 1, 1956, without salary (11-9-56).

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

- ADBEL-FATTAH, M. M. I., Research Assistant in Preventive Medicine (Medicine) — cancellation effective September 1, 1956.
- BIELAWA, FRANK R., Research Assistant in the Control Systems Laboratory (S) — resignation effective November 18, 1956.
- BILBRUCK, JAMES D., Research Assistant in Applied Botany and Plant Pathology, in the State Natural History Survey — termination effective December 1, 1956.
- BLANKFIELD, ALAN, Research Associate in the Control Systems Laboratory (S) — resignation effective November 3, 1956.
- BOUER, ROBERT, Clinical Assistant in Obstetrics and Gynecology (Medicine) — resignation effective September 15, 1956.
- CLINEBELL, PAUL W., Instructor in Civil Engineering — resignation effective March 1, 1957.
- COOGAN, VIRGINIA A., Rockefeller Foundation Fellow in Bacteriology — resignation effective October 12, 1956.
- DUHAMEL, RAYMOND H., Research Assistant Professor of Electrical Engineering (C) — resignation effective November 1, 1956.
- ECKERSTROM, RALPH E., Art Editor, with rank of Associate Professor (University Press) — resignation effective November 1, 1956.
- FARAGO, PETER J., Clinical Instructor in Medicine (Medicine) — resignation effective September 1, 1956.
- GARLAND, SIDNEY H., Research Assistant in Wildlife Research, in the State Natural History Survey — termination effective September 1, 1956.
- GRUBER, WILHELM F., Research Associate in Chemistry — resignation effective October 1, 1956.
- GUMBNER, STANLEY H., Clinical Assistant Professor of Medicine (Medicine) — resignation effective October 18, 1956.

- OKKERSE, BOUDEWYN, Research Associate in Physics (C) — resignation effective December 1, 1956.
- POWERS, PRUDENCE T., Research Assistant in Dermatology (Medicine) — cancellation effective September 1, 1956.
- ROSENBERG, MURRAY K., Clinical Instructor in Anesthesiology (Surgery) (Medicine) — resignation effective October 1, 1956.
- SEIDENBERG, HENRY, Clinical Assistant Professor of Psychiatry (Medicine) — resignation effective October 23, 1956.
- STERNBURG, JAMES G., Research Associate in Entomology — declination effective September 1, 1956.
- STORY, VINCENT M., Assistant in Physical Sciences (Chicago Undergraduate Division) — declination effective September 16, 1956.
- SWARD, ROBERT S., Fellow in English — resignation effective September 16, 1956.
- WALASZEK, EDWARD, Assistant Professor of Neurophysiology (Medicine) — resignation effective November 16, 1956.

#### LEAVES OF ABSENCE

- JOHNSON, B. CONNOR, Professor of Animal Nutrition (Animal Science) (C and E) — leave of absence, with pay, one month from November 9, 1956, so that he may participate in a scientific and technical mission to South America under the sponsorship of the United States Government.
- SHERMAN, MRS. ANTOINETTE P., Catalog Assistant in the Library — leave of absence, without pay, for the months of November and December, 1956.
- GRIFFITH, COLEMAN R., Professor of Education — leave of absence, without pay, during the second semester of 1956-57 (six months from March 1, 1957), so that he may serve as Director of the Office of Statistical Information and Research for the American Council on Education. This leave is in lieu of the sabbatical leave of absence previously granted him for the same period and the sabbatical leave is canceled without prejudice.

#### MINUTES APPROVED

The Secretary presented the minutes of the meetings on June 27 and July 25, 1956, press proof copies of which have been sent to all members of the Board in advance.

On motion of Mr. Livingston, the minutes were approved as printed on pages 1071 to 1455, inclusive, in the minutes of June 27, and pages 1 to 40, inclusive, in the minutes of July 25, 1956.

#### JANUARY, FEBRUARY, AND MARCH MEETINGS

President Megran reminded the Board that its next meeting will be held in the offices of the First National Bank of Chicago, on Tuesday, December 18, 1956, and asked that the Board consider fixing the dates and places of the following three meetings. By unanimous consent these meetings were scheduled as follows:

January 16, 1957, in Chicago, Illinois, at the Chicago Undergraduate Division, the hour to be determined by the President and Secretary of the Board

February 14, 1957, in Chicago, Illinois, the hour and place to be determined by the President and Secretary of the Board

March 12, 1957, the annual meeting, in Urbana, Illinois, beginning at 11:00 a.m.

On motion of Mrs. Watkins, the Board adjourned.

A. J. JANATA  
*Secretary*

H. B. MEGRAN  
*President*