

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

April 29, 1943



The April meeting of the Board of Trustees of the University of Illinois was held at the Illini Union Building, Urbana, at 10 o'clock a.m. on Thursday, April 29, 1943. The following members were present: President Livingston, Mr. Davis, Mr. Fornof, Mrs. Grigsby, Mr. Jensen, Mr. Karraker, Dr. Luken, Mr. McKelvey.

President Willard was present; also Mr. A. J. Janata, Assistant to the President, Mr. H. E. Cunningham, Secretary, Mr. Lloyd Morey, Comptroller, and Mr. J. F. Wright, Director of Public Information.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of March 20, 1943.

On motion of Mr. Jensen, the minutes were approved as printed on pages 299 to 320 above.

TRIBUTE TO EDWARD E. BARRETT

Mr. McKelvey offered the following resolution:

The members of the Board of Trustees of the University of Illinois have learned with profound sorrow of the death of their former colleague and distinguished alumnus of the University, Edward Ernest Barrett, who passed away in Boca Raton, Florida, on April 21, 1943.

It is often, and truly, said that alumni of an institution are eternally indebted to it for the education it has given them. Mr. Barrett is one of the few alumni of the University of Illinois of whom it can be said that the University is indebted to them.

As an undergraduate student Mr. Barrett was a leader in various student activities. Following his graduation in 1893, he began a successful career as an engineer in which he achieved great distinction. Throughout the years of a busy professional life he always took an active interest in promoting the welfare of the University, both as a private citizen and in official capacities. He served as President of the Chicago Illini Club, as President of the general Alumni Association, and from 1931 to 1937 as a member of the Board of Trustees of the University. He was also President of the Board from 1932 to 1934. His work in these offices was characterized by the highest ideals of public service.

Be it resolved, by the Board of Trustees, that this Board hereby records its tribute to the memory of a former colleague and its appreciation of his services.

Be it further resolved, that a copy of this resolution be sent by the Secretary of the Board to the family of Mr. Barrett as an expression of the sympathy of this Board in the loss they have suffered.

On motion of Mr. McKelvey, this resolution was adopted, by unanimous rising vote.

TRIBUTE TO GOVERNOR FRANK O. LOWDEN

Mr. Fornof presented the following resolution:

The members of the Board of Trustees of the University of Illinois desire to record with sorrow the death on March 20, 1943, of Frank Orren Lowden, former Governor of Illinois and member of this Board.

Mr. Lowden represented the State of Illinois with great distinction in the House of Representatives of the United States Congress from 1906 to 1911, and served as Governor of Illinois from 1917 to 1921. While in the latter office he was a member *ex officio* of the Board of Trustees of the University of Illinois.

His distinguished career in public life was matched by equally distinguished success in the profession of law, as an officer of industrial and public corporations, and as an agriculturist. Indeed, his wide knowledge of agricultural problems and his activities in this field have been for many years a great service to the farmers of the middle west. In public affairs he was first and last a statesman and a patriot.

In recording its tribute to a great man the Board of Trustees of the University of Illinois directs its Secretary to send a copy of this resolution to the family of Governor Lowden as an expression of the Board's deep sympathy with them in the loss they have suffered.

On motion of Mr. Fornof, this resolution was adopted, by unanimous rising vote.

MATTERS PRESENTED BY PRESIDENT WILLARD

The Board considered the following matters presented by the President of the University.

AUTHORITY TO CONFER DEGREES

(1) A recommendation that the President of the University be authorized to confer degrees at the Commencement Exercises in the Urbana Departments on June 7, 1943, and in the Chicago Departments on June 18, and also in August, on candidates who will be recommended for such degrees by the University Senate.

On motion of Mrs. Grigsby, authority was granted as recommended.

LEAVES OF ABSENCE

(2) A recommendation that the following leaves of absence be granted members of the staff for the reasons and periods and under the conditions indicated in each case, which are in accordance with the regulations of the Board governing such leaves:

MELVIN LORENIUS ENGER, Dean of the College of Engineering, sick leave with full pay from April 26 to June 1, 1943, or so much of this time as may be necessary. Dean Enger has undergone an operation.

JAMES L. QUICK, Water Station Operator, Physical Plant Department, leave with full pay from February 8 through June 12, 1943, because of illness.

DONALD WILLIAM KERST, Associate Professor of Physics, leave with full pay from February 27 to April 1, 1943, on account of illness.

GLENN PERCIVAL HASKELL, Associate in English, sick leave with full pay from March 8 through August 31, 1943, or as much of that period as may be necessary.

MRS. ELIZABETH P. CARLSON, Supervising Nurse in the Research and Educational Hospital, leave without pay from October 1 through November 30, 1942, in order that she might spend more time with her husband before his departure overseas.

Leaves of Absence for War Service
(The leave in each case is without pay.)

REUBEN B. GAINES, Assistant in Urology (Rush), from December 4, 1942, through August 31, 1943.

JOHN F. PICK, Associate in Surgery, from March 1 through August 31, 1943.

LEO PARNELL, Janitor in the Illini Union, from March 7 through August 31, 1943.

ALBERT H. SLEPYAN, Instructor in Dermatology (Rush), from March 8 through August 31, 1943.

NORMAN T. WELFORD, Assistant in Pediatrics (Rush), from March 10 through August 31, 1943.

WAYNE W. DAHLSTEDT, Assistant in English, from March 15 through August 31, 1943.

PAUL S. PETTINGA, Instructor in Music, from March 16 through August 31, 1943.

LINDEN J. WALLNER, Assistant Professor of Laryngology, Rhinology, and Otology (Rush), from March 19 through August 31, 1943.

CHARLES S. TEXTOR, II, Assistant in Surgery, from March 19 through August 31, 1943.

RALPH E. TALBOTT, Assistant in Neurology (Rush), from March 19 through August 31, 1943.

BERTRAM G. NELSON, Instructor in Medicine (Rush), from March 19 through August 31, 1943.

EDWIN M. MILLER, Professor of Surgery (Rush), from March 19 through August 31, 1943.

STANLEY E. LAWTON, Assistant Professor of Surgery (Rush), from March 19 through August 31, 1943.

RICHARD K. GILCHRIST, Associate in Surgery (Rush), from March 19 through August 31, 1943.

STANTON A. FRIEDBERG, Associate in Laryngology, Rhinology, and Otology (Rush), from March 19 through August 31, 1943.

EGBERT H. FELL, Associate in Surgery (Rush), from March 19 through August 31, 1943.

CECIL C. DRAA, Associate in Obstetrics and Gynecology (Rush), from March 19 through August 31, 1943.

HERBERT C. BREUHAUS, Associate in Medicine (Rush), from March 19 through August 31, 1943.

HUGO C. BAUM, Instructor in Obstetrics and Gynecology (Rush), from March 19 through August 31, 1943.

MAYNARD K. WEITZEL, Guard at University Armory, Physical Plant Department, from March 22 through August 31, 1943.

FRANCIS H. STRAUS, Associate Professor of Surgery (Rush), from April 1 through August 31, 1943.

NOAH B. LEVIN, Assistant in Medicine (Rush), from April 1 through August 31, 1943.

JEROME S. MEHLMAN, Instructor in Medicine, from April 1 through August 31, 1943.

ISADORE PILOT, Associate Professor of Pathology, indefinite leave from April 1, 1943.

IGNATIUS JOSEPH KASKI, Assistant in Chemistry (College of Pharmacy), from April 1 through August 31, 1943.

T. R. STAYTON, Water Station Operator, Physical Plant Department, from April 4 through August 31, 1943.

EVA ANNA BEGG, Supervising Nurse in the Department of Obstetrics and Gynecology, from April 5 through August 31, 1943.

JACK WEINBERG, Assistant in Psychiatry, from April 9 through August 31, 1943.

CLARENCE WILLARD KLASSEN, Associate in Bacteriology and Public Health, from April 10 through August 31, 1943.

HERBERT HOWARD ALP, Associate Professor of Poultry Extension, from April 12 through August 31, 1943.

JOHN PAUL JONES, JR., Instructor in Journalism, from April 24 through August 31, 1943.

IRVING J. SPEIGEL, Assistant in Neurology and Neurological Surgery, from April 25 through August 31, 1943.

ARTHUR WILBUR CLEVINGER, High School Visitor (with rank of Professor), from May 1 through August 31, 1943.

On motion of Mr. Davis, the leaves for illness were granted as recommended; action on leaves for war service was deferred until later in the day (see pages 333 and 334).

RESIGNATION OF MRS. GLENN E. PLUMB FROM MEDICAL CENTER DISTRICT COMMISSION

(3) On November 18, 1941 (Minutes, page 702), the Board of Trustees appointed Mrs. Glenn E. Plumb, then of Chicago, a former member of the Board, as the representative of the University of Illinois on the Medical Center District Commission. Mrs. Plumb is moving to Florida and has submitted her resignation. In view of this change in her residence, I recommend acceptance of the resignation with regret. I should also like to record my appreciation of her services as a member of this Commission for the past year and a half.

The other members of the Commission are Colonel A. A. Sprague, appointed by the Mayor of Chicago, Dr. Walter H. Theobald, appointed by the President of the Board of Commissioners of Cook County, Mr. Ray McCarthy, appointed by the President of the Chicago Park District, and Mr. George A. Barr, appointed by the Governor of Illinois.

On motion of Mr. Jensen, this resignation was accepted as recommended.

BREAKAGE DEPOSIT IN THE CHICAGO COLLEGES

(4) On April 22, 1942 (Minutes, page 835), the Board approved a new schedule of fees for the Colleges of Medicine, Dentistry, and Pharmacy based on the change from the two-semester to the four-quarter academic program. Included in this was a recommendation "that a general breakage deposit of \$5, similar to the one now assessed on the Urbana campus, be required of all students."

The Faculty Committee on Fees and Scholarships now recommends that this deposit requirement be rescinded. It is not a fee and must be refunded, in whole or in part, depending on whether there are any charges against the student.

Junior and senior students in Medicine and Dentistry have no courses in which laboratory fees are charged, so that there are no excess breakage charges against such students. The largest percentage of breakage charges occurs in the second year in Medicine and Dentistry and in the senior year in Pharmacy, and these are collected at the succeeding registrations.

No library fines are assessed in Chicago, as very few of the books in the Library there may be withdrawn.

The practical situation is that the cost of administering this requirement (collecting the deposits, keeping accounts of charges against it, and refunding the balance) exceeds any losses which resulted under the previous system of

simply charging the students for breakage of laboratory apparatus in excess of damage covered by laboratory fees and any other costs, and collecting this at the end of each semester or term.

I concur in this recommendation.

On motion of Mr. Fornof, this requirement was rescinded as recommended.

HOSPITAL AND MEDICAL SERVICE FEE IN THE URBANA DEPARTMENTS

(5) As the Board was advised on February 20, 1943 (Minutes, page 272), the University officials have been giving consideration to establishing a uniform hospital and medical service fee to be assessed all students in the Urbana Departments and to be payable with other fees at the time of registration. The Faculty Committee on Fees and Scholarships, which has been studying this matter, now recommends the adoption of a compulsory hospital and medical service plan for students in the Urbana Departments, to become effective with the fall term of 1943, with a fee of \$5 a semester, or a prorated amount for terms of different lengths.

I concur in this recommendation. I recommend further that at least for the first two or three years the Board of Trustees authorize the carrying of insurance to cover its obligations under this plan. Later if it is clear that the proposed fee is adequate, the insurance protection can be eliminated.

On motion of Mr. Fornof, these recommendations were adopted.

BANK ACCOUNT FOR CHICAGO DEPARTMENTS

(6) Increase in the volume of operations of the Chicago Departments of the University and increased complexity of payroll operations resulting from Victory Tax procedure make it highly desirable to provide for the preparation and issuance of warrants against the University Treasurer directly by the Chicago Business Office. In the past, while all vouchers have been prepared and all accounts kept for the Chicago Division in that office, the actual warrants have been written in Urbana. A separate bank account in the name of the University Treasurer is proposed in order to avoid confusion between warrants issued from the two places. Mr. I. L. Porter, University Treasurer, has approved the arrangement.

In order to carry out the procedure it is necessary to provide for delegation of signatures of the President and Secretary of the Board to certain persons in the Chicago Office. A resolution for that purpose is presented. The persons to whom authority is delegated are the same as those now authorized to sign vouchers against the State Auditor for disbursements from State appropriations.

The Comptroller requests the adoption of the following resolution, and I recommend approval.

Resolved, that the President and Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to warrants drawn on the Treasurer of the University, on the special account for Chicago Departments, under the following conditions:

The President of the Board of Trustees is authorized to delegate to J. E. Millizen, to J. F. Knight, and to W. R. Williams, in Chicago, authority to sign his name as President of the Board of Trustees to warrants on the University Treasurer drawn against this account.

The Secretary of the Board of Trustees is authorized to delegate to G. R. Moon and Velma M. Davis, in Chicago, authority to sign his name as Secretary of the Board of Trustees to warrants on the University Treasurer drawn against this account.

On motion of Mr. Karraker, this resolution was adopted.

WATERPROOFING AT FEED STORAGE PLANT AND ABBOTT POWER PLANT

(7) The Physical Plant Department has recommended that waterproofing be applied to the exterior of the grain elevator and silos at the Cattle Feeding

Plant and the concrete chimney of the Abbott Power Plant. Bids were requested and received as follows on March 30, 1943:

Alphons-Custodis Chimney Construction Company.....	\$8 560
Consolidated Chimney Company.....	8 110
Heine Chimney & Construction Company.....	7 776

The Director of the Physical Plant Department and the Comptroller recommend that the contract be awarded to Heine Chimney & Construction Company, the lowest bidder, for the sum of \$7,776, for the work on all of these buildings. Funds are available in the operation and maintenance appropriations to the Physical Plant Department for the current year. I recommend approval.

On motion of Mr. Jensen, this contract was awarded as recommended.

SERVICES OF CONSULTING ENGINEER FOR ADDITION TO RESEARCH AND EDUCATIONAL HOSPITALS

(8) An assignment of \$16,000 from state capital appropriations of the current biennium has been made for the architectural and engineering work for the future east wing of the Research and Educational Hospitals.

The Director of the Physical Plant Department recommends that a contract be made with Frank A. Randall, Structural Engineer, Chicago, for services as consulting engineer on this project at a rate of \$6 an hour for studies of the problem and 3% of the estimated or contract cost for design work (including preparation of drawings and specifications but not the taking of bids, awarding of contracts, supervising of construction, or certifying of payments). The estimated cost of the contract for engineering services is \$5,000 to \$6,000.

Mr. Randall, one of the outstanding graduates of the College of Engineering, is now serving as consulting engineer in an important capacity in connection with the Chicago subway. He was one of the engineers for the designing of the Outer Drive link and bridge over the Chicago River, completed a few years ago. He has served as consulting engineer in connection with the designing of several hospitals, the most notable of which is the Cook County Hospital.

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

On motion of Mr. Davis, the execution of this contract was authorized as recommended.

CONTRACT FOR TERRA COTTA WORK IN REMODELING OF RESEARCH AND EDUCATIONAL HOSPITALS

(9) The following bids have been received by the Physical Plant Department on interior terra cotta work in the remodeling of the Research and Educational Hospitals:

	<i>Item 1*</i>	<i>Item 8*</i>	<i>Item 9*</i>	<i>Item 10*</i>
Mueller Construction Co.....	\$21 500	\$4 700	\$6 100	\$3 100
L. J. Graf Construction Co.....	33 500	9 000	10 700	5 240
Carroll Construction Co.....	27 333	5 958	6 586	3 502
Kinnare Corp.....	24 842	5 822	7 284	3 721
Coath & Goss.....	23 914	5 532	6 913	2 972
R. C. Wieboldt Co.....	29 050	6 750	8 150	4 720

The Director of the Physical Plant Department and the Comptroller recommend the award of the contract to the Mueller Construction Company, the lowest bidder, for items 1 and 10 at a total cost of \$24,600. Funds are available in the State appropriation for remodeling and equipping this building.

I concur in this recommendation.

On motion of Mrs. Grigsby, this contract was awarded as recommended.

*Item 1—First story of north side.

Item 8—West stairs and north stairs of southwest wing.

Item 9—West stairs of north side, and south stairs of southwest wing.

Item 10—Center stairs of north side.

PUBLICATION OF BROCHURE ON WAR ACTIVITIES

(10) The University War Committee has recommended the publication of a new brochure describing and illustrating war activities of the University. This brochure would be sent to the high schools, to the parents of University students, to newspaper editors, and to other agencies. An edition of 15,000 copies is contemplated. I recommend that an appropriation of \$1,200 be made from the General Reserve Fund to cover the cost of printing and mailing.

On motion of Mr. Davis, this appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Grigsby, Mr. Jensen, Mr. Karraker, Mr. Livingston, Dr. Luken, Mr. McKelvey; no, none; absent, Mr. Green, Dr. Meyer, Mr. Nickell.

APPROPRIATION FOR MINOR BUDGET ADJUSTMENTS

(11) Appropriations to cover minor adjustments, which have been approved by the President, in the University's budget for 1942-1943, are requested as follows: Business Office, \$120; Library, \$100; Public Information, \$2,500; total, \$2,720.

On motion of Mr. Jensen, the action of the President in authorizing these adjustments was approved and confirmed, and the appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Grigsby, Mr. Jensen, Mr. Karraker, Mr. Livingston, Dr. Luken, Mr. McKelvey; no, none; absent, Mr. Green, Dr. Meyer, Mr. Nickell.

APPROPRIATION FOR X-RAY APPARATUS

(12) A recommendation that an assignment of \$500 be made from the General Reserve Fund toward the purchase of X-ray diffraction equipment for the College of Engineering. The total cost of this equipment is \$3,500, but the Department of Ceramic Engineering and the Department of Mining and Metallurgical Engineering are sharing equally the \$3,000 from their current year's budgets.

On motion of Mr. Davis, this appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Grigsby, Mr. Jensen, Mr. Karraker, Mr. Livingston, Dr. Luken, Mr. McKelvey; no, none; absent, Mr. Green, Dr. Meyer, Mr. Nickell.

APPROPRIATION TO REGISTRAR'S OFFICE

(13) A recommendation that an appropriation of \$1,600 be made from the General Reserve Fund to supplement the budget of the Registrar's Office for the current fiscal year ending July 1, 1943. This office has had unforeseen demands for its services because of the war. Most of these extra services have been in connection with Army and Navy research programs which require records of enlistment and frequent reports, various recruiting programs conducted by the armed forces which require special certifications of student status, and the employment of students in defense industries and civilian government agencies which require the filling of innumerable forms. All these demands have increased the clerical work in the Registrar's Office.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Davis, Mr. Fornof, Mrs. Grigsby, Mr. Jensen, Mr. Karraker, Mr. Livingston, Dr. Luken, Mr. McKelvey; no, none; absent, Mr. Green, Dr. Meyer, Mr. Nickell.

PAYMENT FOR SERVICES OF FARR & COMPANY

(14) By authority of the Board, the Physical Plant Department engaged the services of Farr & Company, Chicago, Realtors, in the acquisition of properties at 1824, 1832, 1840, and 1846 West Taylor Street, Chicago. In order to acquire clear title to these properties, it was necessary to pay the back taxes; and under the procedure in Cook County, tax foreclosure suits were instituted by the State's Attorney's Office on assurance that an adequate bid would be made

at the tax sale. It was necessary for Farr & Company to employ local counsel familiar with all the legal requirements in this technical procedure and to pay certain fees and costs, including advertising prior to the sale, confirmation of the sale, and issuance of a certificate of title to the University. Farr & Company have submitted a statement that the expenses in connection with tax foreclosure of these properties totalled \$1,150. Funds for payment of these expenses are available in the appropriation for the purchase of this property.

On motion of Mr. Davis, this payment was authorized.

PURCHASES RECOMMENDED

(15) The Comptroller recommends that the following purchases, submitted by the Purchasing Agent, be authorized:

1. Rental of caps and gowns for graduates at 1943 Commencement, from the Collegiate Cap & Gown Company, the lowest bidder, at an estimated total cost of \$2,081.

2. Thirty tons of linseed oil meal for the Animal Husbandry Department, from Archer-Daniels-Midland Company, Minneapolis, Minnesota, at \$1,700.

3. 4,500 diplomas from W. M. Welch Manufacturing Company, the lowest bidder, at a total estimated cost of \$1,755, to be charged to the appropriation to the Registrar's Office for this purpose, through the Office Supply Store.

4. 4,500 diploma covers from W. M. Welch Manufacturing Company, the lowest bidder, at a total estimated cost of \$3,960, to be charged to the appropriation to the Registrar's Office for this purpose, through the Office Supply Store.

5. 18,500 reams of 8½ x 11" 16# mimeograph bond paper, in various colors, for use in the Agricultural Experiment Station, from Newhouse Paper Company, Moline, Illinois, the lowest bidder, at a price of \$5,519.

On motion of Mrs. Grigsby, these purchases were authorized as recommended.

PURCHASES AUTHORIZED

(16) A report of the following purchases proposed by the Purchasing Agent and authorized by the Comptroller as emergency action:

1. Sixty-five feeder cattle, average weight 800 pounds, for the Animal Husbandry Department, from the Chicago Producers Commission Association, the total expenditure to be approximately \$7,000.

2. Furniture for the Research and Educational Hospitals, from the Wisconsin Chair Company, Port Washington, Wisconsin, as follows: 58 special tables (36 x 36" sandalwood) with no-stripe Nairn Linoleum tops (⅜") pattern 1002, and legs to match B4, at \$16 each—\$928; 232 chairs (B4 sandalwood) with no-stripe #374 leatherette cover, faultless glides if available, to match above tables, at \$6 each—\$1,392; delivery charges, \$60; total, \$2,380.

On motion of Mr. Jensen, the action of the Comptroller in authorizing these purchases was approved and confirmed.

CONTRACTS EXECUTED BY THE COMPTROLLER MARCH 10 TO APRIL 8, 1943

(17) The Comptroller's report of contracts executed.

<i>With Whom</i>	<i>Purpose</i>	<i>Amount to be received by the University</i>	<i>Date</i>
War Production Board	Restricted contract	\$100 000	December 1, 1942
War Production Board	Restricted contract	1 000	March 29, 1943
War Production Board	Restricted contract	12 000	March 29, 1943
U. S. Army—Engineer Service	Secret contract	1	February 24, 1943
Kimberley Clark Corporation	Confidential contract supplement to OEM 102	4 000	March 4, 1943
F. H. Woodruff and Sons, Inc.	Grow seed and introduce to the public new varieties of sweet corn	....	March 30, 1943
Staley Manufacturing Co.	Cooperative investigation of growth and yields of crop plants	1 500	April 1, 1943

This report was received for record.

RECOMMENDATION CONCERNING SHORTAGE OF TEACHERS IN PUBLIC SCHOOLS

(18) For the past two or three years representatives of the State Normal Universities and Teachers Colleges and of the University of Illinois have been meeting periodically to discuss problems of mutual interest and responsibility. The group is an informal organization and has come to be known as the "Council of State-Supported Institutions of Higher Education." At the most recent meeting of this group, held at Southern Illinois Normal University, Carbondale, on April 5, one of the problems discussed was the threatened serious shortage of teachers. The Council adopted the following recommendation, calling public attention to this problem which concerns all local communities in Illinois:

The Council of State-Supported Institutions of Higher Education recognizes that the present serious shortage of teachers may easily develop into a crisis when public schools open this fall. They also recognize that one of the most important causes of this teacher shortage is the inability of public schools to compete with salaries paid for similar training in business, industry, and the civil service. They recommend that immediate steps be taken by those in authority to raise the level of pay for teachers and to improve the conditions of employment of teachers. To do this throughout the State of Illinois will require added expenditures on the part of the local area and financial aid from the State or from the Federal government, or from both. We further recommend that teaching be recognized as an essential service—essential to the war effort and to all activities connected with it, and on that basis we recommend that teachers not immediately necessary for the armed services be urged to continue in teaching and that every effort be made to keep teaching attractive as a profession.

ILLINOIS NORMAL UNIVERSITY
SOUTHERN ILLINOIS NORMAL UNIVERSITY
WESTERN ILLINOIS STATE TEACHERS COLLEGE
EASTERN ILLINOIS STATE TEACHERS COLLEGE
NORTHERN ILLINOIS STATE TEACHERS COLLEGE
UNIVERSITY OF ILLINOIS

On motion of Mr. Jensen, this report was received for record.

BATES ESTATE

(19) As previously reported to the Board (Minutes, April 28, 1941, page 271; and September 26, 1941, page 630), the late Lydia E. Parker Bates has bequeathed to the University the bulk of her estate to establish a fund to be known as the "Lydia E. Parker Bates Fund for the Advancement of Fine Arts." The estate includes certain farms which must be sold not later than the spring of 1946, and the Board has elected to sell them as soon as possible.

These proceedings have been delayed because of litigation instituted by some of the Bates heirs. Their claims have now been adjudicated, including an appeal to the Supreme Court, which has been decided against them. As they have decided not to file a petition for a re-hearing, the decision of the Court is final. The Citizens National Bank of Decatur, trustee under the Bates will, may now proceed with the sale of the farm lands.

This report was received for record.

GIFTS TO THE UNIVERSITY AND GRANTS FOR RESEARCH

(20) A report of the following gifts and grants of funds for research received by the University since the last report:

Gifts

1. Mr. John W. Ruettinger, \$500 for the John C. Ruettinger Memorial Scholarship Award, for the academic year 1943-1944.
2. Dr. Herman Schneider of Chicago, through his son, Mr. Leonard B. Schneider, a member of the Department of Psychology, an X-ray machine, to the Department of Psychology.
3. W. J. Fitzpatrick Company of Chicago, a Model A triturating machine, to the College of Pharmacy.

4. Professor and Mrs. Jerry Farnsworth, a portrait, "Henka," to the Department of Art.
5. Pleiades, an organization of girls in the University High School, a flag together with a standard and base, to the University High School.
6. Mr. H. J. Beckemeyer, a former student, and now Superintendent of the Hillsboro City Schools, a four-volume set of the fourth edition of "A Systematic Arrangement of British Plants" by William Wethering, published about 1800.
7. Harnischfeger Corporation, an electric welding machine, to the Department of Electrical Engineering.
8. Mr. Norman C. Flagg, of Moro, Illinois, old reports of the Department of Agriculture, to the Library of the College of Agriculture.

Grants for Research

1. Josiah Macy, Jr., Foundation, New York City, \$3,500 for research work on the effect of vitamins of the B group on the resistance to anoxia and the role of the adrenal cortex under these conditions, to be carried on at the College of Medicine under the supervision of Dr. Ernst Gellhorn of the Department of Physiology, covering the period of one year ending September 30, 1943.
2. Koppers Company, Pittsburgh, Pennsylvania, \$2,500 for research in the Department of Entomology on an exploratory survey of the insecticidal properties of coal tar chemicals, to be carried on during the academic year 1942-1943.
3. The J. T. Baker Chemical Company, Phillipsburg, New Jersey, \$1,000 for the support of a special research assistant in the Department of Chemistry for the academic year 1942-1943.
4. Aeration Processes, Inc., \$750 for the renewal of a fellowship in Chemistry for the academic year 1942-1943.
5. Rohm & Haas Company, Philadelphia, Pennsylvania, \$650 for the renewal of a research assistantship under Dr. R. C. Fuson of the Department of Chemistry for the academic year 1942-1943.
6. Abbott Laboratories, North Chicago, \$650 for the continuation of the Abbott Fellowship in Organic Chemistry during the academic year 1942-1943.
7. National Lime Association, Washington, D.C., \$630 for the continuation of a research assistantship in the Department of Chemistry for the academic year 1942-1943.
8. Honegger Brothers, Forrest, Illinois, \$300 in appreciation of the work in nutrition being done by the Swine Division of the Department of Animal Husbandry.

On motion of Mr. McKelvey, this report was received for record.

CHARLES H. BOOTH ESTATE

(21) The late Mr. Charles H. Booth, of Galesburg, bequeathed the residue of his property, after making certain specific bequests, to the University of Illinois College of Agriculture. The property, consisting of real estate in Illinois and Texas (including a farm of 240 acres in Knox County, Illinois) and personal property, may be used by the University for any purpose whatsoever.

Mr. Booth, in his lifetime, discussed with representatives of the College of Agriculture certain purposes he had in mind in connection with the use of the property that he might leave to the University. On March 11, 1941 (Minutes, page 229), the Board was informed of his intended bequest for scholarships and other forms of financial aid to students, and authorized acceptance of the gift under certain specified conditions. However, Mr. Booth's death occurred before he accomplished his plan and the short, simple will he left is without conditions and restrictions of any kind as to the bequest to the University.

The Board may be called on soon to decide whether to sell the land in this estate or keep and operate it. Either may be done under the will. The Dean of the College of Agriculture is of the opinion the land should be sold within the next year, as land prices are now near the peak of what long-term capitalization of income would warrant anyone paying for land.

I recommend that this be referred to the Committee on Agriculture with power to act.

On motion of Mr. Fornof, this matter was referred to the Finance Committee for study and report.

FUNDS FOR EXTENSION WORK IN FARM LABOR SUPPLY AND DISTRIBUTION

(22) Provisions of a recent Act of Congress (House Joint Resolution No. 96), appropriating \$26,100,000 to the War Food Administration, to be expended for assisting in providing an adequate supply of workers for the production and harvesting of agricultural commodities essential to the prosecution of the war, include the apportionment of not less than \$9,000,000 and not more than \$13,050,000 to the several states, on the basis of need, for expenditure by the Agricultural Extension Services of the Land-Grant Colleges in such states. The Resolution also provides that the expenditure of funds so apportioned shall be in accordance with agreements entered into between the War Food Administrator and the Extension Services. In the original apportionment of funds it is proposed to allocate \$250,000 to the State of Illinois. These funds will require no offset, and therefore concurrence by the General Assembly is not necessary. If accepted by the University, they will be handled through the University Treasurer, in the same way as other Federal funds paid directly to the University.

The Dean of the College of Agriculture and Director of the Agricultural Extension Service recommends that the Board of Trustees approve the acceptance of these funds and authorize the execution of a cooperative agreement with the War Food Administrator of the United States Department of Agriculture covering the service to be rendered in carrying out the purpose of this Resolution.

On motion of Mr. Jensen, these recommendations were adopted.

PURCHASE OF LIBRARY MATERIALS ABROAD

(23) The Director of the Library recommends that the University participate in a plan for the purchase by American libraries of ephemeral material related to World War II now being produced in Europe. Such material quickly disappears and probably will not be available after the war. The plan is sponsored by the Joint Committee on Importations, representing seven national library associations, which would send a representative to some point in Europe where he could collect the materials. He has permission from the State Department to go abroad, and from the Treasury Department to take \$25,000 for these purchases and expenses.

If the University of Illinois participates, it will have to pay its allotment in advance. The Senate Library Committee recommends an assignment of \$5,000 (from funds already appropriated for library acquisitions) for this purpose, and the Director of the Library approves. The Comptroller has outlined the stipulations necessary to protect the University's interests, and agreement to them would be required of the Joint Committee. The materials collected and purchased would be divided among the participating libraries in proportion to their contributions; and if the full amount contributed is not expended or is not represented by material allocated to the University of Illinois, the unused share of its contribution would be returned.

I recommend that the Board authorize participation in this plan and the advance of \$5,000, or as much thereof as may be needed, for this purpose under conditions and procedures to be specified by the Comptroller.

On motion of Mr. Karraker, this advance was authorized as recommended.

QUARTERLY REPORT OF THE COMPTROLLER

(24) In accordance with the provisions of the University Statutes, the Comptroller presents his quarterly report as of March 31, 1943. A summary of the principal facts in the report appears on the first few pages.

I recommend that this report be referred to the Finance Committee.

Mr. Morey commented on this report.

On motion of Mr. Jensen, this report was referred to the Finance Committee.

CURRICULUM FOR TRAINING WOMEN STUDENTS AS ENGINEERING AIDES

(25) Pratt & Whitney Aircraft, Division of United Aircraft Corporation, has been negotiating with the University to establish a curriculum for the training of college women as engineering aides. A representative of this company visited the University recently, conferred with a number of University officials, and also interviewed a number of women students. It appears quite likely that such a training program can be established. The curriculum will include 13 hours of elementary chemistry, 13 hours of elementary and intermediate physics, 9 hours of elementary mathematics, and 16 hours of elementary and advanced engineering subjects. It will cover a full calendar year, or three terms of 16 weeks. The program will be designed primarily for women who are seniors or graduates. The College of Liberal Arts and Sciences and the College of Agriculture have agreed to approve this special curriculum as a substitute for the last three semesters of their general curricula.

Those who complete this training will be given employment by Pratt & Whitney Aircraft, and as engineering aides they will replace men in various lines of work. Pratt & Whitney Aircraft will grant scholarships to women who are admitted to this program. These scholarships will cover all fees and will provide allowances to the students for books and supplies, board and room, laundry and incidentals; and also an allowance to the University to pay a part of the cost of the instruction.

I recommend that the Board approve this plan and authorize the appropriate University officers to complete the negotiations.

On motion of Mrs. Grigsby, this plan was approved and authority was granted as recommended.

LAND ACQUISITION AT URBANA AND CHICAGO

(26) The Director of the Physical Plant Department has submitted through the Comptroller certain proposals for acquisition of additional parcels of property in both Urbana and Chicago needed to provide for future expansion. The Comptroller is of the opinion that consideration could be given to the acquisition of some of these properties during the current biennium.

I recommend that the report be referred to the Committee on Buildings and Grounds for its consideration and recommendation to the Board at the next meeting.

On motion of Mr. Jensen, this recommendation was adopted.

ADDITION TO CONTRACT FOR REFRIGERATION SYSTEM IN RESEARCH AND EDUCATIONAL HOSPITALS

(27) On January 23, 1943 (Minutes, page 239), the Board approved a contract, in the amount of \$3,395.60, with the Burge Ice Machine Company, for the installation of refrigeration equipment in the Research and Educational Hospitals, to replace the ammonia central refrigeration system now in operation. Due to uncertainty whether funds would be available, the original contract did not include the drinking water system. It is now found that funds will be available within the biennial appropriation to extend the new installation to include the drinking water system in the entire Hospital, thus completely eliminating the present brine system. *Unless this is done it appears that it will be necessary to leave the drinking water system without cooling, or to install unit coolers, neither of which would be satisfactory.*

The Burge Ice Machine Company has submitted a proposal for the new refrigeration system for drinking water at a fixed price of \$1,550. This figure has been checked and approved by the Physical Plant Department.

The Director of the Physical Plant Department and the Comptroller recommend that this addition be made to the contract with the Burge Ice Machine Company. I recommend approval.

Mr. Morey presented this matter.

On motion of Mr. Davis, this addition to the contract was authorized.

EXECUTIVE SESSION

At this point, the Board went into executive session to consider additional recommendations of the President of the University and reports of committees.

RELATION OF ACCELERATED PROGRAM IN MEDICINE TO MEDICAL LICENSING REQUIREMENTS

(28) The Executive Dean of the Chicago Colleges calls attention to a problem which confronts graduates of the College of Medicine under the accelerated program of instruction. This program was adopted at the request of the United States Army and Navy to increase the supply of physicians and surgeons for the armed forces as well as for the civilian needs of the country. Under the accelerated program of instruction, which was accomplished by utilization of the summer months, formerly vacation periods for all medical students, it has been possible to shorten the overall time covered by the medical curriculum from a total of approximately 45 months to 36 months. This has involved no reduction in the total number of teaching hours for the entire curriculum; on the contrary, there has been an increase in the actual quantity of instruction.

One of the requirements for admission to the medical licensing examinations is that the time elapsing between the beginning of the first year and the ending of the fourth year in a medical college shall be not less than 40 months. Unless the situation is remedied it will deny graduates of the College of Medicine the right to practice medicine in Illinois. This same situation confronts all the medical schools in Illinois.

I recommend that the Board authorize officials of the University to take such steps as may be necessary in cooperation with other medical schools for dealing with this problem.

This matter was referred to the Committee on General Policy for conference with the State Department and report to the President of the University.

RETIREMENT SYSTEM BENEFITS FOR STAFF MEMBERS ENTERING WAR SERVICE

(29) The Board of Trustees of the University Retirement System of Illinois has asked the institutions in the System to consider the plan of accepting resignations from members of their staffs who go into military or other war service, with promise of reemployment instead of granting them leaves of absence without salary.

The reason for this request is the increase in the risk for death and disability benefits resulting from the large number of leaves of absence granted for war service. It is the judgment of the Retirement System Trustees that since all individuals entering war service are entitled to protection against such risks from the Government, it is not essential that they also have the protection of the Retirement System during the period of such service.

The only way the Retirement System benefits can be suspended is to terminate employment. The Trustees of the System suggest that this can be done through an understanding between the institutions and the individual concerned that he will be reemployed subject to his physical and mental ability to resume work.

The proposal appears to involve possibilities of injustice to staff members already on leave pursuant to a policy approved by the Board of Trustees of the University of Illinois. These staff members entered the service of the country in one capacity or another with the understanding that the leaves of absence granted would not operate to deprive them of any of the benefits of membership on our staff except suspension of salary. Technically, they are staff members, and under a contract of employment which cannot be terminated except in the circumstances defined in the statutes, no matter what changes of policy the Board of Trustees may adopt. If these staff members were now asked to resign, they would be confronted with the choice of alternatives, namely, to withdraw from Federal service, which in most cases is a practical impossibility, or to sever completely their connection with the University, under an agreement that they

would be reemployed at some indefinite time in the future. The validity of such an agreement might be open to question.

The Retirement System Trustees make the point that all persons entering war service are entitled to protection for these risks furnished by the Federal Government, the implication being that it is therefore not essential that they also have the protection of the Retirement System while on leave. While this is true of those in military and naval service, many staff members on leave are engaged in important war work in civilian capacities, and such persons do not have the benefit of any special protection.

The act creating the Retirement System of Illinois makes it obligatory for the institutions named to participate in the System, and it likewise provides that all eligible employees as of September 1, 1941, *shall* participate in the system. There is no provision in the law for the withdrawal either of an employer or of an employee, by contract or otherwise, so long as the staff member is a qualified employee by the definition of the act. In asking an employee to resign we are in effect resorting to coercion in order to deprive a person who in spirit is supposedly, and is intended to be, entitled to the benefits of the law.

In many cases private employers who have established retirement systems for their employees do not require them to surrender their rights when they are given leaves of absence for war service, but on the contrary maintain their participation in the benefits of such private systems.

If a notice were sent to all staff members of the University now on leave for war service, whether in the armed forces or elsewhere, requesting their resignation, the University would in my opinion be open to public criticism for not carrying out its agreement and for adopting a policy which is hardly conducive to maintenance of the morale of those of its staff members who are in the armed services. Under the circumstances, I recommend that the Board of Trustees do not adopt the plan suggested by the Board of Trustees of the Retirement System.

On motion of Mr. Davis, it was voted that a leave of absence for military service in the future, or an extension of a present leave, to a participant in the University Retirement System, shall be granted only on the condition that he agree to permit the Retirement System to effect on his life a National Service Life Insurance policy with the Veterans Administration of the United States in the approximate amount of the additional death benefit to which his beneficiary may be entitled from the University Retirement System of Illinois, such insurance, to the extent that it covers the additional death benefit, to be accepted by the participant in lieu thereof, the premiums on such insurance to be paid by the Retirement System; provided, that all other employers under the Retirement System take similar action.*

On motion of Mr. Davis, the leaves of absence for war service listed on pages 323 and 324 were granted subject to the above conditions.

BUDGET FOR 1943-1945

(30) A statement on the appropriations recommended for the University for 1943-1945 as reported to the General Assembly by the Governor in the State Budget.

Mr. Morey presented the details of this matter.

The President of the Board was requested to take up this matter with the Governor.

CIVIL SERVICE SALARY AND WAGE POLICY

(31) A statement from the Comptroller on the policy on wages and salaries of civil service employees.

Mr. Morey presented this matter.

This matter was referred to the Committee on Civil Service and Employees for study and recommendation to the Board.

*This action was rescinded in the meeting of August 31, 1943, page 509.

REQUEST FOR SERVICES OF PROFESSOR DONALD W. KERST

(32) The War Department has requested the University to release Professor Donald W. Kerst, of the Department of Physics, for services on a project which is considered of major importance to the war effort. The character of this work cannot be revealed because of the extremely secret nature of the project on which the War Department wishes Professor Kerst to serve. The request for his release originally came from the Office of the Chief of Engineers and is now being made by the Secretary of War, who urges Professor Kerst's release.

About a year and a half ago when Professor Kerst returned to the University from a leave of absence without pay granted him so that he could develop his betatron at the General Electric Company, he agreed to stay at the University for several years to develop the betatron project. He recognizes that obligation and has every intention of fulfilling it. Therefore, any decision regarding his release has been, and still is, in the hands of University officials. The original request for Professor Kerst's release was not approved; but because the request now comes from the Secretary of War, who asks that it be presented to the Board of Trustees, I am so doing.

On motion of Dr. Luken, Mr. Davis and President Willard were authorized and requested to represent the Board in conferences with the War Department looking to the retention of Professor Kerst in his present position.

**REPORT OF EXECUTIVE COMMITTEE MEETING
OF APRIL 23, 1943**

At this point, the Secretary presented for record the minutes of a meeting of the Executive Committee:

The Executive Committee of the Board of Trustees of the University of Illinois met at the University Club, in Chicago, at noon Friday, April 23, 1943. Present: Mr. Park Livingston (Chairman), Mr. Chester Davis, and Mr. Frank A. Jensen, members of the Committee; President A. C. Willard; and Judge Sveinbjorn Johnson, University Counsel.

Fees of Sears and Short

The Executive Committee considered the matter of determining the fees to be paid to Messrs. B. F. Sears and C. F. Short in the recent mandamus proceedings in the Supreme Court as referred to the Committee by the Board on March 20, 1943 (Minutes, page 314).

On motion of Mr. Jensen, an advisory committee of three members was created, to be chosen from past-presidents of the State and Chicago Bar Associations and ex-justices of the Supreme Court of Illinois, to advise the Executive Committee on the matter of legal fees requested by Messrs. Sears and Short for legal services rendered in the case of *The People ex rel. The Board of Trustees of the University of Illinois, Petitioners, v. George F. Barrett, Attorney General, et al., Respondents*.

On motion of Mr. Davis, the Executive Committee voted to select this advisory committee from the following panel: Mr. John D. Black, Mr. Benjamin Wham, Mr. Herbert M. Lautmann, Mr. Charles P. Megan, Mr. William D. Knight, Judge Warren H. Orr, Mr. Floyd Thompson, Mr. Elwyn R. Shaw.

Coal Contracts Awarded

The Executive Committee considered the following letter from President Willard.

April 16, 1943

Honorable Park Livingston, <i>Chairman</i>	} Executive Committee of the Board of Trustees
Honorable Chester R. Davis	
Honorable Frank A. Jensen	

GENTLEMEN:

The Comptroller and the Purchasing Agent recommend the purchase of approximately 5,000 tons of Westville screenings coal from the Peabody Coal Company, to be placed in storage for future use. In order to take advantage of the price offered, it is necessary that the coal be purchased immediately and deliveries completed before the end of April.

Last year the University purchased coal for storage, bringing its stock up to 17,000 tons. This stock was used during the season to the extent that there is remaining 9,000 tons. In view of conditions in the coal and transportation industries, it is desirable to maintain ample storage and again build up the stock before another winter.

The following quotations (ton prices at mines) were secured by the Purchasing Agent:

	<i>Price at Mine</i>	<i>Freight</i>	<i>Delivered Cost</i>
Peabody Coal Company—			
Washed Screenings.....	\$2 40	\$0 63	\$3 03
Globe Coal Company—			
Bunsonville 2" Mine Run	2 35	0 84	3 19
Southern Coal Company—			
Pana Lump.....	2 40	1 23	3 63

The Globe Coal Company and the Peabody Coal Company operate in the Danville District, in which the freight rate is lower than in any other district. The Globe Company offered 2" mine run from the Bunsonville (U. S. Steel) Mine at \$2.35 a ton at the mine, but the present rate from that mine is 84¢ as against 63¢ from the Peabody Mine in the same vicinity. Action is being taken to have this rate lowered. The Southern Coal Company, St. Louis, Missouri, operates from a mine at Pana, Illinois, from which point there prevails the next lowest freight rate on coal shipped to Urbana, which is \$1.23 a ton. This company offers 6" lump at \$2.40 a ton, but the freight rate makes the delivered price much higher than the Peabody screenings.

The Comptroller and the Purchasing Agent recommend the purchase of 100 cars of washed screenings from the Peabody Coal Company for the following reasons:

1. It is advisable to have an ample stock of coal on hand. If this coal is bought we will have approximately 14,000 tons May 1st.

2. The quality of this coal is good for storage, and tests and previous use have shown it to be more efficient than other coal available at comparable prices.

3. It is unlikely that this coal or any other will be available in the future at as low a price. This price is higher than we paid for the same coal in 1942, which was \$2.00 a ton, but due to the demand the ceiling price is being changed generally. When a new mine wage agreement is reached the ceiling price probably will be raised. The Peabody Coal Company agrees to fill this order at \$2.40 a ton, regardless of adjusted prices.

I concur in these recommendations.

Since this is an emergency matter, I am submitting it to the Executive Committee for such action as it may wish to take. As indicated above, it will be necessary to purchase the coal and complete deliveries before the end of April in order to secure this coal at the price offered.

Sincerely yours,
A. C. WILLARD
President

On motion of Mr. Davis, this contract was awarded to the lowest bidder as recommended.

The Executive Committee adjourned.

H. E. CUNNINGHAM, *Clerk*

PARK LIVINGSTON, *Chairman*
CHESTER R. DAVIS
FRANK A. JENSEN

Mr. Davis reported further that the advisory committee on legal fees, consisting of Judge Warren H. Orr, Mr. Herbert M. Lautmann, and Mr. Benjamin Wham, had met in Chicago on April 26, with Judge Johnson and Messrs. Sears and Short present, and had reported a unanimous agreement in writing that the fees of Messrs. Sears and Short be fixed at \$15,000.

On motion of Mr. Davis, this report was accepted and the fee fixed as recommended, the President of the University was authorized to take whatever steps might be needful to effect payment, and the Secre-

tary was instructed to communicate to the members of the advisory committee an expression of the thanks of the Board for their generous contribution of services.

REPORT OF FINANCE COMMITTEE RECOMMENDING CHANGES IN INVESTMENTS

Mr. Karraker presented the following report of the Finance Committee:

The First National Bank of Chicago, investment counsel of the University, advises that the following securities have been called for payment:

\$23,000 Wilson & Co., 4% of 1955; book value 101.7; called at 104.

1,000 Puget Sound Power and Light, 5½% of 1949; book value 100; called at 101½.

The First National Bank also recommends sale of the following securities:

Endowment Fund Investments—

\$20,000 Virginia Railway, 3¾%, 1966; book value 103.5; market at 109.

1,000 U. S. Treasury, 1%, 9/15/43; book value par; market at 100.8.

925 Home Owners Loan Corp., 1½%, 1947-45; book value par; market at 101.6.

Student Loan Funds—

\$50,000 Reconstruction Finance Corp., 1⅛%, 7/15/43; book value 100.42; market at 100.5.

Deposit Funds—

\$25,000 U. S. Treasury, 3¾%, 1945-43; book value 104.31 (yield 1.4); market at 101.13.

Replacement of a portion of the proceeds of the foregoing sales will be made from security lists previously approved. The First National Bank recommends the following additions to the approved list, to enable reinvestment of funds resulting from the above sales:

For Endowment Funds—

\$15,000 Wilson & Co., 3%, 1958, at par.

\$10,000 Puget Sound Power & Light Co., 1st 4¼%, 1972, at 104½.

For Student Loan Funds—

\$50,000 U. S. Treasury, certificates of indebtedness, 7%, April 1, 1944, at par.

For Deposit Funds—

\$25,000 U. S. Treasury, 2%, 1954-50, at par.

The Finance Committee recommends approval of the foregoing schedule of sales and purchases. These recommendations have been reviewed and approved by Mr. I. L. Porter, Treasurer of the University.

On motion of Mr. Karraker, these recommendations were adopted.

REPORT OF COMMITTEE ON PATENTS

Dr. Luken presented the following report of the Committee on Patents:

The Committee on Patents met at the Illini Union Building, in Urbana, at 6:30 p.m. on Wednesday, April 28, 1943. Present: Dr. Luken (Chairman) and Mr. Davis, members of the Committee; President Livingston, Mr. Fornof, and Mr. Jensen, members of the Board; President Willard, Mr. Morey, Judge Johnson, Mr. Janata, Dean Gray, Mr. Colvin, and the Secretary.

Patents to Be Assigned to the Foundation

On motion of Mr. Davis, the Committee on Patents voted (the Committee on General Policy concurring) to recommend to the Board that it be made the policy of the Board to assign patents owned by the University to the University of Illinois Foundation for management, development, and promotion.

Fellows Patent on Furnace

On motion of Mr. Davis, the Committee on Patents voted to recommend that the Board concur in a recommendation of the University of Illinois Foundation that a license be issued to the Majestic Company, Huntington, Indiana, for commercial use of the Fellows patent, so far as it applies to furnaces, giving that company exclusive sales rights in Michigan, Ohio, Indiana, and Illinois, with a royalty to the Foundation of $2\frac{1}{2}$ per cent. This contract may be terminated by either party after six months' notice. The Foundation was requested to continue negotiations with the Majestic Company to effect relicensing arrangements in favor of Illinois manufacturers.

Porcelain Vacuum Tube for Betatron

On motion of Mr. Davis, the Committee on Patents voted to recommend to the Board that it follow a recommendation of the Faculty Committee on Patents that Professor G. M. Almy and Professor R. K. Hursh apply for a patent, to be assigned to the University, on their discovery of a porcelain vacuum tube to be used in the Kerst betatron.

Patentable Discoveries by Staff Members

On motion of Mr. Davis, the Committee on Patents voted to recommend that the Board concur in the following recommendations of the Faculty Committee on Patents.

The Faculty Committee on Patents submits the following report and recommendations on patentable discoveries made by members of the staff:

1. Discovery by Dr. H. R. Snyder, Assistant Professor of Chemistry, relating to the use of quarternary ammonium salts as carbon-alkylating agents on numerous compounds, such as active methylene compounds. Both Doctor Snyder and Professor C. S. Marvel, of the Organic Chemistry Division, feel that this is rather hypothetical and probably of little value. Professor W. C. Rose, Acting Head of the Department of Chemistry, does not believe this would be a good risk and recommends release of the discovery to the inventor.

The Faculty Committee concurs in this recommendation and recommends to the Board of Trustees that the discovery be released to Doctor Snyder.

2. Discovery by John R. Elliott, graduate student in Chemistry, and Professor C. S. Marvel, relating to the condensation of formaldehyde with glycine amide. Professor Rose considers this process a little more valuable than the preceding but regards it as too undeveloped to constitute a good risk for the University. Professor Marvel stated he would not consider it a good personal risk. It is possible that some company in the field of plastics might take it up; however, there is much competition in the field, with thousands being developed.

The Faculty Committee recommends to the Board of Trustees that the discovery be released to the discoverers.

3. Development by Dr. D. T. Englis, Associate Professor of Chemistry, of an improvement in the process for producing syrup from the Jerusalem artichoke, originally developed by Dr. Ulrich Heubaum, a former member of the Chemistry Department. The University owns the original patent. Industry is interested in the process, and it is due to this interest that the improvement was developed. It is believed that bringing the patent up to date will not involve substantial expense. The success of the present development of the process commercially will depend upon how long the war lasts; if sugar becomes more scarce this process will become more valuable. Professor Roger Adams, under whom Doctor Heubaum worked when he developed his process, has recommended that the University apply for a patent on the improvement, and Professor Rose concurs.

The Faculty Committee recommends to the Board of Trustees that the process be patented, unless the cost of patenting runs too high.

4. Process for producing light-weight insulating refractory brick, developed by Messrs. Ralph E. Grim, F. L. Cuthbert, and H. W. Allaway, of the State Geological Survey staff, this discovery resulting from a research investigation sponsored by the University of Illinois, the Geological Survey, and the Clay Products Association. Under the contract, the University must decide whether it will apply for a patent, and in case it does, the Clay Products Association will receive preferential consideration as a prospective licensee. Dr. A. I. Andrews, Professor and Head of the Department of Ceramic Engineering, feels

that the development has not gone far enough to justify application for a patent. Dean M. L. Enger of the College of Engineering recommends that the University do not apply for a patent.

The Faculty Committee is of the opinion that no action should be taken until an attempt has been made to secure further development of the process.

The Committee on Patents adjourned.

H. E. CUNNINGHAM, *Clerk*

MARTIN G. LUKEN, *Chairman*
CHESTER R. DAVIS

On motion of Dr. Luken, the recommendations of the Committee on Patents were adopted.

REPORT OF COMMITTEE ON GENERAL POLICY

Mr. Davis presented the following report:

The Committee on General Policy met at the Illini Union Building, in Urbana, at 7:30 p.m. on Wednesday, April 28, 1943. Present: Mr. Davis (Chairman), Mr. Jensen, and Dr. Luken, members of the Committee; President Livingston and Mr. Fornof, members of the Board; President Willard, Judge Johnson, Mr. Morey, Dean Gray, Mr. Janata, Mr. Colvin, and the Secretary.

President Willard made a statement concerning the Kilgore bill (Senate Bill 702, introduced by Senator Kilgore on February 11 and entitled "To Mobilize the Scientific and Technical Resources of the Nation and to Establish an Office of Scientific and Technical Mobilization, and for other purposes"), and asked Professor H. M. Gray, Assistant Dean of the Graduate School, to comment on the possible effects and implications of the bill. Judge Johnson read a proposed amendment, intended to insure and preserve the scientific and administrative autonomy of institutions like the University of Illinois, while inviting cooperation with the Federal enterprise, but on a voluntary basis.

After discussion, on motion of Mr. Jensen, the Committee on General Policy voted to recommend that the Board request President Willard to study this matter and to keep the Board advised of further developments as they arise.

The Committee on General Policy adjourned.

H. E. CUNNINGHAM, *Clerk*

CHESTER R. DAVIS, *Chairman*
FRANK A. JENSEN
MARTIN G. LUKEN

On motion of Mr. Davis, this report was adopted.

REPORT OF COMMITTEE ON CIVIL SERVICE AND EMPLOYEES

Mr. Jensen presented the following report:

The Committee on Civil Service and Employees met at the Illini Union Building, in Urbana, at 8:30 p.m. on Wednesday, April 28, 1943. Present: Mr. Jensen (Chairman) and Mr. Fornof, members of the Committee; President Livingston, Mr. Davis, and Dr. Luken, members of the Board; President Willard, Mr. Morey, Judge Johnson, Mr. Havens, Mr. Janata, and the Secretary.

Mr. Jensen made a statement concerning an informal meeting of the Committee on April 16, asked Mr. Livingston to cover the record of the negotiations arising from the request of the janitors for payment of time and one-half for Sunday work in accordance with the ruling of the Board on July 14, 1939 (Minutes, pages 371-373), and presented a recommendation of the Committee on Civil Service and Wages of the faculty and employees dated April 16, 1943.

After full discussion, on motion of Mr. Fornof, action on the recommendation was deferred, and the faculty and employees committee was requested to study the matter again and to make further recommendations; pending which, the *status quo* should be preserved.

The Committee adjourned.

H. E. CUNNINGHAM, *Clerk*

FRANK A. JENSEN, *Chairman*
JOHN R. FORNOF

On motion of Mr. Jensen, this report was received for record.

TREASURER'S BOND

The Secretary reported the receipt of the bond of Mr. Irvin L. Porter as Treasurer, in the sum of \$1,000,000 as directed by the Board, bearing the same sureties as in the case of former Treasurer Frank M. Gordon. The bond bears the endorsement of the University Counsel.

COOPERATING TEACHERS

The Secretary presented also for record the following list of school teachers and administrators cooperating with the College of Education, for the second semester of the academic year 1942-1943, appointed by the President of the University on April 9, 1943.

<i>Champaign Public Schools</i>	<i>Salary</i>	<i>Urbana Public Schools (Cont'd)</i>	<i>Salary</i>
EUGENE H. MELLON.....	.....	A. H. LAUCHNER.....	.....
CARL W. ALLISON.....	.....	SARAH A. MINER.....	10 00
ELEANOR CHAFFEE.....	.....	CLARA E. RENFREW.....	50 00
HARRY A. COMBES.....	\$ 22 50	BELLE V. SOUTH.....	5 00
ELAINE R. ENGSTROM.....	25 00	FLOSSIE WILEY.....	.....
CLELIA A. HARLAND.....	25 00	MARTHA R. SMITH.....	25 00
HELEN S. JENISTA.....	50 00	MRS. IRIS YAEGER.....	25 00
EDNA MEADOWS.....	25 00	ELIZABETH NAGLE.....	10 00
MENDEL L. RILEY.....	5 00	CLARA LOUISE SLACK.....	25 00
LUCILE A. STANSELL.....	75 00	RUTH HARRIS.....	10 00
MRS. HELEN K. STARK.....	100 00	LOUISE McNUTT.....	25 00
BEULAH H. SWIGART.....	50 00	MRS. MARY V. McDUGGLE..	35 00
ROY W. SWINDELL.....	13 75	AUSTIN E. GARRELS.....	60 00
ARNOLD L. THOMASSON.....	.....	ADA B. SMITH.....	30 00
JAMES L. SISK.....	.....	LEWIS STEPHENS.....	80 00
JAMES A. COTTLE.....	15 00		
MARION K. KENNY.....	25 00	<i>St. Mary's School</i>	
MRS. LOUISE M. KUEHN.....	25 00	SISTER ANNA LUCILE DUNN..	25 00
J. ROBERT TAYLOR.....	5 00		
MRS. RUTH H. THOMPSON....	50 00	<i>Amboy Township High School</i>	
AVICE F. LEE.....	.....	O. W. FUNKHOUSER.....	.....
MARY HELEN BESORE.....	25 00	O. C. HOLT.....	25 00
BARBARA STIEGEMEYER.....	.....	
NOLA KANNMACHER.....	25 00	<i>Fisher Community High School</i>	
MURIEL C. O'MALIA.....	25 00	MAURICE E. FOREMAN.....	.....
MARJORIE ROLOFF.....	.....	M. J. SCOTT.....	25 00
MARY F. HALL.....	25 00		
MARYESTHER JACKSON.....	31 66	<i>Joliet Township High School</i>	
MARVINA JACKSON.....	25 00	ROOSEVELT BASLER.....	.....
ETTA NEBLOCK.....	6 67	E. W. ROWLEY.....	37 50
MRS. ALMA RIGNEY.....	6 67		
LESTER R. MOYER.....	.....	<i>Olney Township High School</i>	
HARRIETT ROSE.....	10 00	J. H. CHERRY.....	.....
		L. T. CLARK.....	25 00
<i>Urbana Public Schools</i>			
THOMAS H. COBB.....	.....	<i>Sadorus Community High School</i>	
STANLEY B. HADDEN.....	.....	MARY E. IBALL.....	.....
CLARK E. YOUNG.....	.....	MRS. HAZEL H. HASTY.....	100 00
HELEN L. BERGER.....	100 00		
ELEANOR BUCK.....	25 00	<i>St. Joseph Community High School</i>	
JAMES C. EASTERBROOK.....	40 00	GERALD Y. TRIMBLE.....	.....
MRS. ETHEL D. HAMILTON...	25 00	HELEN HERRIOTT.....	100 00
MARIEN HARMISON.....	25 00		
ABE L. HORNOR.....	25 00	<i>Tolono Community High School</i>	
LOLA D. McCLURG.....	50 00	VICTOR G. JEWELL.....	.....
DICIE ANN MOORE.....	25 00	ALICE E. ANDERSON.....	100 00
SUSAN H. WOOD.....	25 00	M. F. DEMUNN.....	50 00

GRADUATE SCHOLARS AND FELLOWS

The Secretary presented also for record the following list of graduate scholars and fellows appointed by the President of the University on March 31, 1943.

Urbana Departments	Terms of 1943-1944*	Scholarship Stipend	Fellowship Stipend
<i>Animal Nutrition</i>			
MILDRED LAVERN BRICKER.....	S.F.W.	.....	\$862 50
<i>Bacteriology</i>			
FERNE LOIS WILSON.....	F.W.	.....	700 00
<i>Botany</i>			
SALESKA R. PEDERZOLLI.....	S.F.	\$350 00	.....
LILLIAN L. PIEPER.....	F.W.	.....	575 00
POLLYANNA POZNIKO.....	F.W.	350 00	.....
<i>Ceramic Engineering</i>			
HOWARD R. SWIFT.....	F.W.	.....	700 00
<i>Chemistry</i>			
CLARK E. ADAMS.....	S.F.W.	.....	862 50
BETTY ANN BAILEY.....	F.W.	350 00	.....
FRED BASOLO.....	S.	.....	350 00
BARBARA A. BOWERSOX.....	F.W.	350 00	.....
MAX EUGENE CHIDDIX.....	S.	.....	350 00
MARVIN DEN HERDER, JR.....	F.W.	.....	575 00
JOHN D. GARBER.....	S.	.....	350 00
MARTHA B. GOODLOE.....	F.W.	350 00	.....
WILLIAM J. HAINES.....	S.	.....	350 00
MARY O. HILLIS.....	F.W.	.....	700 00
GEORGE L. HUMPHREY.....	F.W.	350 00	.....
HARRY F. KAUFFMAN, JR.....	S.F.	.....	700 00
MARIE B. KNOBELOCH.....	F.W.	350 00	.....
GLENN FREDERICK LAMBERT.....	S.F.	.....	700 00
JOHN SAWYERS MEEK.....	F.W.	.....	575 00
GEORGE P. MUELLER, III.....	S.	.....	350 00
JEAN K. PARDEE.....	F.W.	350 00	.....
ROBERT H. REITSEMA.....	S.F.W.	.....	862 50
CURTIS WILLIAM SMITH.....	S.	.....	350 00
QUENTIN F. SOPER.....	S.F.	.....	700 00
IRIS MARGARET WEMPEN.....	F.W.	350 00	.....
HERMAN I. ENOS, JR. (Eli Lilly Company Fellowship).....	F.W.	.....	750 00
IRVING R. HOOPER (DuPont Company Fellowship).....	F.W.	.....	750 00
RALPH S. LUDINGTON (Allied Chemical and Dye Corporation Fellowship).....	S.F.	.....	750 00
SIDNEY MELAMED (Abbott Laboratories Fellowship).....	F.W.	.....	750 00
NORMAN K. SUNDHOLM (Allied Chemical and Dye Corporation Fellowship).....	S.F.	.....	750 00
ZENO W. WICKS, JR. (Eastman Kodak Company Fellowship, for one year from July 1, 1943).....	S.F.W.	.....	1 000 00
<i>Civil Engineering</i>			
CHU-KIA WANG.....	F.W.	.....	700 00
<i>Economics</i>			
WALTER KRAUSE.....	S.F.	.....	575 00
LEONARD G. MATHY, JR.....	S.F.W.	.....	862 50
<i>Education</i>			
MADALYN G. HARRIS.....	F.W.	350 00	.....
MARGARET CLARE McMANUS.....	F.W.	350 00	.....

*Terms of the year for Urbana departments are abbreviated as follows:
S.—Summer, four months beginning June 1, 1943. F.—Fall, four months beginning Oc-
tober 1, 1943. W.—Winter, four months beginning February 1, 1944.

Urbana Departments (continued)		Terms of 1943-1944*	Scholarship Stipend	Fellowship Stipend
<i>English</i>				
ANNA E. BUDNA	F.W.	\$350 00	.....	.....
DAVID J. CORNELL	F.W.	.....†	.....	.....
EDITH M. HARROD	F.W.	.....†	.....	.....
ANNA B. LAUGHBAUM	F.W.	350 00	.....	.....
MARGUERITE LITTLE	F.W.	350 00	.....	.....
NANCY M. LYTLE	F.W.	350 00	.....	.....
EARL L. OLIVER	S.F.W.	.....	\$862 50	.....
MARGARET E. SCHILLER	F.W.	.....	700 00	.....
MARY I. SHAFFER	F.W.	.....†	.....	.....
JANET L. WOOD	F.W.	350 00	.....	.....
<i>French</i>				
ROSALINE ROXANE KANE	F.W.	350 00	.....	.....
RUBY R. LEES	F.W.	.....	575 00	.....
<i>German</i>				
ANNA F. ODOR	F.W.	.....	700 00	.....
<i>History</i>				
ROBERT V. ALLEN	F.W.	.....†	.....	.....
DORIS A. CANHAM	F.W.	350 00	.....	.....
JOSEPHINE L. HARPER	F.W.	.....	575 00	.....
PAUL G. HUBBARD	F.W.	350 00	.....	.....
MILDRED M. PRINE	S.F.	350 00	.....	.....
<i>Library Science</i>				
ANNE ETHELYN MARKLEY (Katharine L. Sharp Scholarship)	F.W.	300 00	.....	.....
<i>Mathematics</i>				
BETTY E. ALEXANDER	F.W.	350 00	.....	.....
KATHLEEN E. BUTCHER	S.F.W.	.....	862 50	.....
FELICE H. DAVIDSON	S.F.	350 00	.....	.....
HELEN FRIEND	F.W.	350 00	.....	.....
FRANCES V. MORFOOT	F.W.	350 00	.....	.....
KJERSTI RUTH SWANSON	F.W.	350 00	.....	.....
<i>Music</i>				
CLAIRE LARUE RICHARDS	F.W.	350 00	.....	.....
<i>Physical Education</i>				
MABEL B. KEMPF	F.W.	350 00	.....	.....
SARAH PATRICIA WATKINS	F.W.	350 00	.....	.....
<i>Physics</i>				
HERMAN WILLIAM KOCH	S.F.	.....	700 00	.....
ROSALYN IRMA SUSSMAN	F.W.	.....	700 00	.....
A. AARON YALOW	S.F.	.....	700 00	.....
<i>Sociology</i>				
MARJORIE H. SIBLEY	S.F.W.	.....	862 50	.....
<i>Spanish</i>				
EVELYN E. UHRHAN	F.W.	350 00	.....	.....
RUTH J. UHRHAN	F.W.	350 00	.....	.....
<i>Zoology</i>				
ELIZABETH ANDERSON	F.W.	.....	575 00	.....
MARJORY A. MERRILL	F.W.	350 00	.....	.....
Chicago Departments				
<i>Orthodontia</i>				
MANUEL H. ORTIZ	4 quarters†	.....	1 200 00	.....
<i>Surgery</i>				
STEPHEN JOHN CHESSE	4 quarters§	.....	1 200 00	.....

*Terms of the year for Urbana departments are abbreviated as follows:
 S.—Summer, four months beginning June 1, 1943. F.—Fall, four months beginning Oc-
 tober 1, 1943. W.—Winter, four months beginning February 1, 1944.

†Without stipend, but with exemption from tuition fees.

‡For one year beginning September 1, 1943.

§For one year beginning July 1, 1943.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record the following list of appointments made by the President of the University.

ADAMS, MRS. ALICE KIMPEL, Junior Clerk-Stenographer in the Business Office, beginning March 27, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred ten dollars (\$110) a month (this supersedes her previous appointment). (March 26, 1943)¹

ALEXANDER, MELANCTHON HERBERT, Associate in Dairy Husbandry, in the College of Agriculture and in the Agricultural Experiment Station, for four months beginning May 1, 1943, at a salary at the rate of two hundred fifty dollars (\$250) a month. (April 22, 1943)

ARMSTRONG, MARY PARALEE, Assistant Clerk-Stenographer in the Department of Dairy Husbandry, in the Agricultural Experiment Station, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of eighty-five dollars (\$85) a month. (April 7, 1943)

BARRY, MRS. KATHRYN MACLENNAN, Assistant Dietitian in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred twenty-three dollars (\$123) a month; for her convenience she will also be provided with two meals daily, valued at two hundred sixteen dollars (\$216) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

BAUDIN, MAURICE CHARLES, JR., Assistant in English, beginning March 15, 1943, and continuing through June 30, 1943, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (March 20, 1943)

BECKERS, MARY CLAUS, Assistant Dietitian in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred ten dollars (\$110) a month; for her convenience she will also be provided with room, board, and laundry, valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

BRAGG, DOROTHY JANE, Junior Clerk-Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, subject to University Civil Service rules, beginning March 23, 1943, and continuing through June 30, 1943, at a salary at the rate of one hundred five dollars (\$105) a month, and beginning July 1, 1943, and continuing through August 31, 1943, at a salary at the rate of one hundred fifteen dollars (\$115) a month (this supersedes her previous appointment). (April 7, 1943)

BUTTS, MARY LUCILLE, Assistant Clerk-Typist in the Catalog Department of the Library, beginning April 19, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of eighty-five dollars (\$85) a month. (April 19, 1943)

CAMERON, MRS. LOIS WENDT, Senior Account Clerk in the Chicago Business Office, beginning March 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary of one hundred thirty-five dollars (\$135) a month (this supersedes her previous appointment). (April 2, 1943)

CARROLL, RUTH M., Assistant Director of Nursing Service in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred thirty-five dollars (\$135) a month; for her convenience she will also be provided with room, board, and laundry valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

CHICKRIS, MRS. CLEO PETERSEN, Assistant Cashier in the Bursar's Division of the Business Office, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred dollars (\$100) a month. (March 26, 1943)

COHEN, MEYER BARNEY, Assistant in Anatomy, in the College of Medicine, from March 16 through August 31, 1943, without salary. (March 23, 1943)

¹The date in parenthesis is the date on which the appointment was made by the President.

DAVID, HUGO JOHN, Assistant in Speech, beginning February 1, 1943, and continuing through June 30, 1943, at a salary at the rate of one hundred eighty dollars (\$180) a month (this supersedes his previous appointment). (March 23, 1943)

DEWART, DONALD MACLEAN, Special Research Graduate Assistant in the Department of Civil Engineering, in the Engineering Experiment Station, on one-half time, for ten months beginning September 1, 1943, at a salary at the rate of sixty dollars (\$60) a month. (April 6, 1943)

DODD, GLENN ORLIE, Head Animal Caretaker in the Animal Hospital, in the College of Medicine, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (April 7, 1943)

EASTABROOKS, ESTHER, Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred forty-three dollars (\$143) a month; for her convenience she will also be provided with one meal daily valued at nine dollars (\$9) a month, while on duty (this supersedes her previous appointment). (April 22, 1943)

FINNIGAN, MRS. ELLEN E., Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred forty-three dollars (\$143) a month; for her convenience she will also be provided with one meal daily valued at nine dollars (\$9) a month, while on duty (this supersedes her previous appointment). (April 22, 1943)

FLETCHER, MRS. MARY HAMILTON, Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred forty-three dollars (\$143) a month; for her convenience she will also be provided with one meal daily valued at nine dollars (\$9) a month, while on duty (this supersedes her previous appointment). (April 22, 1943)

GOLDBERG, MILTON L., Assistant in Physiology, in the College of Medicine, beginning April 1, 1943, and continuing through August 31, 1943, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (April 6, 1943)

GREENE, DORIS ANN, Junior Clerk-Stenographer in the Office of Public Information, beginning April 14, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred dollars (\$100) a month. (April 13, 1943)

HARDIN, LOIS, Clinic Nurse in the Dispensary, in the College of Medicine, for four months beginning May 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes her previous appointment). (April 23, 1943)

HARWOOD, NANCY LEE, Junior Clerk-Stenographer in the Department of Forestry, in the College of Agriculture, and in the Agricultural Experiment Station, beginning April 11, 1943, and continuing through June 30, 1943, at a salary at the rate of one hundred ten dollars (\$110) a month, and beginning July 1, 1943, and continuing through August 31, 1943, at a salary at the rate of one hundred fifteen dollars (\$115) a month, subject to University Civil Service rules (this supersedes her previous appointment). (April 2, 1943)

HASTINGS, JOHN THOMAS, Technical Director of High School Testing Service and Associate in Education and Personnel, beginning April 1, 1943, and continuing through August 31, 1943, at a salary at the rate of two hundred twenty-five dollars (\$225) a month. (March 29, 1943)

HAUSSER, LUCILLE ROSETTA, Assistant Clerk-Typist in the Department of Agronomy, in the College of Agriculture, and in the Agricultural Experiment Station, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of ninety dollars (\$90) a month. (March 23, 1943)

HEDGES, MRS. MILDRED BALL, Senior Account Clerk in the Residence Halls, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred thirty dollars (\$130) a month (this supersedes her previous appointment). (March 24, 1943)

HELLBERG, HILDUR C., Dietitian in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred fifty dollars (\$150) a month; for her convenience she will also be provided with room, board, and laundry, valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

HILL, IRIS LORRAINE, Supervisor of Central Supply, in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred fifty-two dollars (\$152) a month; for her convenience she will also be provided with one meal daily valued at nine dollars (\$9) a month, while on duty (this supersedes her previous appointment). (April 22, 1943)

HOUSE, ROBERT MARTIN, Assistant in Physiology, in the College of Medicine, beginning July 1, 1943, and continuing through August 31, 1943, at a salary at the rate of one hundred fifty dollars (\$150) a month. (April 6, 1943)

HUBACH, ROBERT ROGERS, Assistant in English, beginning March 15, 1943, and continuing through June 30, 1943, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (March 20, 1943)

HULL, BETTY LYNNE, Assistant Clerk-Stenographer in the Acquisition Department of the Library, beginning April 19, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of eighty-five dollars (\$85) a month. (April 19, 1943)

JACOBSON, MILTON, Assistant in Physiology, in the College of Medicine, on one-half time, beginning April 1, 1943, and continuing through June 30, 1943, at a salary at the rate of fifty dollars (\$50) a month. (April 1, 1943)

JAREO, JACK W., Continuity Writer in the Public Information Office, beginning March 22, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred seventy-five dollars (\$175) a month. (March 20, 1943)

JOHNSON, MARY ADELINE, Assistant Clerk-Typist in the Radio Station, for four months beginning May 1, 1943, subject to University Civil Service rules, at a salary at the rate of ninety dollars (\$90) a month. (April 17, 1943)

JOHNSON, RALPH HARRY, Instructor in Physical Education for Men, on three-fourths time, and Counselor in the Personnel Bureau, on one-fourth time, for three months beginning April 1, 1943, at a salary at the rate of two hundred twenty dollars (\$220) a month, and Varsity Tennis Coach, for two months beginning April 1, 1943, at a salary of two hundred dollars (\$200), to be paid by the Athletic Association, for which the University assumes no responsibility (this supersedes his previous appointment). (April 9, 1943)

KRATOVL, MRS. FRANCES OBADAL, Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred forty-three dollars (\$143) a month; for her convenience she will also be provided with one meal daily valued at nine dollars (\$9) a month, while on duty (this supersedes her previous appointment). (April 22, 1943)

LAIRD, MRS. ANN LUCILLE, Director of Nursing Service in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred eighty-five dollars (\$185) a month; for her convenience she will also be provided with room, board, and laundry, valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

LANE, MRS. HELEN, Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred forty-three dollars (\$143) a month; for her convenience she will also be provided with one meal daily valued at nine dollars (\$9) a month, while on duty (this supersedes her previous appointment). (April 22, 1943)

LESLIE, DOROTHY MARION, House Manager of the Men's Residence Halls, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred fifty dollars (\$150) a month; for the convenience of the University she will also be provided with meals when the dining room is in operation, and laundering of uniforms, while on duty (this supersedes her previous appointment). (April 2, 1943)

LINK, BEATA A., Assistant Dietitian in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred dollars (\$100) a month; for her convenience she will also be provided with room, board, and laundry, valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

LONCHAR, ANGELA MARY, Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one thousand three hundred ninety-two dollars (\$1392) a year; for her convenience she will also be provided with room, board, and laundry valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

LOWE, DORIS JEAN, Assistant Clerk-Stenographer in the Personnel Bureau, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of eighty-five dollars (\$85) a month. (April 10, 1943)

LOWELL, VIRGINIA MAUD, Assistant in English, beginning March 15, 1943, and continuing through June 30, 1943, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes her previous appointment). (March 20, 1943)

LUBITZ, JOSEPH MORTON, Instructor in Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, beginning April 1, 1943, and continuing through August 31, 1943, without salary. (April 1, 1943)

MARKS, ARLYN, Personnel Secretary in the Bursar's Division of the Business Office, beginning March 18, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of two hundred dollars (\$200) a month (this supersedes his previous appointment). (March 23, 1943)

MATTINGLY, RITA JANE, Assistant Clerk-Stenographer in the Department of Horticulture, in the Agricultural Experiment Station, for four months beginning May 1, 1943, subject to University Civil Service rules, at a salary at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (April 26, 1943)

MACLAY, KATHERINE, Assistant House Manager in the Nurses' Home, in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of ninety dollars (\$90) a month; for her convenience she will also be provided with room, board, and laundry valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

MAXWELL, HARRY PEPPER, Assistant in Neurology and Neurological Surgery, in the College of Medicine, for one year beginning September 1, 1943, without salary. (April 2, 1943)

MCDONALD, OWEN GERARD, Assistant in Surgery (Rush), in the College of Medicine, beginning April 1, 1943, and continuing through August 31, 1943, without salary. (April 6, 1943)

McKENDRY, RUTH, Medical Social Worker in the Department of Psychiatry, in the College of Medicine, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of two thousand one hundred dollars (\$2100) a year (this supersedes her previous appointment). (April 6, 1943)

METZGER, WILLIAM IRWIN, Instructor in Bacteriology and Public Health, in the College of Medicine, beginning April 1, 1943, and continuing through August 31, 1943, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (March 20, 1943)

MIX, MRS. MARGARET STANDERLINE, Assistant Dietitian in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred twenty-three dollars (\$123) a month; for her convenience she will also be provided with two meals daily valued at two hundred sixteen dollars (\$216) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

MOORE, STANLEY GREGORY, Senior Medical Technologist, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine, be-

ginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred seventy-five dollars (\$175) a month (this supersedes his previous appointment). (April 7, 1943)

NOREN, MRS. FRANCES EVELYN, Assistant Laboratory Assistant in the Department of Oral and Plastic Surgery, in the College of Dentistry, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (April 2, 1943)

OEHMKE, CHARLES McDONALD, Assistant Tabulating Machine Supervisor in the Tabulating Division of the Business Office, for four months beginning May 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred seventy-five dollars (\$175) a month. (April 27, 1943)

PORTER, MRS. HELEN BRUNDZA, Assistant in Home Economics, in the College of Agriculture, on one-fourth time, beginning April 1, 1943, and continuing through June 30, 1943, at a salary at the rate of thirty dollars (\$30) a month (this supersedes her previous appointment). (April 19, 1943)

RADEK, ANTOINETTE, Assistant Director of Nursing Service, in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred twenty-five dollars (\$125) a month; for her convenience she will also be provided with room, board, and laundry, valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

SINCLAIR, EILEEN MARIE, Research Assistant in Psychiatry, in the College of Medicine, for five months beginning April 1, 1943, without salary. (April 9, 1943)

SINGER, MORSE BERYL, Assistant in Mechanical Engineering, in the College of Engineering, beginning April 1, 1943, and continuing through June 30, 1943, at a salary at the rate of two hundred fifty dollars (\$250) a month. (March 23, 1943)

SMITH, WANDA LEE, Assistant Clerk-Typist in the Accounting Division of the Business Office, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (March 26, 1943)

SNYDER, THELMA MAY, Junior Account Clerk in the Department of Agricultural Economics, in the Agricultural Experiment Station, for four months beginning May 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred fifteen dollars (\$115) a month (this supersedes her previous appointment). (April 26, 1943)

STINE, ALPHA Q., Assistant Dietitian in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred forty-two dollars (\$142) a month; for her convenience she will also be provided with two meals daily valued at two hundred sixteen dollars (\$216) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

STOBART, KENNETH MAYNARD, Assistant in the Hospital Laboratory, in the College of Medicine, for five months beginning April 1, 1943, at a salary at the rate of one hundred seventy-five dollars (\$175) a month (this supersedes his previous appointment). (April 19, 1943)

TAYLOR, LESLIE, Cashier in the Chicago Business Office, beginning March 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (April 2, 1943)

TORDELLA, JOHN PETER, Special Research Assistant in Chemistry, on one-half time, beginning February 1, 1943, and continuing through June 30, 1943, at a salary at the rate of sixty-five dollars (\$65) a month (this supersedes his previous appointment). (April 2, 1943)

TURNER, LUCILE, Library Assistant in the Catalog Department of the Library, for four months beginning May 1, 1943, subject to University Civil Service rules, at a salary at the rate of one thousand seven hundred dollars (\$1700) a year (this supersedes her previous appointment). (April 23, 1943)

TUTUNJIAN, KHACHER HORSAP, Assistant in Psychiatry, in the College of Medicine, for four months beginning May 1, 1943, without salary. (April 19, 1943)

TYSTAD, MARGARET, Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred sixteen dollars (\$116) a month; for her convenience she will also be provided with room, board, and laundry valued at four hundred thirty-two dollars (\$432) a year, while on duty (this supersedes her previous appointment). (April 22, 1943)

WASCHER, MARGARET, Assistant Clerk-Stenographer in the Registrar's Office, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of eighty-five dollars (\$85) a month. (April 6, 1943)

WELCH, ADELAIDE, Supervising Nurse in the Research and Educational Hospital, for five months beginning April 1, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred forty-three dollars (\$143) a month; for her convenience she will also be provided with one meal daily valued at nine dollars (\$9) a month, while on duty (this supersedes her previous appointment). (April 22, 1943)

WELCH, MRS. MARY E., Junior Clerk-Stenographer in the Department of Chemistry, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (April 2, 1943)

WELTIN, EDWARD GEORGE, Assistant in History, on one-half time, beginning March 8, 1943, and continuing through June 30, 1943, at a salary at the rate of fifty dollars (\$50) a month (this supersedes his previous appointment). (March 20, 1943)

WILLIAMS, WILLIAM ROSWELL, Senior Purchasing Assistant in the Chicago Business Office, beginning March 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of two hundred twenty-five dollars (\$225) a month (this supersedes his previous appointment). (March 23, 1943)

WILLIAMSON, LELAND WILLIAM, Storekeeper in the Office Supply Storeroom, beginning April 1, 1943, and continuing through August 31, 1943, subject to University Civil Service rules, at a salary at the rate of one hundred sixty dollars (\$160) a month (this supersedes his previous appointment). (March 20, 1943)

RESIGNATIONS AND DECLINATIONS

The Secretary presented also for record the following list of resignations and declinations.

ALEXANDER, BETTY E., Scholar in Mathematics—declination effective October 1, 1943.

ALLEN, MRS. JANET HOUSER, Assistant Clerk-Typist in the Registrar's Office—resignation effective April 11, 1943.

AMERMAN, JOHN DENHOLM, Junior Accountant in the Physical Plant Department—resignation effective at the close of business, February 18, 1943.

ARGABRITE, JOHN WILLIAM, Graduate Assistant in Pharmacy, in the College of Pharmacy—resignation effective April 12, 1943.

BAGAASON, OBIE KENNETH, Animal Caretaker in the Animal Hospital, in the College of Medicine—resignation effective April 1, 1943.

BERGMANN, MRS. ROBERTA, Assistant Clerk-Typist in the Department of Operative Dentistry, in the College of Dentistry—resignation effective at the close of business, April 14, 1943.

BERNSOHN, MRS. NORMA, Assistant Clerk-Stenographer in the Department of Agronomy, in the College of Agriculture, and in the Agricultural Experiment Station—resignation effective at the close of business, July 24, 1942.

BONNELL, MILDRED, House Manager of the Men's Residence Halls and Assistant in Home Economics, in the College of Agriculture—resignation effective April 1, 1943.

BOWERSOX, BARBARA A., Scholar in Chemistry—declination effective October 1, 1943.

BROWN, WILBERT OTHO, Associate in Pathology, in the Department of Pathology, Bacteriology, and Public Health, in the College of Medicine—resignation effective May 1, 1943.

BUTCHER, KATHLEEN E., Fellow in Mathematics—declination effective June 1, 1943.

CARLSON, EUNICE G., Junior Laboratory Assistant in the Department of Anatomy, in the College of Medicine—resignation effective April 1, 1943.

DAVIDSON, FELICE H., Scholar in Mathematics—declination effective June 1, 1943.

DEWART, DONALD MACLEAN, Special Research Graduate Assistant in the Department of Civil Engineering, in the Engineering Experiment Station—declination effective September 1, 1943.

ELLISON, MRS. ESTELLE COLLIER, Junior Clerk-Stenographer in the Department of Horticulture, in the College of Agriculture, and in the Agricultural Experiment Station—resignation effective May 7, 1943.

GEE, VERNON R., Graduate Assistant in the Department of Pharmacy, in the College of Pharmacy—resignation effective April 1, 1943.

GOODLOE, MARTHA B., Scholar in Chemistry—declination effective October 1, 1943.

HERDA, MATTHEW GEORGE, Assistant in Chemistry—resignation effective April 1, 1943.

HOLLAND, DANIEL A., Graduate Assistant in the Department of Chemistry, in the College of Pharmacy—resignation effective March 22, 1943.

HOUSTON, MILDRED F., Assistant Clerk-Stenographer in the Office of the Dean of the College of Engineering—resignation effective March 26, 1943.

HUMPHREY, GEORGE L., Scholar in Chemistry—declination effective October 1, 1943.

KABERG, RUSSELL A., Assistant in Bacteriology—resignation effective May 1, 1943.

KEMPF, MABEL B., Scholar in Physical Education—declination effective October 1, 1943.

KRAUSE, WALTER, Fellow in Economics—declination effective June 1, 1943.

MARIENFELD, CARL JOSEPH, Assistant in Physiology, in the College of Medicine—resignation effective April 1, 1943.

MAY, GEORGES CLAUDE, Assistant in French—resignation effective April 8, 1943.

MORFOOT, FRANCES V., Scholar in Mathematics—declination effective October 1, 1943.

PARDEE, JEAN K., Scholar in Chemistry—declination effective October 1, 1943.

PIEPER, LILLIAN L., Fellow in Botany—declination effective October 1, 1943.

POZNIKO, POLLYANNA, Scholar in Botany—declination effective October 1, 1943.

PRINE, MILDRED M., Scholar in History—declination effective June 1, 1943.

RAPALAS, MRS. WILMA M., Assistant Clerk-Typist in the Extension Service in Agriculture and Home Economics—resignation effective April 1, 1943.

REESER, MRS. IRMA WHITAKER, Assistant Clerk-Stenographer in the Purchasing Division of the Business Office—resignation effective May 1, 1943.

RICHARDS, CLAIRE LARUE, Scholar in Music—declination effective October 1, 1943.

RUSSELL, WINIFRED A., Junior File Clerk in the Admitting Clinic, in the College of Dentistry—resignation effective March 25, 1943.

SHAEFFER, LOTTIE MAE, Senior Clerk-Stenographer in the Department of Forestry, in the College of Agriculture, and in the Agricultural Experiment Station—resignation effective April 11, 1943.

SMITH, EDWIN LEE, Instructor in Physiology, in the College of Medicine—resignation effective April 1, 1943.

THUMAN, MRS. HELEN H., Junior Clerk-Stenographer in the Business Office—resignation effective at the close of business, March 22, 1943.

UHRHAN, EVELYN E., Scholar in Spanish—declination effective October 1, 1943.

UHRHAN, RUTH J., Scholar in Spanish—declination effective October 1, 1943.

WATKINS, SARAH PATRICIA, Scholar in Physical Education—declination effective October 1, 1943.

WEMPEN, IRIS M., Scholar in Chemistry—declination effective October 1, 1943.

ZIMMERMAN, JOHN RICHMAN, Assistant in Physics, in the College of Engineering—resignation effective April 1, 1943.

SALE OF ROSELAWN CEMETERY LOTS

The Secretary presented for record the following report of the sale of lots in Roselawn Cemetery since the last report of such sales.

<i>Date</i>	<i>Description</i>	<i>Purchaser</i>	<i>Sale Price</i>
4-8-1943	NW¼ Lot 151, Section G	John E. Clark	\$105

DEGREES CONFERRED MARCH 26, 1943, IN CHICAGO

The Secretary presented also for record the following list of degrees conferred March 26, 1943, in Chicago.

Summary	
College of Dentistry:	
Doctor of Dental Surgery.....	1
College of Medicine:	
Bachelor of Science in Medicine.....	10
Doctor of Medicine.....	142
<i>Total, College of Medicine.....</i>	<i>152</i>
Graduate School—Chicago Departments:	
Master of Science.....	9
<i>Total, Degrees Conferred March 26, 1943, in Chicago.....</i>	<i>162</i>
Résumé Since Last Commencement:	
Degrees Conferred in August, 1942, Urbana and Chicago.....	519
Degrees Conferred in October, 1942, Urbana and Chicago.....	149
Degrees Conferred in December, 1942, Chicago.....	6
Degrees Conferred in February, 1943, Urbana.....	492
<i>Total, Degrees Conferred Since Commencement (June 12, 1942)....</i>	<i>1,328</i>

GRADUATE SCHOOL**Degree of Master of Science**

<i>Bacteriology</i>	<i>Pathology</i>
VIVIAN NOSKIN, B.S., Northwestern University, 1942	SIDNEY GUY STERN, B.S., University of Chicago, 1939
<i>Chemistry</i>	<i>Pharmacognosy</i>
DANIEL A. HOLLAND, B.S., 1941	ANTHONY FRANCIS DEROSE, B.S., 1941
IGNATIUS JOSEPH KASKI, B.S., 1936	
ROBERT GEORGE MARTINEK, B.S., 1941	
<i>Medicine</i>	<i>Physiology</i>
CLIFFORD HENRY PETERS, B.S., M.D., 1937, 1939	FRANK BRIAN CLARE, B.S., 1941
	CHARLES HENRY CRESS, JR., B.S., 1941

COLLEGE OF DENTISTRY**Degree of Doctor of Dental Surgery**

VICTOR THOMAS WECLEW

COLLEGE OF MEDICINE**Degree of Bachelor of Science in Medicine**

HAROLD BALIKOV	PHYLLIS THERESE MRAZEK, A.B., 1939;
ROBERT ELLIS CHASE	with Honors
HARRY ROY FRIEDMAN	LESTER AUGUST NALEFSKI, B.S., 1934;
JAMES WALTER HAMILTON	with Honors
DONALD CAMERON LAMONS	CARL EUGENE PRUETT
SALVADORE ALPHONSE LASK	HARRY KENNETH WADDINGTON; with Honors

Degree of Doctor of Medicine

- ALBERT ROBERT ALLEN, B.S., 1941
 HARRY RICHARD APPEL, B.S., 1941
 EDWARD LEROY ASKREN, JR., B.S.,
 M.S., Kansas State College,
 1936, 1937
 ROBERT LEE ATKINSON, B.S., Illinois
 Wesleyan University, 1939
 HAROLD BALIKOV
 ROSE LEE BALLINE, B.S., 1941
 GEORGE BARNETT, A.B., B.S., 1940, 1941
 SAMUEL HARRIS BARRON, JR., B.S., 1941
 LUCIAN BAUMAN, B.S., 1941
 VERLIN GUY BAYSINGER, A.B., Bradley
 Polytechnic Institute, 1938
 CELSUS ELLIOTT BEGUESSE, B.S., 1941
 IRVIN STEPHEN BELGRADE, B.S., 1941
 JOSEPH SAMUEL BEREZ, B.S., 1941
 HAROLD LOUIS BOCK, B.S., 1941
 BOYNTON HOOKER BOOTH, A.B., 1939
 JOSEPH LECOMPTE BORDENAVE
 FREDERICK AFTON BROWN, A.B., Uni-
 versity of Wisconsin, 1941
 MARVIN RAY BRUMME, B.S., 1942
 ROBERT CARSON BUTZ, B.S., University
 of Wisconsin, 1940
 IRWIN ROBERT CALLEN, B.S., 1941
 HOWARD CARRINGTON, B.S., 1941
 FRANK BRIAN CLARE, B.S., 1941
 WALTER CREEL CLOWERS, B.S., 1940
 PHILIP EDWARD COCAGNE, B.S., 1941
 FRANK ANTHONY COCUZZI, B.S., Lewis
 Institute, 1939
 HAROLD SAMUEL COHAN, B.S., 1940
 ISADORE COHEN, B.S., 1941
 JERRE CHURCHILL COLLINS, JR., B.S.,
 1941
 JAMES AUSTIN COSS, JR., A.B., Morn-
 ingside College, 1937; B.S., Uni-
 versity of South Dakota, 1939
 PETER JOHN COTSIRILOS
 CHARLES HENRY CRESS, JR., B.S., 1941
 JEROME HAROLD DIAMOND, B.S.,
 Central Y.M.C.A. College, 1939
 IRVING HOWARD DISTELHEIM, B.S.,
 Lewis Institute, 1939
 IRWIN DVORE, B.S., 1940
 LEROY MAGNUS EKSTRAND, A.B., Lake
 Forest College, 1938
 MORRIS FACTOR, B.S., 1941
 ALFRED LEON FEIN, B.S., University of
 Chicago, 1939
 HAROLD MORRIS FEINBERG, B.S., 1941
 BENJAMIN J. FELDMAN, B.S., 1941
 BURNELL FISCHER, A.B., James
 Millikin University, 1939
 VICTOR P. FISHMAN, B.S., 1941
 JEROME FORMAN, B.S., 1941
 ROBERT WILLIAM FOULKE, B.S., Lewis
 Institute, 1939
 SANFORD ASHER FRANZBLAU, A.B.,
 B.S., M.S., 1939, 1941, 1942; with
 Honors
 SHERVERT HUGHES FRAZIER, B.S., 1941
 HARRY ROY FRIEDMAN
 ERNEST DAN GEEVER, B.S., 1942
 ROBERT FLOYD GILLILAND, A.B., B.S.,
 University of North Dakota, 1941
 CLARKE EDWARD GINTHER, A.B.,
 Central Y.M.C.A. College, 1940;
 B.S., 1941
 THEODORE KARL GLEICHMAN, JR., B.S.,
 1941
 GEORGE GERALD GREEN, B.S., 1940
 WILLARD ARTHUR GUYTON, JR., B.S.,
 1941; with Honors
 JOHN DANIEL HARDINGER, B.S., 1940
 WILLIAM HAMILTON HART, B.S., 1941
 ELSIE LOUISE HAUG, A.B., 1940
 JOHN FRANCIS HELMER, B.S., Univer-
 sity of Notre Dame, 1938
 EDWARD JOHN HRUSKA, B.S., 1941
 ELMER WILLIAM IMMERMAN, B.S.,
 Northwestern University, 1939
 HOWARD LEE ISENBERG, B.S., 1941
 CHESTER DAVID JOHNSON, A.B.,
 Augustana College, 1939; with
 Honors
 FERNLY ELDO JOHNSON, B.S., 1941; with
 Honors
 MILTON MITCHELL KADIN, B.S., 1941
 ALFRED FRANK KANDBINDER, B.S.,
 1941
 WILLIAM PAUL KANNE, B.S., Lewis
 Institute, 1939
 SHERMAN ELI KAPLITZ, B.S., 1941
 HAROLD ROBERT KOFF, B.S., University
 of Chicago, 1939
 BERNARD JULIUS KORN, B.S., 1941
 ALVIN R. KRAUS, B.S., 1941
 IRVING SANFORD KRAUSE, B.S., 1941
 GEORGE KRIEGMAN, A.B., 1939
 HELEN FELICIA JOAN KRYSA, B.S.,
 Northwestern University, 1939
 ALICE ROSENTHALL KULASAVAGE, A.B.,
 Indiana University, 1939
 WILLIAM CARLTON LAFORGE
 DONALD CAMERON LAMONS
 CHARLES TASH LANE, B.S., A.B.,
 1936, 1939
 MARGARET MARY LANE, B.S., Univer-
 sity of Chicago, 1941
 SALVADORE ALPHONSO LASK
 JEROME YSROAEL LETTVIN, B.S., 1942
 ALFRED JOSEPH LIPSEY, B.S., 1941
 EDWARD FRANCIS LIS, B.S., 1941; with
 Honors
 IRWIN MELVIN MARCUS, B.S., 1941

- CARL JOSEPH MARIENFELD, A.B., Lake Forest College, 1938; with Honors
 HENRY OAKES MARSH, JR., B.S., Elmhurst College, 1939
 SIDNEY MASEL, B.S., 1942
 MAX MASLOVITZ, B.S., 1938
 JAMES ALEXANDER McDONALD, B.S., Wheaton College, 1938
 JOSEPH GRANT MERRILL, A.B., DePauw University, 1939; with Honors
 SIDNEY STANLEY MEYERS, B.S., 1941
 GIRARD YALE MILLS, B.S., Lewis Institute, 1939
 HYMAN RUBIN MORRIS, B.S., 1941
 CHARLES TAYLOR MOSS, JR., B.S., 1942
 PHYLLIS THERESE MRAZEK, A.B., 1939; with Honors
 PAUL JEAN MURISON
 LEO FRANCIS NARUT, A.B., State University of Iowa, 1939; B.S., 1941
 G. ALAN NEUFELD, B.S., 1941
 EUGENE AARON NOSKIN, B.S., 1941
 OTTO JOHN NOVOTA, B.S., 1942
 DAVID NUSBAUM, B.S., 1941
 COLMAN JEROME O'NEILL, B.S., 1941; with Honors
 GILMAN CALDWELL PAYNTER, B.S., 1940
 ROBERT WILLIAM PELATOWSKI, B.S., 1940
 EVERETT ROLAND THEODORE PETERSON, A.B., Augustana College, 1936
 SAMUEL PEVSNER, B.S., 1940
 CARL EUGENE PRUETT
 GORDON WELD REYNOLDS, A.B., University of Wisconsin, 1940
 HARRY EMORY RICE, A.B., Maryville College, 1938
 SYLVIA KAY ROBBINS, B.S., Central Y.M.C.A. College, 1939
 PAULINE ODESSA ROBERTS, B.S., University of Chicago, 1939
 MAURICE J. ROSENTHAL, B.S., 1941
 ALEXANDER RUGGIE, B.S., 1941
 MELVIN RAYMOND SALK, B.S., M.S., University of Chicago, 1937, 1938; with Honors
 HERVEY JOHN SANNAN, A.B., University of Montana, 1938
 ANTHONY ROSARIO SAPIENZA, B.S., 1940
 EVERETT WILLIAM SCHAEFFER, A.B., North Central College, 1937
 MORTON SCHAFFRAN, B.S., 1941
 ALLEN SCHULTZ, B.S., 1941
 NATHAN SHECHTER, B.S., 1940
 ELI SHULRUFF, B.S., 1941; with Honors
 ALFRED LEWIS SIEGEL, B.S., 1941; with Honors
 NOAH HERMAN SLOAN, B.S., Lewis Institute, 1939
 SIDNEY ROBERT SMALL, B.S., 1941
 MENAHEM STEINBERG, B.S., 1941
 BRADFORD EZRA STEINER, B.S., Wheaton College, 1939
 SIDNEY GUY STERN, B.S., University of Chicago, 1939
 JOHN CHESTER STEWART, A.B., Dartmouth College, 1939
 JEAN LEWIS STOELTING, A.B., Indiana State Teachers College, 1938
 JEROME MARVIN SWARTS, B.S., University of Chicago, 1939
 DAVID D. TUROW, B.S., 1941
 JEROME LEON UNGERLEIDER, B.S., 1941
 DAN ANINO VALENTI, B.S., Monmouth College, 1938
 GEORGE PETER VLASIS, B.S., 1941
 EARL ANTHONY VONDRASEK, A.B., 1939
 HARRY KENNETH WADDINGTON; with Honors
 PHILIP WARSAW, B.S., 1938
 WILLIAM MEYER WATENMAKER, B.S., 1941
 CARL WILHELM WEIDENHEIM, B.S., Northwestern University, 1936
 HARRY RICHARD WEIL
 HAROLD RICHARD WEISS, B.S., 1941
 RICHARD FOSTER WHITLOCK, B.S., 1940
 SAM DONALD WILENSKY, B.S., 1941
 RAYMOND CONRAD DAVID YOUNGBERG
 VICTOR JOHN ZIELINSKI, B.S., 1941

The Board adjourned, to meet on call of President Livingston.

H. E. CUNNINGHAM
Secretary

PARK LIVINGSTON
President