

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

November 28, 1952



The November meeting of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Friday, November 28, 1952, beginning at 10:30 a.m.

When the Board convened, the following members were present: Mr. Harold E. Grange, Mr. Wirt Herrick, Mrs. Doris S. Holt, Mr. Wayne A. Johnston, Mr. Park Livingston, Mr. Herbert B. Megran, Mr. Vernon L. Nickell, Mrs. Frances B. Watkins, Governor Adlai E. Stevenson, Mr. John R. Fornof, and Mr. Robert Z. Hickman were absent.

Also present were President George D. Stoddard, Provost Coleman R. Griffith, Vice-President A. C. Ivy, Mr. Ralph F. Lesemann, Legal Counsel, Mr. J. F. Wright, Director of Public Relations, Professor Roger Adams, Head of the Department of Chemistry, Dr. Robert E. Johnson, Acting Dean of the Graduate College, Dr. Warren H. Cole, Head of the Department of Surgery, Dr. Granville A. Bennett, Head of the Department of Pathology, Dr. Danely P. Slaughter, Director of the Tumor Clinic, Research and Educational Hospitals; Mr. Lloyd Morey, Comptroller, Mr. C. W. Weldon, Treasurer, and Mr. A. J. Janata, Secretary of the Board.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of the Board of Trustees of July 16, 1952, press proof copies of which have previously been sent to the members of the board.

On motion of Mr. Nickell, these minutes were approved as printed on pages 1 through 365, inclusive.

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>City</i>	<i>State from Which They Obtained Certificates</i>
RICHARD SIDNEY ADLER	Chicago, Illinois	District of Columbia
RICHARD STONE ANTES	Evanston, Illinois	Iowa
RAYMOND DONALD ASHMAN	Lakewood, Ohio	Ohio
WALTER MONELL BAIRD	Sausalito, California	California
MICHAEL FREDERICK BARNO	Birmingham, Alabama	Alabama
EDGAR LEWIS BENDER	Glendale, Missouri	Missouri
JOHN LEONARD BLANK	Gary, Indiana	Indiana
CARL JOHN BOHNE, JR.	Winnetka, Illinois	Texas
J. LLOYD CROOKS	Hammond, Indiana	Indiana
MAURICE JACOB DAHLEM	Santa Monica, California	California
ISIDORE DAVID DAVIS	Chicago, Illinois	District of Columbia
BURNELL HAMILTON DEVOS	Washington, D.C.	California
BENJAMIN LUTHER ENLOE	Snyder, New York	Missouri
FERDINANDO C. GRANATA	Cicero, Illinois	District of Columbia
EDWIN WARREN HART	Chicago, Illinois	Pennsylvania
J. R. HORN	Mt. Vernon, Illinois	Missouri
HORACE SUTTON IRVING	Milwaukee, Wisconsin	Missouri
ROBERT HENRY IRVING, JR.	Houston, Texas	Texas
HORACE FITREY JONES	Buffalo, New York	West Virginia
JOHN RAYMOND JORDAN	Houston, Texas	Missouri
WILLIAM ELMER KREKEL	Chicago, Illinois	Iowa
MITCHELL PAUL MAZUREK	Chicago, Illinois	Michigan
JOHN JAMES MCGAULEY	Richmond Heights, Missouri	Wisconsin
JOSEPH RAMSAY MCGREGOR	Dayton, Ohio	New Jersey
JOHN LEON MONETA	Villanova, Pennsylvania	Pennsylvania
LOWELL JACK MYERS	Chicago, Illinois	District of Columbia
PAUL EDWIN NYE	Glendale, Missouri	Missouri
LLOYD JOHN PALMER	Chicago, Illinois	Iowa
SAM PINZUR	Chicago, Illinois	District of Columbia
CHARLES JAMES SEMRAD	Chicago, Illinois	North Carolina
EDGAR CHARLES SUOR	Grosse Pointe, Michigan	Michigan
FRANK WALLACE	Winnetka, Illinois	Missouri

I concur.

On motion of Mr. Grange, 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. WARD W. BAUDER, Professor of Rural Sociology, Department of Agricultural Economics, beginning February 1, 1953, at an annual salary of \$7,200 (C-D50, S-DY50).

2. AMBROSE W. BURGER, Assistant Professor of Crop Extension, Department of Agronomy, beginning February 1, 1953, at an annual salary of \$6,200 (DY).

3. LEWIS C. HITCHNER, Clinical Assistant Professor of Anesthesiology, Department of Surgery, College of Medicine, beginning October 1, 1952, without salary (DY).

4. GRANT CARL JOHNSON, Assistant Professor of Pathology and Assistant Pathologist in the Research and Educational Hospitals, beginning February 1, 1953, at an annual salary of \$7,500 (DY).

5. WALTER S. MOOS, Assistant Professor of Radiology and Radiation Physicist, Department of Radiology, beginning November 20, 1952, at an annual salary of \$8,000 (DY).

6. MAX E. RAFELSON, JR., Assistant Professor of Biological Chemistry, College of Medicine, beginning February 1, 1953, at an annual salary of \$5,000 (D).

7. EARL R. SWANSON, Assistant Professor, Department of Agricultural Economics, beginning November 1, 1952, at an annual salary of \$6,200 (C-DY 50, S-DY 50).

Appointments to Nonacademic Staff

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

8. BRUCE H. BERG, Chief Announcer (Radio Station), beginning September 16, 1952, at an annual salary of \$1,800 (one-half time).

9. DONALD F. GILLOGLY, Senior Purchasing Assistant, beginning October 6, 1952, at an annual salary of \$4,320.

10. MRS. JUSTINE K. GOULD, Assistant Food Production Manager, Illini Union, beginning September 2, 1952, at an annual salary of \$2,700 plus meals valued at \$168.

11. MRS. JANET S. KERRIDGE, Placement Officer, beginning September 26, 1952, at an annual salary of \$3,000.

12. VLADIMIR J. NOVAK, Architectural Superintendent, Chicago Professional Colleges, beginning September 25, 1952, at an annual rate of \$7,200.

13. IRA G. SALISBURY, Electroencephalographer, Chicago Professional Colleges, beginning October 1, 1952, at an annual rate of \$3,800.

14. MRS. JOAN D. TAYLOR, Food Service Supervisor, beginning September 30, 1952, at an annual salary of \$2,100 plus meals valued at \$84.

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

APPOINTMENT OF PROFESSOR THOMAS J. DOLAN AS HEAD OF THE DEPARTMENT OF THEORETICAL AND APPLIED MECHANICS

(3) The Dean of the College of Engineering recommends the appointment of Thomas J. Dolan, Research Professor of Theoretical and Applied Mechanics, as Professor and Head of the Department of Theoretical and Applied Mechanics, on indefinite tenure beginning December 1, 1952, at a salary of \$12,000 an academic year.

I concur.

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

ACTING DEAN OF THE COLLEGE OF EDUCATION

(4) Pending the appointment of a new dean of the College of Education to replace Dean Willard B. Spalding, who will leave the service of the University at the end of the current calendar year, it is necessary to appoint an acting dean. The Policy Committee of the College of Education has requested that the acting dean be someone not on the faculty of the College.

Accordingly, I recommend the appointment of Dr. Robert G. Bone, Professor of History and Director of the Division of General Studies in the College of Liberal Arts and Sciences, as Acting Dean of the College of Education beginning December 20, 1952, and continuing until further notice but not later than September 1, 1953, at an additional salary at the rate of \$1,200 a year (on Y basis), the division of his time and duties between his present positions and that of the acting deanship to be subject to the approval of the Dean of the College of Liberal Arts and Sciences and the President of the University.

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

EXEMPTION OF STAFF MEMBERS FROM PAYMENT OF UNIVERSITY FEES

(5) Members of the academic and administrative staff of the University in any capacity, and members of the staffs of the state scientific surveys and other government agencies located on the Urbana-Champaign campus, may now register in University courses without payment of tuition, laboratory, library, and supply fees provided their annual salary is \$2,400 or less for a nine-month (or two semesters) appointment or \$2,934 or less for a twelve-month appointment. The same exemption applies to scholars and fellows in the Graduate College, and also to nonacademic employees under certain conditions.

The Faculty Committee on Fees and Scholarships has reviewed these exemptions in terms of existing salary scales and in terms of newly proposed minimum salaries. It is the Committee's judgment that University policy with respect to exemption of staff from fees should be administratively adaptable to changing salary conditions. Accordingly, the Committee recommends that existing regulations be rescinded and replaced by the following:

Persons on the academic, administrative, or permanent nonacademic staff of the University, or on the staffs of the allied surveys and laboratories located on the Urbana campus, may register in University courses for which they are eligible for admission, without payment of the tuition fee and the laboratory, library, and supply fee, provided that their annual salary for nine months is less than the minimum salary established for full-time assistants.

If such persons are on twelve-month appointment, the upper limit of this exemption will be increased by two-ninths of such minimum salary for assistants.

Permanent nonacademic employees without regard to salary may also register without payment of any fees or deposits in (a) any regular University course in which the employee is requested by his department, with the concurrence of the Director of Nonacademic Personnel, to enroll for the improvement of the employee's present work; (b) any special course looking toward improving University service organized at the request of the Director of Nonacademic Personnel in cooperation with the teaching staff, the employee, and his department.

This exemption shall apply to graduate scholars and fellows whose stipends are paid from general appropriations of the University, but not to fellows whose stipends are paid from grants received by the University from outside sponsors of graduate study and research. (Many donors of funds for such purposes favor this practice and make their grants large enough to cover payment of all University fees.)

These regulations shall become effective September 1, 1953.

I concur.

On motion of Mrs. Watkins, these regulations were adopted as recommended.

RELEASE OF PATENTABLE DISCOVERIES

(6) Professor H. N. Hayward of the Department of Electrical Engineering reports the development of instruments for the measurement of cathodic protection currents. The Department has advised that while these are important instruments for scientific purposes they would have very slight, if any, commercial application.

The University Research Board recommends that this discovery be released to the inventor and I concur.

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

FOREIGN PATENTS ON DISCOVERIES RESULTING FROM GOVERNMENT RESEARCH

(7) At the request of the Office of Naval Research, the Board of Trustees has authorized the execution of research contracts with that agency granting foreign patent rights to any discoveries or inventions resulting from such research. Subsequently other agencies of the United States government have asked that similar provisions be included in their contracts for research at the University of Illinois.

The University Research Board recommends approval and I concur.

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

SPECIAL APPROPRIATIONS FOR NONRECURRING EXPENDITURES

(8) The Committee on Nonrecurring Appropriations recommends assignments of funds as follows:

Urbana-Champaign Campus

1. Department of Entomology, remodeling and equipment in Harker Hall..	\$ 5 000
2. College of Fine and Applied Arts, improvements for the Department of Art.....	6 303
3. School of Physical Education, equipment for the new laboratory for the study of psychological problems in athletics (this has been authorized by the President of the University).....	1 200

Chicago Professional Colleges

4. Department of Radiology, purchase of equipment.....	4 725
5. Animal Hospital, remodeling and equipment.....	18 800
6. Aeromedical and Physical Environment Laboratory, construction of an experimental cold room.....	33 000
7. Department of Physiology, purchase of equipment.....	2 100
8. Library, purchase of card catalog cases.....	750
9. Department of Pharmacology, improvement of lighting.....	1 000
Total.....	\$72 878

I recommend that these appropriations be made from the General Reserve Fund.

On motion of Mr. Nickell, these appropriations were made by the following vote: Aye, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Hickman, Mr. Stevenson.

REASSIGNMENT OF RESEARCH AND EDUCATIONAL HOSPITALS FUNDS

(9) The budget for 1952-1953 includes \$4,114,837 for the operation of the Research and Educational Hospitals. This is an increase of \$1,209,466 over the corresponding allowance for 1951-1952 to provide in part for the operation of the new addition to the hospitals. Because of delays in construction, the additional facilities can not be used earlier than March 1, 1953, so that a substantial portion of the funds in the current year's budget for operation of the hospitals will not be required for that purpose.

A study has been made of the needs of the Chicago Professional Colleges for which available funds can be appropriately and effectively applied during the current biennium. The following have been selected from a much longer list:

Payment on Medical Center Steam Plant.....	\$400 000
Dental equipment.....	100 000
Machine shed for Drug Plant.....	20 000
Steam service to 824 South Wolcott (apartment building leased to tenants)	6 000
Parking lot construction and lighting at 834 South Wolcott.....	14 000
New back porch, 816 South Ashland (residence property leased to students).....	1 500
Steam service to 829-33 South Marshfield (apartment building).....	6 500
Furnishings, 829-33 South Marshfield (leased to tenants).....	17 500
Remodeling, 829-33 South Marshfield (for conversion into a residence for nurses).....	20 000
Parking area and lighting, Marshfield Avenue properties.....	35 000
Housing Facilities Revenue Bonds.....	175 000
Chicago Illini Union Revenue Bonds.....	43 000
Total.....	\$838 500

The Vice-President in charge of the Chicago Professional Colleges requests the budget be amended by reassignment of funds for purposes listed above. The Provost and the Comptroller endorse this recommendation.

I recommend that these reassignments be made with authorization to adjust the various items within the total of \$838,500.

On motion of Mrs. Watkins, this reassignment of funds was approved by the following vote: Aye, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Hickman, Mr. Stevenson.

SALE OF RESIDENCE PROPERTIES

(10) Because of the postwar shortage of rental housing in Champaign-Urbana, the University purchased a number of residence properties and constructed others for rental to staff members. It was contemplated that the properties would eventually be sold and the Board of Trustees approved a policy for the sale of these properties to staff members desiring to purchase them. Pursuant to this policy several houses have been sold to the occupants. In all sales heretofore the purchase prices have equaled or exceeded the University's investment in the property.

The University now has offers for the purchase of two more properties:

Professor Lyle H. Lanier, Head of the Department of Psychology, leases the property at 709 West Michigan Avenue, Urbana. It was purchased by the University in August, 1948, for \$22,500 and, subsequently, \$104.11 was expended on improvements. Professor Lanier is interested in purchasing this property at a price of \$22,500 with closing adjustments for insurance, rent, and other incidental items to be made as of November 1, 1952. The University has secured three independent appraisals of this property, two of them being \$22,500 and one \$22,000.

Major C. M. Russell, Assistant Professor of Military Science and Tactics, leases the prefabricated house at 305 Hessel Boulevard, Champaign, constructed in 1948 at a cost of \$14,213. Three independent appraisals of this property have been \$13,000, \$12,750, and \$12,500. Major Russell is interested in purchasing this property at a price of \$12,750.

The Director of the Physical Plant and the Comptroller recommend that (a) the policy governing the sale of residence properties be modified to provide that sales may be made on the basis of independent appraisals even though the appraisals may be less than the cost to the University, in each case the sale to be subject to prior approval by the Board of Trustees; (b) the sale of the properties to Professor Lanier and Major Russell at the prices offered be authorized.

I concur in these recommendations and recommend further that the Comptroller and the Secretary of the Board be authorized to execute, acknowledge, and deliver warranty deeds and such other documents in connection therewith as may be necessary in order to effectuate the transfer of titles to the properties at 709 West Michigan Avenue, Urbana, and 305 Hessel Boulevard, Champaign.

On motion of Mr. Grange, these recommendations were approved by the following vote: Aye, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megrn, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Hickman, Mr. Stevenson.

EASEMENT TO MEDICAL CENTER STEAM COMPANY

(11) The Director of the Physical Plant and the Comptroller recommend that the Board of Trustees grant an easement to the Medical Center Steam Company to permit the installation and use of steam and return piping on the University property at Polk and Wood Streets and at Polk Street near Marshfield Avenue in Chicago, the easement to continue only until such time as the University shall acquire title to and ownership of the property and facilities of the Medical Center Steam Company.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute the documents necessary to grant to the Medical Center Steam Company such an easement across the following described University lands:

Lot Twenty-four (24) in Sturges and Others Re-Subdivision of Block Nine (9) in Assessor's Division of the East Half (E½) of the Southeast Quarter (SE¼) of Section Eighteen (18), Township Thirty-nine (39) North, Range Fourteen (14) East of the Third Principal Meridian; and

That part of Lots One (1), Two (2) and Three (3), lying West of the Alley opened by Ordinance of the City of Chicago, passed September 22, 1873, in

Superior Court Partition of Block Six (6) in Assessor's Division aforesaid; and all of the vacated alley, Sixteen (16) feet wide lying Easterly of and adjacent to the above described Lot One (1);

All situated in the City of Chicago, County of Cook and State of Illinois.

On motion of Mrs. Watkins, this easement was granted.

LEGAL AND ENGINEERING SERVICES FOR TELEVISION APPLICATION

(12) The Director of University Broadcasting recommends the retention of the law firm of Landis, Taylor, and Scoll, New York, to represent the University before the Federal Communications Commission in matters pertaining to television and retention of the engineering firm of Jansky and Bailey, Washington, D.C., to prepare the engineering phases of the television application to the Federal Communications Commission. This arrangement will involve no retainer fees but payment to the firms on the basis of services performed at their customary schedule of fees.

I concur and recommend the approval of this arrangement until further notice.

On motion of Mr. Johnston, the employment of these two firms was authorized, provided that the actual payments for services rendered shall also be subject to approval by the Board of Trustees.

CONTRACT FOR AEROMEDICAL AND PHYSICAL ENVIRONMENT LABORATORY COLD ROOM

(13) The Director of the Aeromedical and Physical Environment Laboratory, the Director of the Physical Plant, and the Comptroller recommend award of a contract for \$25,800 to the Haskris Company, Chicago, the lowest bidder, for the construction of a cold room at the Chicago Professional Colleges.

The work will consist of furnishing materials and equipment and the construction of a cold room designed for biochemical research, with refrigeration machinery and controls, in the Aeromedical and Physical Environment Laboratory Building. A separate recommendation for an appropriation of \$33,000 to cover all costs of this project is being submitted separately.

I concur and recommend that the Comptroller and the Secretary of the Board be authorized to execute this contract.

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

CHANGE IN CONTRACT FOR WATER RECLAMATION INSTALLATIONS

(14) The Director of the Physical Plant and the Comptroller recommend an increase of \$4,103 in the contract with Westerlin and Campbell Company, Peoria, for the refrigeration work in the installation of water reclamation equipment in the Horticulture Field Laboratory to include a water softener.

The bid of this company did not include a water softener but it submitted an alternate quotation. The water softener offered under the alternate quotation did not meet specifications and, therefore, was not included in the contract. A revised estimate has been secured on the installation of an acceptable water softener. Only one other bidder in the original list of contractors on this installation proposed as an alternate an acceptable water softener, but at a higher figure than is now quoted. Funds are available in the state appropriation for this work.

I concur and recommend that the Comptroller be authorized to execute this change in the contract.

On motion of Mrs. Holt, this increase in the contract was authorized.

PURCHASES

(15) The Director of Purchases has proposed and the 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>
400 wool gabardine officer's topcoats for students in ground forces R.O.T.C.	Military	Hirsch Tyler Co., Philadelphia, Pa.	\$16 600 00

<i>Item</i>	<i>Department</i>	<i>Vendor</i>	<i>Cost</i>
Laboratory furniture for Room 115 Noyes Laboratory	Physical Plant Department	Laboratory Furniture Co., Mineola, N.Y.	\$3 280 00 f.o.b. Urbana
One cafeteria counter for Home Economics Cafeteria to be constructed and installed	Home Economics	Stearns & Company, Chicago	3 067 00 f.o.b. erected
50 per cent rag bond: 250 reams 22 x 34 — 40 lb. 75 reams 22 x 34 — 32 lb.	Office Supply Store	Graham Paper Co., St. Louis, Mo.	8 335 90 f.o.b. mill, full freight allow- ance
25 per cent rag bond: 325 reams 22 x 34 — 40 lb. 100 reams 22 x 34 — 32 lb. 50 reams 24 x 38 — 39 lb. 40 reams 24 x 38 — 49 lb.			
One 1952 Ford parcel delivery truck with forward control chassis	Division of Communications	Dana Hudelson, Inc. (Ford dealer), Champaign	2 838 25 f.o.b. delivered
One Deairing auger extruder or pug-mill for experimental work in ceramics (this machine is used for processing clay and other materials for ceramics)	Ceramic Engineering	The Bonnot Co., Canton, Ohio	3 514 40 f.o.b. Canton, Ohio
One Keleket vertical type control and transformer for replacement on Keleket X-ray unit in the Department of Radiology (less allowance for trade-in of the present obsolete control)	Radiology	Kelley-Koett Manufac- turing Co., Chicago	4 659 36 f.o.b. Chicago
Laboratory supplies for stock in General Chemical Stores (a list of the items was available at the Board meeting)	General Chemical Stores, Urbana	E. H. Sargent & Co., Chicago	2 713 62 f.o.b. delivered
Builders' risk insurance including fire, extended coverage, vandalism and malicious mischief, also automatic reinstatement coverage at two-year rates on a monthly reporting form basis, effective December 1, 1952, on the East Dentistry-Medicine-Pharmacy Building, Chicago Professional Colleges, on which the final insurable value is estimated at \$5,500,000	Physical Plant Department, Chicago Professional Colleges	O. J. Wheeler, Chicago, representing: North British and Mercantile Mercantile Insurance Co. Pennsylvania Fire Insurance Co. Commonwealth Insur- ance Co. (coverage to be distributed equally between four companies)	15 000 00
23,000 copies 1952-1953 Second Semester Time Table	University Press	Interstate Printing Co., Danville	4 049 90 f.o.b. Urbana
Printing and binding three volumes of <i>Illini City Series</i> , 750 copies of Volumes 1 and 2, 1000 copies of Volume 3	Institute of Labor and Industrial Relations	Pantagraph Printing & Stationery Co., Bloomington	9 376 00 f.o.b. Bloom- ington
3500 copies <i>Contemporary American Painting</i> to be printed and bound (this will be the catalog of the 1953 exhibit of contemporary American painting)	Fine and Applied Arts	R. R. Donnelley & Sons Co., Chicago	5 894 00 f.o.b. Chicago
One PEC-615J power supply unit One PEC-615H power supply unit	Graduate College, Digital Computer	Power Equipment Co., Detroit, Mich.	8 025 00 f.o.b. Detroit, Mich.
One tandem roller, 3 to 5 ton variable weight, to replace old roller purchased in 1927	Physical Plant Department	Cox Brothers, Hoopeson	3 054 90 f.o.b. Urbana

On motion of Mrs. Holt, these purchases were authorized.

COMPTROLLER'S REPORT OF CONTRACTS

(16) The Comptroller's report of contracts executed during the period October 1 to 31, 1952.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
Association of Illinois Electric Cooperatives	Application of electricity study	\$5 000 00	October 8, 1952
Public Service Company of Northern Illinois	Application of electricity study	2 250 00	July 28, 1952
United States Navy	N.R.O.T.C. books and supplies	2 000 00	July 1, 1952

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid by the University</i>	<i>Date</i>
Bobbe and Company	Redecorating 829-33 S. Marshfield Avenue	\$ 690 00	September 26, 1952
Condo Electric Company	INI building corridor lighting	920 00	August 29, 1952
Harvey Wrecking Company	Wrecking 832-34 S. Wolcott Avenue	1 000 00	September 29, 1952
C. E. Korsgard Company	Resilient floor covering 829-33 S. Marshfield Avenue	423 00	September 15, 1952
Leonard Lust	Tile drainage—Allerton Farm	755 95	October 17, 1952
Luther South Athletic Association (Chicago Undergraduate Division)	Stadium rental agreement	100 00	October 1, 1952
State's Attorney of DeKalb County	Services rendered by taxing bodies	3 243 02	July 8, 1952

Contract Changes

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be Paid to the University</i>	<i>Date</i>
American Dehydrators Association	Dehydrated alfalfa in swine nutrition study	\$1 500 00	October 16, 1952
Commercial Solvents Corporation	Soluble vitamins for weanling pigs study	1 000 00	October 16, 1952
A. E. Staley Manufacturing Company	Amino acids in swine nutrition study	1 200 00	October 3, 1952
United States Atomic Energy Commission (College of Medicine)	AT(11-1)-67 project 6	15 444 00	October 6, 1952
Veterans Administration (College of Medicine)	Circulatory physiology study	Rates per contract	June 3, 1952
Veterans Administration (College of Medicine)	Arterial and therapy study	Rates per contract	June 3, 1952

Adjustments Made in 1950-1951 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	Architecture Building improved lighting	\$ 299 42	September 18, 1952

Adjustments Made in 1951-1952 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Anderson Electric, Inc.	3 minor items from \$129.43 to \$367.02	\$ 779 43	October, 1952
Reliable Plumbing and Heating Company	4 minor items from \$913.04 deduct to \$350.00	932 67 ¹	September-October, 1952
Schroeder's (ventilation)	Mechanical Engineering equipment room exhaust deflector	50 00	October 1, 1952

Adjustments Made in 1952-1953 Cost-Plus Contracts

<i>With Whom</i>	<i>Purpose</i>	<i>Amount</i>	<i>Date</i>
Ervin G. Lindsey (plastering)	25 minor items from \$36.19 deduct to \$85.00	\$ 558 06	September-October, 1952
Potter Electric Company	Noyes Laboratory renovation	6 061 32	October 15, 1952

This report was received for record.

QUARTERLY REPORT OF THE COMPTROLLER

(17) The Comptroller presents his quarterly report to the Board as of September 30, 1952.

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

APPOINTMENT OF ACTING DEAN OF THE COLLEGE OF MEDICINE

(18) Pending the appointment of a new Dean of the College of Medicine to replace Dean Stanley W. Olson who will leave the service of the University on January 1, 1953, I recommend the appointment of Professor Roger A. Harvey, Head of the Department of Radiology and Radiologist-in-Chief of the Research

¹ Deduct.

and Educational Hospitals, to serve also as Acting Dean of the College of Medicine from January 1, 1953, until a new Dean is appointed, but not later than September 1, 1953, with the usual temporary salary addition for such service.

For action on this, see page 483. — Secretary's note.

PRESIDENT'S REPORTS ON KREBIOZEN AND THE MEDICAL SITUATION

Report of November 14, 1952, on the Status of Krebiozen

My report on Krebiozen embodying the recommendations of the Research Validation Committee (the Cole Committee), together with further proposals of the President of the University, was approved by the Board of Trustees on September 24, 1952.

It will be recalled that my recommendations were as follows:

- "(1) That in essence the recommendations of the Cole Committee be carried out.
- "(2) That Dr. Ivy be requested to secure from the owners or originators of Krebiozen all data, descriptions and formulations necessary to ascertain the chemical nature of Krebiozen and to undertake its biological preparation; that throughout such work there be no infringement of the technical, legal or financial rights of the originators.
- "(3) That, pending the completion of these chemical and biological studies, there be no further clinical uses or determinations of Krebiozen on the part of staff members of the University of Illinois except to continue the treatment of patients already using Krebiozen if the attending physicians so recommend.
- "(4) That in carrying out these plans the University make the necessary appropriations for work in its own laboratories and/or on a contractual basis with outside laboratories or firms.
- "(5) That the President of the University designate a Committee of Supervision consisting of three distinguished staff members of the University of Illinois whose academic and professional work especially fits them for such an assignment. (The three staff members listed by the President accepted a place on the Committee and have served accordingly. They are: Professor Robert E. Johnson, *Chairman*, Head of the Department of Physiology and Acting Dean of the Graduate College; Professor Harry F. Dowling, Head of the Department of Medicine and former head of the Department of Preventive Medicine; Professor Richard J. Winzler, Head of the Department of Biological Chemistry.)

"If for any reason the originators of Krebiozen can not or will not cooperate effectively in carrying out this plan, I shall ask that there be no allowance of time, funds, space, equipment, patients or printing in behalf of any staff member of the University of Illinois for the clinical utilization of Krebiozen, and that every effort be made to dissociate Krebiozen from research or service programs. This action would be consistent with the major recommendations of the Cole Committee in which I have full confidence; it would, I believe, merit the support of all medical men familiar with these events."

Following the approval of this report, the action in Paragraph No. (3) above became effective, and there has not been any "further clinical uses or determinations of Krebiozen on the part of staff members of the University of Illinois."

Inclosed with my report is the official report of the Committee of Supervision dated November 12, 1952. (Attachment I is not inclosed inasmuch as it involves some material that was marked "personal.") The gist of the Johnson Report is that it has received from the originators of Krebiozen no materials with which to work and no useful description of the method of production of Krebiozen. The Committee, therefore, submits its final report and asks to be discharged. I am acting accordingly as of this date.

The effect of this research impasse is twofold:

- A. That the action of Paragraph No. (3) of my report of September 24th now becomes permanent—there are to be no further clinical uses or determinations of Krebiozen on the part of staff members of the University of Illinois at any time.

- B. That there is to be no allowance of time, funds, space, equipment, patients or printing in behalf of any staff member of the University of Illinois for the clinical utilization of Krebiozen and that Krebiozen henceforth is to be dissociated from research or service programs.

I am informing Dr. Ivy of these prohibitions.

In the light of the various reports, letters, and conferences regarding Krebiozen, I should like to make a few final remarks.

The evidence of the Cole Committee is decisive with respect to the therapeutic value of Krebiozen; it has none. It is equally clear that the originators of Krebiozen have not permitted the University to have access to the drug for the purposes of chemical or biological analyses. This, then, is the end of the road for Krebiozen insofar as any staff member of the University of Illinois is concerned.

From the scientific standpoint, the course of events surrounding Krebiozen can only be described as fantastic. The originators of the drug still speak of their need for "protection," as if the drug possessed value. Actually all the University of Illinois sought to do, following the report of the Cole Committee, was to solve the mystery of a preparation already discredited in medical practice.

It must be admitted that the Krebiozen affair has been damaging to the scientific reputation of the University of Illinois. It is to be hoped that the present divorcement will have restorative value.

The significance of this final act of noncompliance on the part of the originators of Krebiozen, coupled with the negative clinical findings of the Cole Committee, should not be lost: it would appear that we really might have found nothing in the ampoules and, therefore, could not be allowed to look for it. It is my considered opinion that, except possibly as a common, harmless, inexpensive ingredient, *Krebiozen does not exist*.

University of Illinois
Graduate College
109 Administration East

NOVEMBER 12, 1952

President George D. Stoddard
355 Administration (West)
University of Illinois

DEAR PRESIDENT STODDARD:

On November 9, 1952, your committee to supervise a study of the chemical and biological properties of the preparation called "krebiozen" held a meeting in Urbana. In attendance were Dr. Harry F. Dowling, Dr. Richard J. Winzler and Dr. Robert E. Johnson (Chairman). We deliberated on the instructions which you had transmitted to the chairman, on the correspondence which had been exchanged between Dr. Ivy and the chairman, and on the future activities of the committee.

We were in mutual agreement on the nature of our duties and on the scientific necessity for us to have:

- (1) an adequate supply of the preparation to be studied;
- (2) an adequate supply of the vehicle in which it was suspended; and
- (3) complete and detailed information on the mode or modes of preparation used by the originators.

A supply of the original material was needed so that it could be tested directly. A supply of the vehicle was needed for adequate scientific control. Complete information on the mode or modes of preparation was needed in order to arrange, if necessary, for the preparation of a supply of material of known history, and to set up a program of testing the material so obtained.

Following your initial instructions of October 3, 1952, the chairman tried, through Dr. Ivy, to obtain full and complete technical information, together with a supply of the material, so that the committee could commence its study. A chronological account of events and copies of all pertinent correspondence will be found in Attachment I. In particular, it should be noted that a final deadline of November 7, 1952, had been set for receipt by the chairman of full information. A letter to this effect was sent to Dr. Ivy on October 23, 1952; this represented an extension, as requested by him, of two weeks beyond the original deadline of

October 21, 1952. Letters transmitted by Dr. Ivy and received by the chairman on November 11, 1952, stated that the originators of the preparation are unwilling to furnish materials and will not provide full technical information for the use of the committee within a reasonable time.

Inasmuch as no technical information and no material have been received by the chairman, the committee is unable to proceed further. The only technical information available to us is contained in the report of Dr. Cole's committee, and this information is entirely inadequate for purposes of scientific study.

In view of all the circumstances related above, we consider that further deliberations on our part would be fruitless. Having tried without success to carry out your instructions, we conclude that there is no prospect that we can succeed in dispelling the mystery that surrounds the chemical and biological nature of "krebiozen." Therefore, we request formally that the committee be discharged, and that the present document be considered our final report to you.

Respectfully submitted,

ROBERT E. JOHNSON, M.D., D.Phil.

(Chairman)

Acting Dean

Graduate College

HARRY F. DOWLING, M.D.

Head, Department of Medicine

College of Medicine

RICHARD J. WINZLER, Ph.D.

Head, Department of Biological Chemistry

College of Medicine

Report of November 28, 1952, on the Medical Situation

This report is a follow-up of my Report on the Status of Krebiozen, dated November 14th. It is in two parts:

I. A general discussion of the Krebiozen research project.

II. Recommendation for action.

1. A General Discussion of the Krebiozen Research Project

In spite of arguments to the contrary, it is hard to remove Krebiozen from the category, *secret drug*. Krebiozen has never been produced in the United States; it has not been subjected to standard chemical or biological assay. It was produced (and subsequently dissolved in oil) by the Duga Institute of Argentina—a business venture of the two Durovics. The barring of research on this drug is, therefore, no act on the part of University authorities; on the contrary, we had offered our resources and, through future contract, the aid of an independent pharmaceutical concern in order to undertake such research. The Durovics blocked this program through evasive pronouncements; there was not a speck of the powder available; the formula might be stolen; their creditors would not permit it; they would analyze it themselves (through Duga) some time.

It was this sudden black-out on the nature of the drug, coupled with the unanimous negative conclusions of the Cole Committee with respect to any effect on cancer, that led me to suspect that Krebiozen might be a Durovic myth. The Cole Committee had laid out the exact requirements for further work on Krebiozen, and the first step was "to dispel the mystery which surrounds the nature of the material." Elsewhere in the report the Cole Committee mentioned several materials that have cancerocidal effects, but it did not find even these palliative, non-curative effects in the Ivy case histories.

As for "biological activity," numerous ingredients in solution, injected into living tissue, will produce it. There would have been no reverberation in the medical or academic world, and no interest on the part of cancer patients, if Dr. Ivy and his collaborators had simply announced in March, 1951, that they were studying a drug that induced biological activity.

On the whole, the University of Illinois had been generous in aid to research on this drug. The inclusion of University Tumor Clinic cases, the release of Dr. Ivy for two months for full-time work on Krebiozen, the work of the Cole Com-

mittee, the projected work of the Johnson Committee — these steps, together with minor appropriations, indicate that, in an atmosphere of doubt on the part of medical authorities, the University has tried to give Krebiozen a fair test.

But these simply are not the methods acceptable to the Durovics. Legitimate research, especially in medicine, calls for precise chemical and biological studies, for extensive work on animals, for sustained work in the University's own laboratories and clinics, for prior publication in technical journals, for criticism and for the encouragement of like technical studies elsewhere. This is the meaning of academic freedom in research. One by one these necessary safeguards of the kind of research undertaken by universities were allowed to crumble. The end result was a vulnerable sequence of events that I could not continue to defend as research within the true meaning of that term. I could not, in good conscience, assign further University time or resources to it.

Nevertheless, it is always in order to raise the question of academic freedom. In twenty-five years of experience in general research supervision I had not stopped anybody from working on anything. But like every administrator, I have had to say, even for some defense proposals, that we do not have the money, staff, or facilities to support them. There will always be priorities. Thus recently, for the first time, we have given research on handicapped children extensive University support. When a program is within the exceedingly wide orbit of University interest, we try to assist it in every way.

What a professor does in his spare time is of no interest to the administration, provided it does not severely reduce his effectiveness in the University. External consultative work should not become the major preoccupation of any full-time staff member.

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In the evaluation of Krebiozen we are faced with two kinds of evidence that should not be confused — the one medical and the other administrative and general. It would be untenable for laymen to attempt clinical analyses and conclusions. What is good or bad about a treatment must be determined by medical men. Accordingly, I have relied exclusively upon medical opinion — very distinguished medical opinion — in reporting the findings of the Cole Committee. It will be recalled that this Committee consisted of the following persons:

Warren H. Cole, M.D., *Chairman*

Head, Department of Surgery

University of Illinois

N. C. Gilbert, M.D.

Professor *Emeritus* of Medicine

Northwestern University

Fred Hodges, M.D.

Professor and Chairman of the Department of Roentgenology

University of Michigan Medical School

Robert W. Keeton, M.D.

Professor *Emeritus* of Medicine

University of Illinois

Paul Steiner, M.D., Ph.D.

Professor of Pathology

University of Chicago

Owen H. Wangenstein, M.D., Ph.D., LL.D.

Surgeon in Chief, University Hospital

University of Minnesota

It is their conclusions, not mine, that are important. As I have said, their first recommendation was "to dispel the mystery" and in default of this step to give no further consideration to the problem. It was the physicians themselves who recommended that otherwise no University support be given to the project.

The Johnson Committee independently came to similar conclusions (Professor Robert E. Johnson, M.D., D.Phil., *Chairman*, Head of the Department of Physiology on the Urbana Campus of the University and Acting Dean of the Graduate College; Professor Harry F. Dowling, M.D., Head of the Department of Medi-

cine; and Professor Richard J. Winzler, Ph.D., Head of the Department of Biological Chemistry).

Through Dr. Ivy, Dr. Johnson asked for, and did not receive:

1. An adequate supply of the preparation to be studied;
2. An adequate supply of the vehicle in which it was suspended; and
3. Complete and detailed information on the mode of preparation used by the originators.

Having received no technical information and no material from the Durovics, the Committee could not proceed with its work and requested that it be discharged.

Hence, the chief Krebiozen records available are the clinical studies that formed the basis of the Cole Committee appraisal. They consist of Dr. Ivy's confidential and copyrighted medical case histories. They were not released by the Cole Committee. They were given by Dr. Ivy to the Durovics and the Durovics, without his consent, released them to the press. (I regard this as a further example of the irresponsibility of the Durovics.) These case histories have been spread around and anyone who feels competent may pass judgment upon them. I shall not do so; that was the assignment given to the Cole Committee. Its conclusions were summarized in my report to the Board on September 24, 1952.

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With respect to the general impact of the events surrounding Krebiozen, the medical men concerned should be heard.

I cite the action of the large Executive Committee of the College of Medicine, which includes all the Heads of Departments together with representatives of the General Faculty in the College of Medicine:

November 14, 1952 (before my report of the same date was released) —

"The Executive Committee of the Faculty of the College of Medicine regrets the conduct and presentation of the research on Krebiozen and the continued interest of the Vice-President in its possible anticancer effect in the face of competent scientific findings (including those of our Tumor Clinic) to the contrary.

"The Committee further regrets the loss of prestige which the office of the Vice-President has incurred with the medical profession and is distressed by the confusion engendered in the minds of the faculty and students relative to research and teaching standards of the College of Medicine."

The resolution above was adopted by a vote of 14 to 6. Five of the 6 persons voting negatively stated that they favored the substance of the motion but not the idea of transmitting it to the President of the University. At a meeting of the General Faculty on November 19th, the resolutions above were sustained by a vote of 91 to 51.

On November 19th the Executive Committee of the College of Medicine transmitted to the President of the University the following resolution based upon the President's report of November 14th to the Board of Trustees:

"The Executive Committee of the College of Medicine of the University of Illinois commends the President of the University for his stand on the Krebiozen problem."

This resolution was passed by a vote of 22 to 3. It was sustained in the General Faculty meeting referred to above by a vote of 75 to 68.

It can be said that these actions were taken with full regard to their seriousness. It had been apparent for months that there was a deterioration of morale in the medical faculty and an increasing insistence that steps be taken to restore confidence. The decision of the President of the University, supported by the Board of Trustees, to pursue the Krebiozen research beyond the Cole report was strongly opposed by many members of the Executive Committee. This, I knew. However, I felt that definitive chemical and biological studies would be of value, either as a means of closing out the research or as a step toward further clinical work. At that point Dr. Ivy was agreeable to the plan. I believe he did all he could to try to put it into effect. None of us had counted upon the resistance of the Durovics.

Having followed the Krebiozen question for twenty months, I am prepared

to make definite recommendations. I feel that there has been impairment of the University's research standing and that it is reflected in a loss of confidence in the administrative set-up of the Chicago Professional Colleges. The problem does not bear upon the integrity of the Vice-President, which at no time has been a point at issue. I share the view of all Dr. Ivy's friends that his motivation has been of the highest. Rather these troubles are a joint product of the habit of the Durovics to promise more than can be delivered and of the need of hopeless dying persons to reach out for anything at all. There is indeed a humane debt owed to persons in pain, who may include our own loved ones, but the debt can only be paid the hard way. To this hard way of rigorous research and testing the University of Illinois will continue to devote its best efforts.

II. Recommendation for Action

This proposal is related to the analysis presented in Part I of this report. It emphasizes the problems now confronting us. It looks to the future.

It is recommended:

1. That the position of Vice-President of the University in Charge of the Chicago Professional Colleges be abolished as of December 1, 1952. (This position was established by action of the Board of Trustees on June 27, 1946, to take effect September 1, 1946, with the concurrence of President Willard and President-elect Stoddard.)

2. That the Dean of the College of Medicine be designated also the Executive Dean of the Chicago Professional Colleges (this was the plan for three years prior to September 1, 1946) and that there be established the position of Associate Dean of the College of Medicine.

3. That for the period from December 1, 1952, to September 1, 1953, unless an Executive Dean is appointed earlier, the Professional Colleges be administered by an Administrative Committee consisting of the Dean of the College of Pharmacy, Chairman, the Acting Dean of the College of Medicine, the Dean of the College of Dentistry.

4. That a special Nominating Committee of nine be appointed by the President of the University to advise him on the selection of a person to fill the combined posts of Dean of the College of Medicine and Executive Dean of the Chicago Professional Colleges, this Committee to consist of

- a. Five members to be selected by the Executive Committee of the College of Medicine with one such member to be designated as Chairman.

- b. The Dean of Pharmacy and the Dean of Dentistry.

- c. Two members to be selected from the faculties of the Chicago Professional Colleges by the President of the University.

5. That Dr. Ivy be asked to serve as Distinguished Professor of Physiology and Head of the Department of Clinical Science on a full-time basis or, if he prefers, on a part-time basis in order to accommodate extensive consultative work. In either event there would be no interest on the part of the University in the work done outside.

On motion of Mrs. Watkins, this report and recommendation and the recommendation for the appointment of an Acting Dean of the College of Medicine were referred to the Committee on the Chicago Departments. This action was taken by record vote as follows: Aye, Mr. Grange, Mr. Herrick, Mrs. Holt, Mr. Johnston, Mr. Livingston, Mr. Megran, Mr. Nickell, Mrs. Watkins; no, none; absent, Mr. Fornof, Mr. Hickman, Mr. Stevenson.

SITE OF LIFE SCIENCES BUILDING

Mr. Johnston stated that he had been approached by members of the Board of Trustees of the Wesley Foundation at Urbana, Illinois, concerning land which the University needs to acquire as a site for the proposed Life Sciences Building.

On motion of Mr. Johnston, this matter was referred to the Committee on Buildings and Grounds.

SECRETARY'S REPORTS

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

APPOINTMENTS MADE BY THE PRESIDENT

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

- ALEXANDER, BARBARA L., Instructor in Medical Social Work, in the College of Medicine, November 3, 1952-August 31, 1953, \$3660 a year (10-29-52).
- ALEXANDER, JAMES, Clinical Instructor in Psychiatry, in the College of Medicine, October 15, 1952-August 31, 1953, without salary (11-1-52).
- ALEXANDER, MELANCTHON H., Assistant Professor of Dairy Production (Dairy Science) (C) (assigned to Allahabad Agricultural Institute), October 16, 1952-August 31, 1953, \$7320 a year, supersedes (10-24-52).
- BEAM, GEORGE R., Director of Statistical Service Unit, in the Provost's Office, ten months beginning November 1, 1952, \$8350 a year, supersedes (10-29-52).
- BEN-ISHAÏ, RUTH, Research Assistant in Bacteriology, in the Graduate College, November 15, 1952-June 30, 1953, \$3600 a year (10-30-52).
- BERBERIAN, STERLING K., Instructor in Mathematics, in the Chicago Undergraduate Division, five months beginning September 1, 1952, \$370 a month (10-20-52).
- BERGSTROM, L. I., Research Associate in Physics, November 19, 1952-August 31, 1953, \$4800 a year (11-14-52).
- BERRY, LEONIDAS H., Clinical Assistant Professor of Medicine, in the College of Medicine, ten months beginning November 1, 1952, without salary (10-30-52).
- BEYM, MRS. SHIRLEY G., Assistant on three-fourths time, and Research Assistant on one-fourth time, in Botany, for the first semester, and Research Assistant on three-fourths time, for the second semester, beginning September 16, 1952, \$2318.80, supersedes (10-28-52).
- BORN, PAUL W., Research Associate, on one-half time, and Instructor, on one-third time, in Aeronautical Engineering, nine months beginning September 16, 1952, \$2500, supersedes (10-20-52).
- BROMLEY, ANN, Dean of Women, in the Chicago Undergraduate Division, on three-fourths time, six months beginning October 1, 1952, \$4275 a year, and on full time, five months beginning April 1, 1953, \$5700 a year, supersedes (11-6-52).
- BROWN, DONALD D., Assistant in Crowns and Fixed Partial Dentures, in the College of Dentistry, November 10, 1952-August 31, 1953, \$4000 a year (11-6-52).
- BUSH, BURR S., Medical Illustrator in the Cleft Palate Training Program and Center, in the Division of Services for Crippled Children, on one-half time, ten months beginning November 1, 1952, \$1950 a year (11-11-52).
- COCHRAN, IRWIN A., Lecturer in Marketing, in the Department of Business Organization and Operation, on one-fourth time, three months beginning November 1, 1952, \$500 for the period (11-14-52).
- DALLA, FRANKLIN C., Director of Chicago Housing Division, in the Office of Student Affairs and in the Physical Plant Department, ten months beginning November 1, 1952, \$7000 a year (10-24-52).
- DOLCH, MRS. MARGUERITE P., Instructor in Education, on one-half time, for the academic year beginning September 1, 1952, \$2600 (11-19-52).
- DYKE, LESTER M., Director of Health Services, with rank of Professor, October 22, 1952-August 31, 1953, \$14,000 a year, supersedes (10-31-52).
- ERLEY, MRS. JEANE, Assistant in Home Economics (C), nine months beginning September 16, 1952, \$2800 (11-1-52).
- ESHELBY, J. D., Research Associate in Physics (C), eight months beginning November 1, 1952, \$5100 a year (11-1-52).
- GERSHBEIN, LEON L., Assistant Professor of Biological Chemistry, in the College of Medicine, for the academic year beginning September 1, 1952, \$5000 (10-25-52).
- GLOCKLER, ANNABEL, Research Assistant in Anatomy, in the College of Medicine, ten months beginning November 1, 1952, \$3600 a year (11-1-52).
- GRIBANOVSKY, VIOLA, Assistant in English, October 22, 1952-January 31, 1953, \$266.67 a month (10-30-52).

- HILLER, LEJAREN A., JR., Research Assistant in Chemistry, in the Graduate College, November 15, 1952-June 30, 1953, \$5000 a year, supersedes (11-18-52).
- HIMWICH, HAROLD E., Lecturer in Physiology, with rank of Professor, in the College of Medicine, eight months beginning January 1, 1953, without salary (10-27-52).
- HOAG, MRS. CAROL C., Assistant in Agricultural Economics (S), October 10, 1952-August 31, 1953, \$3300 (11-6-52).
- HOFFMAN, R. V., JR., Instructor in Pathology, in the College of Medicine, nine months beginning December 1, 1952, \$5250 a year, supersedes (11-19-52).
- HORNBERGER, CARL S., Research Associate in Bacteriology, in the Graduate College, June 16, 1952-August 31, 1953, \$4500 a year, supersedes (11-19-52).
- HOWARD, H. CARLTON, Assistant in Ophthalmology, in the College of Medicine, October 27, 1952-June 30, 1953, without salary (11-11-52).
- HUDSON, ROBERT B., Associate Professor of Journalism and Communications on 40/100 time, on indefinite tenure, and Director of University Broadcasting on 35/100 time, one year beginning September 1, 1952, \$7425 a year (on leave of absence, on one-fourth time, without salary), supersedes (10-23-52).
- HURWITZ, RUTH E., Research Assistant in Pharmacology, in the College of Medicine, ten months beginning November 1, 1952, \$4600 a year (10-25-52).
- JACOBS, EARL E., Research Associate in Botany, in the Graduate College, one year beginning October 1, 1952, \$3660, supersedes (10-25-52).
- JACOBSTEIN, J. MYRON, Law Library Assistant, with rank of Instructor, in the Library, seven months beginning February 1, 1953, \$4000 a year (10-29-52).
- JANKOWICZ, GERALD W., Assistant in Psychiatry, in the College of Medicine, eleven months beginning October 1, 1952, without salary (10-25-52).
- JOHNSON, VERNON S., Assistant in Physical Education for Men, in the Chicago Undergraduate Division, four months beginning October 1, 1952, \$333.33 a month; in addition to \$25 a month paid from Student Athletic Activities. (10-21-52).
- JOHNSON, WILLIAM H., Instructor in Physiology, nine months beginning December 1, 1952, \$4300 a year (11-10-52).
- KENNEDY, ELOISE M., Instructor in Education, on one-fourth time, one year beginning September 1, 1952, \$1000 (11-6-52).
- KOHN, PAUL, Assistant Professor of Biological Chemistry, in the College of Medicine, for the academic year beginning September 1, 1952, \$5250, supersedes (10-27-52).
- KRISTUFEK, CHARLES J., Instructor in Physical Education for Men, in the Chicago Undergraduate Division, eleven months beginning October 1, 1952, \$3100 a year; in addition to \$400 a year paid from Student Athletic Activities, supersedes (10-21-52).
- KRUGER, P. GERALD, Research Professor in the Control Systems Laboratory, one year beginning September 1, 1952, \$18,000, and Professor of Physics, on indefinite tenure beginning September 1, 1953, to render service during each academic year, \$12,600 a year (on leave of absence for the second semester of 1952-1953—February 1 to June 15, 1953—with pay at the rate of \$1400 a month), supersedes (9-26-52).
- LAVELLE, FAITH, Lecturer in Anatomy, in the College of Medicine, three months beginning October 1, 1952, \$300 a month (11-14-52).
- LONGACRE, ANDREW, Research Professor in the Control Systems Laboratory, one year beginning September 1, 1952, \$13,800, and Professor of Physics (C), on indefinite tenure beginning September 1, 1953, to render service during each academic year, \$9000 a year, supersedes (9-26-52).
- LYMAN, ERNEST M., Research Professor in the Control Systems Laboratory, one year beginning September 1, 1952, \$13,533.36, and Professor of Physics (C), on indefinite tenure beginning September 1, 1953, to render service during each academic year, \$8800 a year, supersedes (9-26-52).
- MANUS, DONALD J., Research Assistant in Civil Engineering, ten months beginning November 1, 1952, \$4128 a year, supersedes (11-10-52).
- MARCUS, RICHARD E., Assistant Professor of Otolaryngology, and Director of Speech and Hearing Rehabilitation Unit, in the College of Medicine, one year beginning September 1, 1952, \$7250, supersedes (11-5-52).

- MARSHALL, DARWIN, Research Assistant in Ceramic Engineering (S), November 17, 1952-August 31, 1953, \$4800 a year (10-21-52).
- MCCAULEY, JOHN M., Instructor in Clinical Psychology, in the College of Medicine, ten months beginning November 1, 1952, \$4300 a year (10-25-52).
- MCDONALD, VINCENT J., Research Associate in Civil Engineering (S), ten months beginning November 1, 1952, \$5000 a year, supersedes (10-21-52).
- McELROY, A. D., Research Assistant in Chemistry, in the Graduate College, September 1, 1952-February 15, 1953, \$4500 a year (10-25-52).
- MILLER, WILLIAM J., Research Associate in Dairy Science (S), ten months beginning November 1, 1952, \$4500 a year (11-10-52).
- MOELLER, ARNOLD N., Instructor in Dairy Science (C and S), ten months beginning November 1, 1952, \$4800 a year (10-21-52).
- NALBANDOV, OLGA, Research Assistant in Chemistry, in the Graduate College, nine months beginning September 1, 1952, \$3375 (10-27-52).
- NESBY, CHARLES W., Research Assistant in Medicine, in the College of Medicine, ten months beginning November 1, 1952, \$2820 a year (11-19-52).
- NORDSIECK, ARNOLD T., Professor of Physics (C), on one-half time, to render service during the academic year, \$5250, and Research Professor in the Control Systems Laboratory, on one-half time, \$7900, or a total of \$13,150 for one year beginning September 1, 1952, and Professor of Physics (C), on indefinite tenure beginning September 1, 1953, to render service during each academic year, \$10,500 a year, supersedes (9-26-52).
- NORSEN, JEANNETTE M., Research Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1952, \$3150 a year (10-21-52).
- ODEN, JOSHUA, JR., Clinical Instructor in Medicine, in the College of Medicine, ten months beginning November 1, 1952, without salary (11-6-52).
- O'DONOVAN, CORNELIUS J., Clinical Assistant Professor of Medicine, in the College of Medicine, eleven months beginning October 1, 1952, without salary (10-30-52).
- OSGOOD, CHARLES E., Associate Professor of Psychology, in the College of Liberal Arts and Sciences, and Research Associate Professor in the Institute of Communications Research, on indefinite tenure beginning September 1, 1952, to render service during each academic year, \$6300 a year, supersedes (11-11-52).
- PADILLA, ELENA, Research Associate in Anthropology, in the Graduate College, ten months beginning September 15, 1952, without salary (11-7-52).
- PATLOGAN, LOUIS, Instructor in Physical Sciences, in the Chicago Undergraduate Division, on 67/100 time, September 29, 1952-January 31, 1953, \$220 a month (11-11-52).
- PAVKOVIC, ANTE, Clinical Assistant in Psychiatry, in the College of Medicine, October 6, 1952-August 31, 1953, without salary (10-21-52).
- PINES, MRS. ARONELLE, Instructor in Psychology, in the Graduate College, seven months beginning December 1, 1952, \$5000 a year (11-17-52).
- PROMISLOW, MRS. CAROL N., Assistant in Animal Science (S), October 11, 1952-August 31, 1953, \$3200 a year (10-22-52).
- RAILA, FRANK, Research Assistant in Anatomy, in the College of Medicine, nine months beginning October 1, 1952, \$3200 a year (10-25-52).
- RASMUSSEN, PATRICIA D., Assistant in English, October 13, 1952-January 31, 1953, \$266.67 a month (10-30-52).
- RENFROW, OMER W., Instructor in Education, on three-fourths time, and on the University Council on Teacher Education, on one-fourth time, for the academic year beginning October 15, 1952, \$4300 a year, supersedes (10-25-52).
- RENNEKER, RICHARD E., Clinical Instructor in Psychiatry, in the College of Medicine, October 15, 1952-August 31, 1953, without salary (11-1-52).
- SEITZ, FREDERICK, Professor of Physics (C), on one-fifth time, on indefinite tenure, to render service during the academic year, and Technical Director and Research Professor in the Control Systems Laboratory, on four-fifths time, for one year beginning September 1, 1952, \$17,526, and Professor of Physics (C), on full time, on indefinite tenure beginning September 1, 1953, to render service during each academic year, \$12,700 a year, supersedes (10-1-52).

- SHERWIN, CHALMERS W., Research Professor in the Control Systems Laboratory, for one year beginning September 1, 1952, \$13,266.72, and Professor of Physics (C), on indefinite tenure beginning September 1, 1953, to render service during each academic year, \$8600 a year, supersedes (9-26-52).
- STEVENSON, FRANK J., Instructor and First Assistant in Soil Biology (Agronomy), in the College of Agriculture, on 22/100 time, and in the Agricultural Experiment Station, on 78/100 time, eight months beginning January 1, 1953, \$5200 a year (11-6-52).
- TAUB, ABRAHAM H., Research Professor of Applied Mathematics, in the Graduate College, on one-half time, on indefinite tenure, to render service during each academic year, \$5200 a year, and in the Control Systems Laboratory, on one-half time, one year beginning September 1, 1952, \$7833.33 a year, or a total salary of \$13,033.33 for 1952-1953, and Research Professor of Applied Mathematics, in the Graduate College, on indefinite tenure beginning September 1, 1953, to render service during each academic year, \$10,400 a year, supersedes (9-15-52).
- TOMLINSON, RICHARD, Research Assistant in Psychology, in the Graduate College, September 15, 1952-August 31, 1953, \$4000 a year (9-20-52).
- VONDRASEK, EARL A., Clinical Assistant in Medicine, in the College of Medicine, eleven months beginning October 1, 1952, without salary (10-29-52).
- WIGDERSON, H. I., Instructor in Education, October 27, 1952-August 31, 1953, \$4000 a year (11-6-52).
- WILLIAMS, HENRY F., Instructor in Economics, in the Chicago Undergraduate Division, for the academic year beginning September 1, 1952, \$4750, supersedes (10-29-52).
- WILLIAMS, JAMES R., Clinical Assistant in Neurology and Neurological Surgery (Rush), in the College of Medicine, eleven months beginning October 1, 1952, without salary (11-11-52).
- ZELENY, CHARLES E., Research Assistant in Psychology, in the Graduate College, October 6, 1952-January 31, 1953, \$4200 a year (11-6-52).
- ZUZUARREGUI, ADAN, Assistant in Anesthesiology (Rush), in the College of Medicine, nine months beginning October 1, 1952, without salary (10-21-52).

GRADUATE FELLOWS

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

- LURIA, ZELLA, Ford Foundation Postdoctoral Fellow in Psychology, in the Graduate College, ten months beginning November 1, 1952, \$375 a month (10-25-52).
- NASH, HARVEY, United States Public Health Service Postdoctoral Fellow in Psychology, in the College of Medicine, eleven months beginning October 1, 1952, \$250 a month (11-6-52).
- RASKIN, ALLEN, United States Public Health Service Fellow in Psychology, nine months beginning September 16, 1952, \$2000 (10-20-52).
- SWANSON, ALBERT M., United States Public Health Service Fellow in Psychology, nine months beginning September 16, 1952, \$1200 (10-20-52).
- WIEGERT, PHILIP E., Fellow in Chemistry, beginning February 1, 1953, and continuing through June 15, 1953, \$450 (11-3-52).

RESIGNATIONS AND DECLINATIONS

- ALVAREZ, MARIO C., Assistant in Urology (Rush), in the College of Medicine—resignation effective 8-1-52.
- BATCHELOR, MRS. ELIZABETH, Assistant in Animal Nutrition (Animal Science) (S)—resignation effective 10-12-52.
- FERAUT, ALAIN M. P., Fellow in Economics—resignation effective 9-16-52.
- GRANGER, SARA JANE, Fellow in Physics—resignation effective 11-1-52.
- HAMBRO, CATO, Fellow in Education—resignation effective 12-10-52.
- HUGHES, EDWIN L., Research Associate, Electronic Digital Computer, in the Graduate College—resignation effective 12-1-52.
- KEYSER, DIXON B., Instructor in Physical Education for Men, in the Chicago Undergraduate Division—resignation effective 10-12-52.

- KOCZUR, J. L., Instructor in Physical Medicine and Rehabilitation, in the College of Medicine—declination effective 9-1-52.
 LEEVER, RICHARD S., Assistant in English—resignation effective 10-13-52.
 MELROSE, MRS. BARBARA M., Research Assistant in Psychology, in the Graduate College—resignation effective 11-1-52.
 SHIMEK, JOHN L., Editor, with rank of Instructor, in the Business Management Service—resignation effective 10-17-52.
 SIROTEK, MARY J., Fellow in Chemistry—resignation effective 9-16-52.
 TEVNAN, JOHN E., Fellow in English—resignation effective 9-16-52.
 TOMLINSON, RICHARD, Research Assistant in Psychology, in the Graduate College—resignation effective 9-24-52.

LEAVES OF ABSENCE

- BALES, MRS. RETTA E., Assistant Director of Clinics in charge of Neuropsychiatric Clinic, in the Research and Educational Hospitals—leave of absence, without salary, six months beginning December 1, 1952.
 BRUCKNER, WALTER H., Research Associate Professor of Metallurgical Engineering, in the Department of Mining and Metallurgical Engineering (S)—leave of absence, on full pay, October 15-December 31, 1952, and without pay beginning January 1, 1953, and continuing until further notice, on account of illness.
 CLARK, JAMES G., Professor of Civil Engineering (C)—leave of absence, without salary, March 1, 1953-February 28, 1954.
 CLEARY, EDWARD W., Professor of Law—leave of absence, on full pay, six months beginning September 1, 1952, or for as much of that period as he may need, on account of illness.
 ERLANGER, MARGARET, Assistant Professor of Physical Education for Women—leave of absence, without salary, six months beginning March 1, 1953.
 FORTH, MURRAY W., First Assistant in Agricultural Engineering (S)—leave of absence, with full pay, three months beginning October 24, 1952, on account of disability.
 HAINES, RUSSEL D., Professor of Accountancy, in the Chicago Undergraduate Division—leave of absence, with salary, six months beginning September 1, 1952, on account of illness.
 HENDERSON, DONALD M., Assistant Professor of Geology—leave of absence, with full pay, beginning October 27, 1952, and continuing for the remainder of the first semester 1952-1953, on account of illness.
 ROCKWOOD, MRS. RUTH H., Illini Union Browsing Room Librarian, with rank of Instructor—leave of absence extended from June 15 to August 15, 1953.

DECEMBER MEETING

Mr. Weldon, Treasurer, presented an invitation to the Board of Trustees to be the guests of the First National Bank of Chicago at luncheon on the day of the December Board meeting. This invitation was accepted with thanks, and the Secretary of the Board was instructed to follow up on the necessary arrangements with Mr. Weldon.

The Board voted to hold its December meeting on Monday, December 22, 1952, in Chicago, Illinois, the hour and place to be determined by the President and Secretary of the Board.

On motion of Mr. Grange, the Board adjourned.

A. J. JANATA
Secretary

PARK LIVINGSTON
President

MEETING OF THE EXECUTIVE COMMITTEE

NOVEMBER 28, 1952

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in the LaSalle Hotel, Chicago, Illinois, on Friday, November 28, 1952, beginning at 12:30 p.m.

Mr. Park Livingston, Chairman, Mr. Herbert B. Megran and Mrs. Frances B. Watkins, members of the Executive Committee, were present; also present was Mr. A. J. Janata, Secretary of the Board, who acted as Clerk.

The Executive Committee considered the following recommendation from the President of the University.

**RELEASES OF PATENTABLE DISCOVERIES TO
GOVERNMENT AGENCIES**

Contracts with the United States government and its agencies covering research work being done by the University contain provisions giving the government the option on rights to patentable discoveries resulting from such research. If the agency of the government concerned does not choose to exercise this option the University is free to seek a patent or make other disposition of the secondary rights.

Most of this research is confidential and any patentable discovery which might result would be classified security information. A member of the staff of the Control Systems Laboratory has reported two potentially patentable discoveries which are in this category. The Laboratory staff advises that neither of the two has commercial value. The University Research Board recommends, and I concur, that these disclosures, designated as CSL Case No. 1 and CSL Case No. 2, be released to the Chicago Ordnance District, Department of the Army, the sponsoring agency.

I further recommend that the President of the University be authorized to act for the Board on proposals to release to the agencies of the United States government patentable discoveries resulting from research *under classified research contracts which contain provisions giving the government first claim to such discoveries.*

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

**SECRETARY'S REPORT ON CANCELLATION OF SALE
OF UNIVERSITY PROPERTY**

The Board of Trustees on September 24, 1952, authorized the sale of Lot 96 at 1108 South Third Street in the College Place Addition to the City of Champaign. The Comptroller reports that subsequently the prospective purchaser informed the University that he was unable to finance the purchase and was obliged to withdraw the offer.

This report was received for record. The Secretary stated that a notation would be included in the minutes of the meeting of September 24, 1952, indicating cancellation of the sale.

On motion of Mrs. Watkins, the Committee adjourned.

A. J. JANATA
Clerk

PARK LIVINGSTON
Chairman