

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

July 16, 1937



The July meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10:00 a.m. (Chicago Daylight Saving Time) on Friday, July 16, 1937.

The following members were present: President Karraker, Mr. Adams, Mr. Cleary, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb.

President Willard was present; also Mr. Lloyd Morey, Comptroller, Judge Sveinbjorn Johnson, University Counsel, Director C. S. Havens, and Mr. A. J. Janata, Assistant to the President.

SECRETARY, PRO TEMPORE

On motion of Mr. Adams, Mr. Janata was elected Secretary *Pro Tempore*, to serve in the absence of Mr. H. E. Cunningham.

MINUTES APPROVED

The Secretary *Pro Tempore* presented the minutes of the meeting of June 9, 1937.

On motion of Mr. Mayer, the minutes were approved as printed on pages 272 to 298 above.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

LEGISLATION AFFECTING THE UNIVERSITY

(1) The following report on the various measures before the Sixtieth General Assembly affecting the University:

I. Biennial Appropriation

A. Budget.—The biennial budget for 1937-1939, originally approved by the Board on October 26, 1936, and submitted to the Department of Finance on November 1, 1936, was reduced, by action of the Board on May 3, by a total of \$1,250,000 in that amount of the budget coming from State tax revenues. This revised budget was adopted by the Board on May 13. It provided for a total of \$15,149,632, of which \$11,154,102 represented income from State tax revenues, \$295,530 Federal grants, and \$3,700,000 the appropriation of the Revolving Fund of the University's income from fees and other sources.

The appropriation bills representing this budget were introduced in the House on May 19 (H.B. No. 942) and in the Senate on May 25 (S.B. No. 483). The Senate bill was passed first and was sent to the House on June 10.

A substitute appropriation bill (H.B. No. 956) was introduced in the House on May 19 by Representative A. B. Lager of Carlyle. This bill called for an appropriation of \$804,568 less than the reduced budget of the Board of Trustees. It differed from the University bill in two other respects: it did not provide for an automatic adjustment in the allocations from the University of Illinois (Mill Tax) Fund and the General Revenue Fund, which was deemed necessary by the Board; and it failed to include provisions for the payment of retiring allowances and death benefits. Both bills were considered by the Committee on Appropriations on June 23. The Committee rejected the substitute bill and voted to recommend to the House that the Trustees' bill pass. On June 29, when the bill was on second reading in the House, the sponsor of the substitute bill offered four amendments to make the Trustees' bill conform to his bill. These amendments were tabled by a vote of more than two to one, and the bill was passed without amendment on June 30 by a vote of 134 to 0.

On July 12 the Governor vetoed all of the items for buildings, totaling \$650,000, including an addition to the Library, \$350,000, Agricultural Laboratory Building and remodeling old quarters, \$150,000, and a new unit for Chemistry, \$150,000. This wipes out completely the building program in the original budget as submitted to the Department of Finance, the Board on May 13 having eliminated \$625,000.

Following is the text of the appropriation bill with the Governor's veto message, a certified copy of which is hereby given to the Secretary of the Board for record.

Certificate Number 20477

STATE OF ILLINOIS
OFFICE OF
THE SECRETARY OF STATE

To All to whom these Presents Shall Come, Greeting:

I, Edward J. Hughes, Secretary of State of the State of Illinois, do hereby certify that the following and hereto attached is a true photostatic copy of an Act making appropriations for the University of Illinois and providing for the expenditure thereof, the original of which is now on file and a matter of record in this office.

In Testimony Whereof, I hereto set my hand and cause to be affixed the Great Seal of the State of Illinois. Done at the City of Springfield this 13th day of July, A.D. 1937.

(SEAL)

EDWARD J. HUGHES
Secretary of State

STATE OF ILLINOIS
EXECUTIVE DEPARTMENT
SPRINGFIELD

July 1, 1937

To the Honorable

The Secretary of State:

I herewith file in your office Senate Bill No. 483, entitled "An Act making appropriations for the University of Illinois and providing for the expenditure thereof."

I approve Senate Bill No. 483 except for the following items, which I disapprove and veto:

Page 3, section 3, lines 2 and 3 each inclusive from the top of the page:

"For an addition to the University Library and equipment. \$350,000"

Page 3, section 3, lines 4, 5 and 6 each inclusive from the top of the page:

"For Agricultural Laboratory Building and equipment and remodeling old quarters. \$150,000"

Page 3, section 3, lines 7 and 8 each inclusive from the top of the page:

"For new unit of building for Chemistry and equipment. \$150,000"

My reasons for vetoing these items are as follows:

The total appropriations made for the University for the biennium commencing July 1, 1933 were \$11,594,902. The total for the biennium commencing July 1, 1935 was \$12,195,802. Deducting the vetoed items which, in my opinion, are otherwise provided for, the total for the current biennium is \$14,499,632 or an increase of \$2,203,830 over and above the preceding biennium which should be adequate to provide for the anticipated increased enrollment at the University and for any other necessary items.

The item of \$7,880,000 for salaries and wages in this bill, as well as other items, are in lump sums. The details thereof were never presented to the Governor, although I have heretofore requested them so that I might review and analyse the same as I did in the case of appropriation requests by other branches of State Government.

As near as can be figured the request of the University is approximately \$1,000,000 in excess of what is reasonably required. The amounts presented in this bill being in lump sum and lacking itemization leaves the Governor limited powers of veto as our Constitution provides that all or none of a given item in an appropriation bill may be vetoed.

There is no desire on my part to handicap the University building program.

Section 8 on pages 4 and 5 of this bill appropriates the sum of \$3,700,000 payable from the revolving fund which is in addition to appropriations from the University of Illinois Fund and the General Revenue Fund of the State.

Section 8 reads in part as follows:

"There is appropriated to the University of Illinois for the two years beginning July 1, 1937 for support, salaries and wages, office expense, printing, travel, operation, repairs, equipment, permanent improvements, retirement and death benefits for staff members, medical, surgical and hospital service and compensation for temporary disability under the provisions of the Workmen's Compensation Act in connection with accidents suffered by employees of the University of Illinois, and contingencies, until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of three million, seven hundred thousand dollars (\$3,700,000) payable from the University of Illinois Revolving Fund."

The items that I have vetoed can well be taken from the revolving fund. I express the hope that the Trustees of the University will go through with the building program which is reflected in this appropriation bill to the extent that is necessary.

We have an excellent University and I firmly believe that the high standards of education and maintenance of the University can be satisfactorily sustained on the moneys remaining in the appropriation after my veto.

Should the revenues of the State increase consistent with the demands made upon the Treasury in various directions, the claims of the University, if any, with the claims of other branches of State government for further financial support will be considered by the State.

Except for the items hereinabove mentioned, which I have vetoed, I approve Senate Bill No. 483.

Respectfully submitted,
HENRY HORNER
Governor

AN ACT MAKING APPROPRIATIONS FOR THE UNIVERSITY OF ILLINOIS
AND PROVIDING FOR THE EXPENDITURE THEREOF

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

Section 1. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, for the objects and purposes hereinafter set forth, the sum of ten million, sixty-nine thousand, two hundred dollars (\$10,069,200) payable first out of the University of Illinois Fund to the extent of the amount actually available in that fund at the time of the presentation to the Auditor of Public Accounts of duly itemized, issued, and certified vouchers, except that the Auditor may permit a reasonable working balance to accumulate therein, but otherwise, when the amount actually available in the University of Illinois Fund in addition to such working balance is insufficient to pay such vouchers, as to the remainder of this appropriation, the same shall be payable from the General Revenue Fund:

For salaries and wages.....	\$7 880 000
For office expenses, including printing and publications.....	210 000
For travel.....	40 000
For operation.....	1 000 000
For repairs, equipment, and minor improvements including special assessments.....	939 200
<i>Total</i>	<u>\$10 069 200</u>

The intent of this section is that substantially the entire amount available in the University of Illinois Fund during the period covered by the appropriation herein made shall first be applied to the payment of vouchers chargeable thereto and the part of this appropriation payable from the General Revenue Fund shall equal the aggregate of vouchers for such period in excess of the total sum available in the University of Illinois Fund.

Sec. 2. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of twenty thousand dollars (\$20,000) payable out of the General Revenue Fund for the purpose of constructing buildings at and maintaining the Agricultural Experiment Station in Cook County.

Sec. 3. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of six hundred fifty thousand dollars (\$650,000) payable out of the General Revenue Fund for the following objects and purposes:

For an addition to the University Library and equipment. . . .	\$350 000
For Agricultural Laboratory Building and equipment and re- modeling old quarters.....	150 000
For new unit of building for Chemistry and equipment.....	150 000

Sec. 4. The appropriations made in sections 1, 2, and 3 of this Act shall be subject to all the provisions, conditions, and limitations of an Act entitled, "An Act in relation to State finance," approved June 10, 1919, in force July 1, 1919.

Sec. 5. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1937, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, for the payment of interest on the endowment funds of said University as provided by section 2 of an Act entitled, "An Act to make appropriations for the University of Illinois, and providing for the management of the funds of said University and for the protecting of the interest of the State in connection therewith," approved and in force June 11, 1897, the sum of sixty-four thousand, nine hundred two dollars (\$64,902) or so much thereof as may be necessary under the terms of said Act.

Sec. 6. There is hereby appropriated to the University of Illinois the sum of two hundred ninety-five thousand, five hundred thirty dollars (\$295,530) or so much thereof as shall accrue to the State of Illinois under the provisions of an Act of Con-

*Vetoed.

gress entitled, "An Act to apply a portion of the proceeds of the public lands to the more complete endowment and support of the colleges for the benefit of agriculture and the mechanical arts, established under the provisions of an Act of Congress, approved July 2, 1862," approved August 30, 1890, an Act of Congress entitled, "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," approved March 4, 1907, and an Act of Congress entitled, "An Act to provide for research into basic laws and principles relating to agriculture and to provide for the further development of cooperative agricultural extension work and the more complete endowment and support of land-grant colleges," approved June 29, 1935, during the two years beginning July 1, 1937.

Whenever any portion of said sum shall be received by the State Treasurer from the United States, it shall immediately be due and payable into the treasury of the University of Illinois.

Sec. 7. Upon the order of the President of the Board of Trustees of the University of Illinois, countersigned by its Secretary and with the corporate seal of said University attached thereto, the Auditor of Public Accounts is herewith authorized and directed to draw his warrants on the State Treasurer for the sums appropriated in sections 5 and 6 of this Act.

Sec. 8. There is appropriated to the University of Illinois for the two years beginning July 1, 1937 for support, salaries and wages, office expense, printing, travel, operation, repairs, equipment, permanent improvements, retirement and death benefits for staff members, medical, surgical and hospital service and compensation for temporary disability under the provisions of the Workmen's Compensation Act in connection with accidents suffered by employees of the University of Illinois, and contingencies, until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of three million, seven hundred thousand dollars (\$3,700,000) payable from the University of Illinois Revolving Fund, including but not exceeding in amount the aggregate of any unexpended balance at the end of the biennium and the sum collected by the University and transmitted to the State Treasurer during the ensuing biennium and credited to the University of Illinois Revolving Fund as provided by law.

The appropriation made in this section shall be subject to all the provisions, conditions, and limitations of an Act entitled, "An Act in relation to State finance," approved June 10, 1919, in force July 1, 1919.

JOHN STELLE
President of the Senate
LOUIE E. LEWIS
Speaker of the House

Approved July 1, 1937, except as to the items vetoed in my message of even date herewith attached hereto.

HENRY HORNER
Governor

B. Medical and Dental Equipment Appropriation.—Pursuant to the instructions of the Board, a separate emergency bill (H.B. No. 216), appropriating \$350,000 for equipment for the Medical and Dental College Laboratories Building, was introduced in the General Assembly. This bill was passed on May 18 and approved by the Governor on May 28, 1937.

II. Supplementary Appropriation Bills

A. Journalism Building.—Following the action of the Board of Trustees in eliminating from its original budget an item of \$250,000 for a building for journalism and other subjects, a separate bill (H.B. No. 909) was introduced by Representative James A. Nowlan of Toulon, at the request of the Illinois Press Association, appropriating this amount to the University for a Journalism Building. This bill failed to pass.

B. Dormitories for Men.—As a result of some of the objections which had been raised to the University of Illinois Building Commission bills, a bill appropriating \$200,000 for dormitories for men was introduced by Representative James P. Boyle of Chicago. This bill was not advanced by its sponsors.

III. *Allocation of Moneys from the University of Illinois (Mill Tax) Fund*

Pursuant to the instruction of the Board of Trustees, bills were introduced in the House (H.B. No. 136) and Senate (S.B. No. 50) for an amendment to the State Finance Act to provide for a more dependable system of allocation of funds, since the Mill Tax levy is no longer made against property, but the equivalent amount (which is based upon the total assessed valuation of general property in the State) is credited to the University from the Retailers' Occupation Tax Revenues. This bill was passed by the Senate and recommended by the House Committee on Revenue. Certain objections to this bill were raised by the State Department of Finance, to which the University agreed, and the appropriation bill was altered to meet the situation. Since the needed results were secured in this way the passage of the bill amending the State Finance Act was not pressed.

IV. *University of Illinois Building Commission*

Early in the session bills creating the University of Illinois Building Commission and the companion bills amending existing laws, including the Charter Act of the University, were introduced by authority of the Board of Trustees. These were Senate Bills Nos. 51, 52, 53, and 61 and House Bills Nos. 137, 138, 139, and 145.

These bills had six hearings. They were first before the House Committee on Education, which recommended their passage. In the Senate they were considered by the Committee on Revenue, which likewise recommended their passage. Upon objections raised by certain business interests in Champaign and Urbana these bills were again referred to the Senate Committee on Revenue for a second hearing, at which a special sub-committee was appointed to visit the University and consider the bills in conference with University officials and representatives of the business interests opposing them. The sub-committee spent a full day at the University and in its report recommended passage of the bills. This recommendation was reaffirmed by the Committee on Revenue, and the Senate subsequently passed the bills. When they came to the House, the Senate bills were referred to the Committee on Education, which had previously recommended passage of the corresponding, identical House bills. At this second hearing the bills were referred to a special sub-committee for further consideration. This sub-committee of five members gave the bills and their proponents and opponents a full hearing, following which it recommended their passage by a vote of four to one. A third hearing on the bills was held by the Committee on Education, following which it recommended their passage.

The bills were reported to the House on June 10 and placed on second reading. Certain amendments were desired to meet the objections of a representative of the Department of Finance, who had appeared at two of the hearings opposing the bills. Representatives of the University conferred with the member of the House who was planning to offer the amendments, and a number of amendments acceptable to the University were drafted to meet all of the objections which had been raised. Several efforts were made by the Representative in charge of the amendments and the sponsors of the bills to have the latter called up for amendment and advanced, but the Speaker of the House did not call them. Consequently the House was not given an opportunity to vote on the amendments. Had they been called, it is believed that they would have been passed by the House and concurred in by the Senate.

V. *Auditing and Accounting Bills*

A bill (H.B. No. 519) was introduced giving the State Tax Commission authority to establish accounting systems, provide forms of financial reports, and make audits of tax-spending bodies. The bill was primarily drafted to cover municipalities and other local governments, but its provisions extended to all divisions of the State Government. An amendment was introduced eliminating the University of Illinois from its provisions because of the broad powers of the Commission. The bill, however, failed to pass. Another bill (H.B. No. 1053) was introduced amending the Civil Administrative Code giving the State Department of Finance power to "audit, investigate, review and examine or cause to be audited, investigated, reviewed or examined at any and all times, the accounts, operations and methods of conduct of proceedings of every private corporation, institution, association, board, officer, commission, commissioner, department, arm or agency of the State of Illinois receiving appropriations from the General Assembly." Under existing laws the University

is required to submit a budget to the Department of Finance, and the Department has authority to call on the University, as well as other departments, for any necessary information relating to that budget. Authority to audit the accounts of state departments and institutions is vested by the State Constitution in the Auditor of Public Accounts. The University for many years has provided for audits by independent public accountants, and copies of their reports are filed with the Governor. This bill would have given the Department of Finance extremely broad inquisitorial powers over all elected State officials, including the Board of Trustees. It was passed by the House, but failed to pass in the Senate.

VI. *Additional Scholarships*

A bill (H.B. No. 522) was introduced by Representative Nicholas L. Hubbard of Mt. Pulaski, at the request of one of the county superintendents of schools, increasing the number of County Scholarships in counties having a population of over 40,000. The objections of this bill were explained to the sponsor and he did not press its passage.

VII. *Southern Illinois State Normal University*

A bill (H.B. No. 585) was introduced by Representative C. D. Johnson of Belleville and Representative Sidney Parker of Texico providing that the Southern Illinois State Normal University at Carbondale be made a branch of the University of Illinois and that its management be transferred to the Board of Trustees of the University. The House Committee on Education recommended that this bill be not passed, and it was tabled.

VIII. *Illinois Budgetary Commission*

House Bill No. 662, introduced by Representative James P. Boyle of Chicago, which was passed, establishes the Illinois Budgetary Commission, which consists of the Governor as an *ex-officio* member, the Chairman of the Committees on Appropriations of the Senate and House, two members of the Senate, and two members of the House. This Commission is authorized to make a thorough study and investigation of all State expenditures and income from all sources, to formulate and recommend a plan for the standardization and classification of all salaries and other compensation for services rendered to the State, and to report its recommendation to the Governor not later than September 1 preceding the convening of the next General Assembly. The Commission is required to submit a duplicate of its report to the General Assembly. This bill will undoubtedly affect the University.

IX. *State Employees' Benefit and Retirement Fund*

House Bill No. 906, introduced by Representative Benjamin S. Adamowski of Chicago, providing for a pension system for State employees was introduced late in the session. Sponsors of the bill did not refer it to the University officials, nor discuss it with them, prior to its introduction. As originally drawn, the pension plan would be optional, but the bill was completely redrafted on June 9, and in the amended form it would have included every member of the University's staff and every employee including part-time assistants and student employees. To protect the interests of the University the bill was amended to eliminate the faculty and scientific staff from its provisions, but leaving the way open for the Civil Service staff to be included, if the board which will administer this plan deems it advisable. The plan requires a deduction of five percent from the salary or wage of every employee included and applies to all salaries up to \$3,000.¹

This report was received for record and action on the various matters was deferred until later in the meeting.

REQUIREMENTS FOR ADMISSION TO COURSES IN CHEMISTRY

(2) The anticipated registration in the Department of Chemistry for 1937-1938 is so large that the number of laboratory desks available will not accommodate all of the expected students. Consequently it will be necessary to put into effect measures regulating registrations in courses in Chemistry. The problem was referred to the Committee on Educational Policy for its consideration, in consultation with repre-

¹On July 19, 1937, subsequent to this meeting of the Board, House Bill No. 906 was vetoed by the Governor.

sentatives of the Department of Chemistry, the Registrar, and the Bureau of Institutional Research. Since it will not be possible to have a meeting of the University Senate until after the opening of the University in September, which will be too late to adopt such measures for the first semester, the report of the Committee is being presented directly to the Board.

The Committee recommends that any action taken at this time be considered an emergency measure, applicable only during the first semester of 1937-1938, and that the Department be asked to study the situation and submit recommendations in time for adequate consideration of a permanent policy before the beginning of the second semester. This will doubtless involve consultation with other departments which will be affected. The Committee recommends that, with the exception of the students in the Colleges of Engineering and Agriculture, the registration of sophomores in Chemistry courses, other than the elementary courses open to freshmen, be restricted to students having a grade-point average of 3.2 or higher, and the registration of juniors in Chemistry courses, other than the elementary courses open to freshmen, be restricted to students having a grade-point average of 3.5 or higher, with the provision that the Department be authorized to admit students in each group with lower averages in case these restrictions reduce the registrations below the number that can be accommodated in the laboratories. The Committee further recommends that the Registrar be authorized to approve deferred registration for such students without assessment of the late registration fee.

The Committee recommends that these restrictions do not apply to seniors because it will be difficult, if not impossible, for such students to readjust their programs to meet the requirements for graduation in other curricula or with other majors.

These restrictions will not apply to freshman students (since it is impossible to determine their scholastic average until they have been in the University for at least one semester), and will apply only to the first semester of 1937-1938 pending further study.

I concur in the recommendations of the Committee.

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

REGISTRATION IN COURSES IN JOURNALISM

(3) The Committee on Educational Policy recommends that the Director of the School of Journalism be authorized to regulate the enrollment of students in the courses in Journalism by closing sections in laboratory courses when the registrations have reached the number that can be satisfactorily accommodated with the facilities and staff available, and to discourage the registration of students with scholastic averages of less than 3.0 (or C) from entering the School of Journalism.

While this does not involve a change in the requirements for admission to the School of Journalism, authorization of this procedure is requested to enable the School to deal with the problem of increased enrollment should the enrollment tend to exceed the number of students that can be taught satisfactorily within the available budget.

On motion of Mrs. Plumb, this administrative procedure was authorized.

ALUMNI ASSOCIATION RESOLUTIONS RELATING TO STUDENT UNION BUILDING

(4) At its Sixty-sixth Annual Reunion, held on Saturday, June 12, 1937, the Alumni Association of the University of Illinois adopted two resolutions relating to the proposed student union building, copies of which were transmitted to each member of the Board of Trustees. Copies of these resolutions are hereby given to the Secretary of the Board for record.

On motion of Mr. Cleary, these resolutions were received for record but no action was taken.

REAPPROPRIATION OF UNEXPENDED BALANCE

(5) A recommendation that the unexpended balance of \$3,800 remaining in the appropriation for Power Plant improvements at the end of the fiscal year, June 30, 1937, be reapportioned to the Physical Plant Department for improvements in the electrical distribution system.

On motion of Mr. Moschel, this reapportionment was authorized,

as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO COLLEGE OF EDUCATION

(6) A recommendation that an assignment of \$400 be made from the General Reserve Fund to the College of Education to supplement its expense and equipment budget for the current year.

On motion of Mr. Cleary, this appropriation was made, as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF PHYSICS

(7) A recommendation that an assignment of \$240 be made from the General Reserve Fund to the Department of Physics for the purchase of supplies and equipment needed for a new course in photography (Physics S73) offered by that Department during the 1937 Summer Session. A fee of \$10 per student is charged for this course to cover this expense, the income going into the General Reserve Fund.

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION FOR COLLEGE OF MEDICINE LIBRARY

(8) A recommendation that an appropriation of \$800 be made from the General Reserve Fund to the College of Medicine Library to cover the expenses of packing and shipping the medical library of Dr. A. E. Hertzler of Halstead, Kansas, of 5,000 volumes and 8,000 separates which he has given the University.

On motion of Dr. Meyer, this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO SCHOOL OF PHYSICAL EDUCATION

(9) A recommendation that an assignment of \$2,200 be made from the General Reserve Fund to supplement the expense and equipment budget of the School of Physical Education.

On motion of Mr. Cleary, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

APPROPRIATION TO DEPARTMENT OF DAIRY HUSBANDRY

(10) A recommendation that an additional appropriation of \$826 be made to the Department of Dairy Husbandry from excess receipts of that Department above the budget estimates, for the following purposes:

Wages.....	\$504 00
Equipment.....	322 00
	<u>\$826 00</u>

On motion of Mr. Mayer, this appropriation was made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Mr. Pogue, Mr. Wieland.

RESIGNATION OF DR. VICTOR T. NYLANDER

(11) A report of the resignation of Dr. Victor T. Nylander, Professor and Acting Head of the Department of Operative Dentistry and Director of the Infirmary, effective September 1, 1937.

This report was received for record.

**AUTHORIZATION OF PROFESSOR M. K. FAHNESTOCK TO
RENDER CONSULTING SERVICES**

(12) A recommendation that Professor M. K. Fahnestock, of the Department of Mechanical Engineering, be authorized to render certain consulting services for Purdue University for a period of one year beginning July 1, 1937. The amount of time will not exceed four days in any one month, and his absence from the University will not be more frequent than once every two weeks. In general the work will be performed at scheduled intervals the latter part of the week. This arrangement will be advantageous, not only to Professor Fahnestock professionally, but to the Department of Mechanical Engineering and to the University.

On motion of Mr. Moschel, this arrangement was authorized.

HEADSHIP OF DEPARTMENT OF ZOOLOGY

(13) During the absence of Professor Charles Zeleny a committee consisting of Professors H. J. Van Cleave, Chairman, Waldo Shumway, and V. E. Shelford has been administering the Department of Zoology. It is anticipated that Professor Zeleny will return to his duties, but that it will be advisable to relieve him of administrative duties. I therefore recommend that this committee be authorized to administer the affairs of the department during 1937-1938.

While Professor Zeleny expects to return to active duty, his health may not permit him to devote full time to his work. I recommend that in view of his long period of service he be permitted to continue in his professorship without deduction in salary except for any expense to the University resulting from his disability.

On motion of Dr. Meyer, these recommendations were approved.

LEAVES OF ABSENCE

(14) A recommendation that the following members of the staff be granted leaves of absence for the reasons and periods and under the conditions indicated in each case:

1. Dr. R. W. Bartlett, Assistant Professor of Agricultural Economics, leave of absence during August and September, 1937, without pay, to give him an opportunity to assemble material and prepare a book on Agricultural Cooperation.

2. Dr. Olive C. Hazlett, Associate Professor of Mathematics, leave of absence on account of ill health for one year from September 1, 1937, without pay.

3. Miss Bessie Packard, Secretary in the Department of Home Economics, additional leave of absence, with full pay, from May 17 through June 15, 1937, because of illness.

4. Dr. George H. Dungan, Professor of Crop Production, leave of absence, with full pay, from May 29 to June 18, 1937, because of illness.

5. Miss Patricia Wood, Stenographer in the Department of Horticulture, leave of absence for six months from May 1, 1937, without pay, on account of illness.

6. Miss Dorothy Iwig, Associate in Home Furnishings Extension, leave of absence for two weeks with pay, and two weeks without pay, in addition to her month's vacation allowance in order that she may attend the summer school at Teachers College, Columbia University. This supersedes the action of the Board on April 14, 1937 (Minutes, page 236), of a month's leave of absence, without pay. Since that time the Federal Director of Extension Service has approved Miss Iwig's application for two weeks' leave with pay. She receives her entire salary from Federal Extension funds.

7. Mr. R. C. Hay, Extension Specialist in Agricultural Engineering, leave of absence for two weeks, with pay, in addition to his regular vacation allowance, in order that he may attend the summer school at Iowa State College.

8. Miss Frances Schwab, Instructor in the Department of Histology in the College of Dentistry, one month's leave of absence, with pay, in addition to her month's vacation allowance, on account of health.

9. Mrs. Bessie Wilson, Coles County Home Adviser, leave of absence for two weeks, with pay, in addition to her month's vacation allowance, in order that she may attend the summer school at Iowa State College.

10. Miss Constance Kyle, Psychiatric Social Worker in the College of Medicine, from September 1 to 16, 1937, without pay, in addition to her regular vacation allowance with pay.

On motion of Mrs. Plumb, these leaves were granted as recommended.

SCHOLARSHIP IN GRADUATE SCHOOL FOR LOWELL NEWMYER

(15) The National Council of Sigma Tau (national engineering honorary society) has awarded a fellowship to Lowell Newmyer, a graduate of the University of Nebraska, for graduate work in Civil Engineering at the University of Illinois.

A number of such awards are made each year by scientific and professional societies, and it is customary for the institutions selected by the fellows to grant them exemption from the payment of fees. Accordingly, I recommend that Mr. Newmyer be granted exemption from the tuition and other fees on the same basis as scholars and fellows in the Graduate School.

On motion of Dr. Meyer, Mr. Newmyer was granted a scholarship in the Graduate School for 1937-1938.

KATE NEAL KINLEY MEMORIAL FELLOWSHIP

(16) A report that Mr. Robert Bush Little, Champaign, Illinois, has been awarded the Kate Neal Kinley Memorial Fellowship for 1937-1938, and that Mr. Norman Stuart Voelcker, Louisville, Kentucky, has been appointed alternate.

This report was received for record.

VACATIONS FOR HOSPITAL RESIDENTS AND INTERNES

(17) The Joint Committee of the University and the Department of Public Welfare on the Management of the Research and Educational Hospitals recommends that residents in the hospitals shall be entitled to two weeks' vacation each year as junior residents and three weeks as senior residents, and that this provision be included in their contracts.

On motion of Dr. Meyer, this recommendation was approved.

EQUIPMENT FOR MEDICAL AND DENTAL BUILDING

(18) At a meeting of the Chicago Departments Committee held on June 15 at 3:00 p.m., attended by Mrs. Marie C. Plumb, Mr. J. M. Cleary, and representatives of the Kewaunee Manufacturing Company and the General Fireproofing Company, together with the sub-contractors on the equipment for the second unit of the Medical and Dental College Laboratories Building, the following action was taken, subject to the approval of the Executive Committee of the Board:

In order to centralize complete responsibility for the fixed laboratory equipment in the low bidders, it was voted to include the mechanical service in their contracts with the understanding that the present mechanical contractors on the building would be continued for this work.

With the approval of Mr. Karraker, the above was submitted to the Executive Committee. Mr. Oscar G. Mayer and Dr. Karl Meyer were consulted by phone and approved the action of the Chicago Departments Committee.

On motion of Dr. Meyer, the actions of the Committee on the Chicago Departments and of the Executive Committee were confirmed.

ADDITIONAL EQUIPMENT FOR MEDICAL AND DENTAL BUILDING

(19) In rechecking the equipment needed for the new Medical and Dental Building, an adjustment is found necessary with respect to the number of the special dental cabinet units and dental chairs. To provide the minimum number of these items necessary to take care of next year's enrollment, it is essential to have (1) 82 special cabinet units instead of 80 as authorized, and (2) 38 dental chairs instead of 36 as

authorized. This means an increase in contracts, as approved by the Board on June 9, as follows:

Ritter Dental Manufacturing Co.—For special cabinet units: Add \$1,529, making a total of \$65,579.

~~to~~ S. S. White Dental Manufacturing Co.—For dental chairs: Add \$525, making a total of \$7,678.11.

These additional amounts, which total \$2,054, are to be met from the item of \$59,970 for movable equipment for the College of Dentistry in the tentative budget as shown in the Board Minutes for June 9, 1937, page 287.

I have authorized the necessary increases in the above contracts and request confirmation of my action.

On motion of Mr. Mayer, the action of the President of the University was confirmed.

FURNITURE AND FURNISHINGS FOR SECOND UNIT OF MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING

(20) The Director of the Physical Plant Department submits schedules of bids received on June 15 for furniture and furnishings for the second unit of the Medical and Dental College Laboratories Building, which are presented herewith and given to the Secretary of the Board for record.

He recommends the award of contracts to the low bidders as follows:

1. Classroom Chairs—Heywood-Wakefield Company	\$1 484 41
2. Amphitheatre Seating—American Seating Company	1 169 54
3. Tables—Marshall Field & Company	595 00
4. Chairs, Benches, Costumers—Marshall Field & Company	1 725 00
5. Desks—Horder's, Incorporated	72 00
6. Davenports and Chairs—Marshall Field & Company	244 25
7. Rest Room Furniture—Newton-Hoit Furniture Company	470 10
8. Mirrors—Pittsburgh Plate Glass Company	1 846 00
9. Stands—Newton Hoit Furniture Company	15 60
10. Draperies—Newton Hoit Furniture Company	295 00
11. Window Shades—Marshall Field & Company	809 00

On motion of Mrs. Plumb, the contracts were awarded to the low bidders as recommended above.

At this point Dr. Meyer left the meeting.

STATUS OF EXPENDITURES ON MEDICAL AND DENTAL BUILDING

(21) The Director of the Physical Plant Department reports that as of June 30, 1937, there was an unencumbered balance of \$41,000 in the fund for the construction of the second unit of the Medical and Dental College Laboratories Building. The Public Works Administration requested payment of the interest on the bonds from this fund, it being stipulated in the indenture that interest due prior to the completion date must be paid from the construction fund. This payment of \$21,856.37 has since been made and has reduced the balance to approximately \$20,000. There are in process, or contemplated, expenditures totaling approximately \$28,500, which would have left a contingent fund of approximately \$12,000, if it had not been necessary to pay the interest on the bonds from the construction fund.

The Comptroller has suggested a method which would make funds available for these expenditures in the University of Illinois Foundation "Revenue Fund" in an amount equal to that paid from the construction fund. Accordingly he and the Director of the Physical Plant Department recommend that:

(1) The payment of operation and maintenance expenditures on the second unit, not to exceed \$21,856.37, from the Foundation Revenue Fund be authorized;

(2) The Physical Plant Department operation and maintenance appropriation be reduced by this same amount;

(3) An appropriation of this amount be made from the General Reserve Fund for improvements and equipment in the second unit of the Medical and Dental College Laboratories Building.

On motion of Mr. Moschel, this payment and adjustment were

authorized and the appropriation made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

EXTENSION OF CONTRACT PERIOD IN CONSTRUCTION OF MEDICAL AND DENTAL BUILDING

(22) On May 13 the Board of Trustees adopted a resolution requesting an extension of time for the completion of the second unit of the Medical and Dental College Laboratories Building from May 1 to July 15, 1937. Immediately following that action, it became apparent that conditions had changed to such an extent that a still further extension would be necessary; consequently, the certification of the Board's action to the Public Works Administration was withheld until the general contractor was able to commit himself on a completion date.

During the past several weeks there have been continued delays resulting from strikes and the inability of the contractors to obtain workmen. The Director of the Physical Plant Department, therefore, recommends an extension of the contract period to September 1, 1937, and the following resolution is offered in which are listed the causes for the delay appearing in the resolution of May 13, as well as those which have developed since that date:

Whereas, The second unit of the Medical and Dental College Building, in process of erection as Illinois Public Works Administration Project No. 1057, could not be completed on or before May 1, 1937, in conformity with the stipulations of the contracts (as modified by a previous extension of time from December 15, 1936, to May 1, 1937) with the United States, acting through the Federal Emergency Administration of Public Works, for the following reasons which have been prepared by the contractors and which have been checked by us and found to be substantially correct:

"(1) Strike at glass factory which resulted in a delay in enclosing the building, and in turn prevented turning on the temporary heat. This naturally slowed up progress on many of the crafts.

"(2) Non-delivery of Holophane fixtures for surgical and autopsy amphitheatre, resulting in delay of all finishing trades in these rooms. This alone has caused a delay of four weeks.

"(3) Inclement weather delaying topping out of tower.

"(4) Delay in securing details on ceiling heights.

"(5) Delay on work in amphitheatres now prevents turning elevators over for completion and the main lobby and entrance for finishing.

"(6) Delay in awarding contract on lighting fixtures, due to the fact that the owner was not advised of changes in P.W.A. regulations."

(7) Delay due to strikes by the plasterers and terrazo workers, and delay in securing painters.

(8) Delay in shipment of special lighting fixtures.

Now therefore be it resolved, by the Board of Trustees of the University of Illinois, that we agree to the request of the contractors for an additional extension of time from May 1 to September 1, 1937; and

Be it further resolved, that we hereby request of and recommend to the United States, acting through the Federal Emergency Administration of Public Works, that an extension of time be granted for the completion of the above described project from May 1 to September 1, 1937, provided that no financial liability to the University shall result from this action.

On motion of Mr. Mayer, this resolution was adopted, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

CHANGE IN HEATING CONTRACT ON MEDICAL AND DENTAL BUILDING

(23) The Director of the Physical Plant Department requests authorization to execute a change order in the heating contract for the Medical and Dental College Laboratories Building which will provide an extra of \$3,496.09 to the contract for furnishing maintenance of the temporary heating system during the construction

period when such was needed. The Public Works Administration has indicated that it will approve this addition to the contract.

On motion of Mrs. Plumb, this authorization was granted.

CONTRACT CHANGE ORDERS FOR MEDICAL AND DENTAL BUILDING

(24) In accordance with the authorization of the Board on January 24, 1936, the following contract change orders of work on the Medical and Dental Building have been approved, and the following resolution is offered to ratify said actions:

Be it resolved, that the Board of Trustees hereby approves and ratifies the action of the President of the University in authorizing the following contract change orders on the second unit of the Medical and Dental College Laboratories in process of construction as Illinois Public Works Administration Project No. 1057:

I. General Contract

Change Order No. 37

For changes in Rooms 916 and 917 in accordance with revision drawing No. 62 and sketch dated January 4, 1937, based upon the case and wicket work being of hollow metal with painted finish, add the sum of.....	\$ 822 40
For furnishing and erecting P.W.A. tablet as shown on drawing No. 1056½, in accordance with proposal dated May 6th, 1937, add the sum of.....	187 00
	\$1 009 40
For omitting one coat of Lithophone on Acoustone ceilings in corridors and lobbies, in accordance with proposal dated April 21st, deduct the sum of.....	111 00
<i>Total Addition</i>	\$ 898 40

Change Order No. 38

For providing 172 openings, 12" x 15", in metal pan construction to permit passage of plumbing pipes at dental units, at \$1.50 each	\$ 258 00
--	-----------

II. Heating Contract

Change Order No. 13

For changes in Heating Work in Rooms 916 and 917 as shown on revision drawing No. 62, in accordance with proposal dated November 20, 1936, add the sum of.....	\$ 14 96
--	----------

III. Electrical Contract

Change Order No. 13

For changes in Electric Wiring Work in Rooms 916 and 917 as shown on revision drawing No. 62, in accordance with revised proposal dated November 23, 1936, add the sum of.....	\$ 69 66
--	----------

Change Order No. 15

Air-conditioning Surgical Amphitheatre No. 412—Drawing No. 61: Furnish material and labor required to wire to and connect a 25 HP refrigerator compressor motor and a 5 HP air washer circulating pump motor and a vapor-proof light outlet in air washer. All work to be in accordance with specification letter of October 29, 1936, and Drawing No. 61. Add the sum of.....	\$ 511 89
--	-----------

IV. Plumbing Contract

Change Order No. 19

For the omission of all sheet metal service boxes for dental units thru-out the building, deduct the sum of.....	\$ 502 65
--	-----------

Change Order No. 21

Air-conditioning Surgical Amphitheatre Room No. 412—Drawing No. 61: Cutting in 4" opening in present 4" waste at south wall of basement near column No. C-9 to install 4" trap and open	
---	--

waste as shown; cutting in 2" vent opening in 3" vent west of column No. D-8 first floor and installing vent for the 4" trap in basement as shown; installing a 4" x 2" tee with 2" valve only in present 4" unfiltered cold water line at basement ceiling north of column No. D-9 as shown; and cutting in a 3/4" valved opening only in present 2" filtered water line at basement ceiling west of column No. D-8; including the necessary cutting and patching of walls and floors, and the necessary painting, for plumbing work, but not including pipe covering or insulation. Add the sum of..... \$ 230 00

V. Heating Contract

Change Order No. 15

Air-conditioning Surgical Amphitheatre Room No. 412—Drawing No. 61: Air-conditioning heater erection and connection. Temperature control as specified (air risers for same are now roughed-in). Connections for "Nesbitt" Air-Conditioning Heaters (Control connections). "York" equipment and refrigeration machinery with control. Furnish and install 3" cork covering on all work as specified including water circulating pump. Furnish and install Instantaneous Water Heater. Furnish and install water piping. Receive and connect air-washer circulating pump. All work to be installed in accordance with specification letters of October 29 and November 2, 1936, and Drawing No. 61. Add the sum of..... \$7 315 00

VI. Ventilating Contract

Change Order No. 8

Air-conditioning Surgical Amphitheatre Room No. 412—Drawing No. 61:

1 Class 800 Special Sirocco Air Washer 9'0" long and approximately 2'8" wide by 4'6" high, complete with two banks of spray nozzles, galvanized iron casing, eliminators, interior piping, concrete base, etc., as specified.

1 DL-2" Chicago Pump Company double suction, single stage, horizontally split shell pump with direct connected 5 H.P. 3 phase, 60 cycle, 220 volt, 1750 R.P.M. motor. Capacity of this pump 90 gallons per minute at 100' head.

1 Section No. L-737 Nesbit Heating Surface.

2 Sections No. M-735 Nesbit Heating Surface.

Cover air-washer and casing with 1" thick corkboard, applied with hot pitch, finished off with 1/4" asbestos cement and a canvas jacket, also 2" thick cork between air washer and concrete base as specified.

Work shall be complete in every detail and shall be in accordance with drawing No. 61 and specification letter of October 29, 1936.

Add the sum of..... \$1 892 00

On motion of Mr. Moschel, this resolution was adopted, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

WAGES OF PHYSICAL PLANT EMPLOYEES

(25) Last February the janitors of the Physical Plant Department submitted a petition for an increase in their wages from the present scale of 49 cents per hour for day work and 53 1/2 cents per hour for night work to 60 cents per hour, or a fixed minimum monthly wage of \$140, to become effective with the beginning of the bi-

ennium 1937-1939. Copies of this petition were sent by the petitioners directly to the members of the Board of Trustees.

This matter was referred to the Committee on Wages for its study and conference with representatives of the employees. The Committee has also studied the effect of this increase upon other labor groups in the University. As a result of its study the Committee recommends that:

(1) The wages of janitors be increased from the present scale of 49 cents and 53½ cents per hour to 56 cents per hour;

(2) The wages of ground employees be increased from 49 cents to 53 cents per hour;

(3) The wages of truck drivers be increased from 50 cents per hour to 58 cents; and

(4) The wages of student janitors be increased from 30 cents to 35 cents per hour.

The proposed scale of wages for janitors will result in an average monthly wage of \$116 for regular month time and \$125 per month when overtime work is available. The present average monthly earnings of these employees is \$106.

Messrs. J. T. Hill, Art Smith, and P. W. Cruikshank, representing the petitioning employees, appeared at the meeting and presented statements in support of their request.

On motion of Mr. Cleary, the wage scales as recommended were authorized; Mrs. Plumb voted "No" on this motion.

The Board suspended consideration of business presented by the President of the University, to receive and act upon the following reports from its committees.

UNIVERSITY AUDITORIUM

Mr. Adams, for the Committee on Buildings and Grounds, presented the following report:

In view of the reports from Frank D. Chase, Consulting Engineer, retained to advise upon the structural condition of the University Auditorium, and the Physical Plant Department, the Committee has the following recommendations concerning repairs and remodeling of the Auditorium:

1. That the building remain closed until the structural condition be rendered safe for occupancy and the fire hazard reduced materially. In order to accomplish this it will be necessary to (a) make structural changes and repairs to roof, balcony and ceiling, (b) replace knob and tube wiring, (c) replace acoustical material, and (d) reduce curvature of ceiling.

The above is a minimum program and does not include such desirable improvements as replacement of seats, organ, heating and ventilating system, floor, etc.

2. That plans and estimates to accomplish this be prepared and submitted to the Board in order that the building may be reopened as soon as possible.

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

IMPROVEMENT OF GREEN STREET

Mr. Adams, for the Committee on Buildings and Grounds, also presented the following report:

The Committee recommends the realignment of Green Street at the intersections with Mathews Avenue and with Wright Street, in accordance with plans prepared by Professor C. C. Wiley of the Department of Civil Engineering, and that the Physical Plant Department be authorized to secure bids on this improvement.

On motion of Mr. Mayer, these recommendations were adopted and an appropriation of \$5,500, or so much thereof as may be necessary, was made from the General Reserve Fund to cover the cost of this improvement, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

INVESTMENT OF ENDOWMENT FUNDS

Mr. Mayer, for the Finance Committee, presented the following statement from the Comptroller of the sales and purchases of securities for endowment funds in accordance with the authorization of the Board on June 9, 1937 (Minutes, pages 292 and 293), to sell a number of items of low yields and to purchase a number of other items selected by the Committee.

GROUP INVESTMENT SALES					
<i>Par</i>	<i>Description</i>	<i>Price at which sold</i>	<i>Book value at time of sale</i>	<i>Amount realized from sale</i>	<i>Net profit or loss</i>
\$ 3 000	U. S. Treasury 3½%, 1944-46.....	106½	\$3 110 88	\$3 190 31	\$ 79 43
\$ 2 000	Southwestern Bell Telephone 3½%, 1964.....	105	2 157 15	2 100 00	57 15*
\$ 5 000	Duquesne Light Company First 3½%, 1965.....	104½	5 332 31	5 225 00	107 31*
\$10 000	U. S. Treasury 3%, 1938..	101½	10 045 53	10 187 50	141 97
\$ 8 500	U. S. Treasury 4%, 1944-54.....	111½	9 685 90	9 472 19	213 71*
\$ 5 000	Niagara Falls Power 3½%, 1966.....	103½	5 358 33	5 168 75	189 58*
\$33 500	<i>Total</i>		\$35 690 10	\$35 343 75	\$346 35*

*Net loss.

GROUP INVESTMENT PURCHASES				
<i>Par</i>	<i>Description</i>	<i>Price at which purchased</i>	<i>Yield</i>	<i>Book value</i>
\$ 7 300	Indianapolis Power & Light Company, First A 5%, 1957.....	106	4.53	\$7 738 00
\$10 000	Pennsylvania Power & Light Company, First 4½%.....	100½	4.6	10 050 00
\$ 5 000	Goodyear Tire and Rubber Company, First and Collateral 5%.....	104¾	4.65	5 237 50
\$ 5 000	Texas Power and Light, First and Refunding 5%.....	105¼	4.58	5 262 50
\$ 4 000	Texas Power and Light, First and Refunding 5%, 1956.....	104¼	4.6	4 041 80
\$31 300	<i>Total</i>			\$32 329 80

On the sale of \$33,500 of low yield securities there was a net loss of \$346.35. This loss has been charged to the reserve for gains and losses on investments in which account there was on June 30, 1937, a balance of \$7,682.62. The average yield on the securities disposed of was 2.64%. The average yield on the securities purchased is 4.5%. These yields may be reduced through the call of some of these securities before their maturity but it is obvious that the income situation has materially improved by this shift.

On motion of Mr. Mayer, this action was approved.

INVESTMENT COUNSEL

Mr. Mayer, for the Finance Committee, also presented the following report:

Pursuant to the authorization of the Board of Trustees on June 9, 1937 (Minutes, page 292), the Finance Committee has arranged with the First National Bank of Chicago for investment counsel services covering the sale and purchase of securities representing investments of endowment funds, for one year beginning July 1, 1937. The fee charged by the Bank will depend upon the total amount of securities pur-

chased and sold but in any case will not exceed \$1,000 for the year and will cover also the cost of safekeeping of securities.

This report was received for record.

The Board resumed its consideration of matters presented by the President of the University.

NON-RECURRING APPROPRIATIONS FOR SPECIAL EQUIPMENT AND IMPROVEMENTS

(26) The budget for 1937-1938 will include a list of appropriations for special equipment, minor improvements, and other non-recurring expenditures. Provision should be made for certain of these items at this meeting in order that the work may get under way. Accordingly I recommend that the following assignments be made:

Finishing dormitories and remodeling bath in Davenport House...	\$ 3 000
Minor improvements (as per detailed list submitted herewith, a copy of which is given to the Secretary of the Board for record)	10 000
<i>Total</i>	<i>\$13 000</i>

These are two items in a list recommended by the Faculty Committee on Special Appropriations and Non-Recurring Expenditures in its recent report of the items which should be taken care of during the year 1937-1938 if at all possible. Recommendations concerning other items will be presented to the Board when the new budget has been made up.

On motion of Mr. Moschel this appropriation was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

RECOMMENDATIONS FROM THE UNIVERSITY COUNCIL CONCERNING BUILDING PROGRAM

(27) The University Council of Deans and Directors, which under the Statutes of the University advises the President on budgetary matters, at a meeting held on July 13 voted to make the following recommendations to the Board of Trustees:

1. That the Board formally request the Governor to include in the call he may issue for any appropriate special session of the General Assembly provision for the consideration of supplementary appropriations to the University for the biennium of 1937-1939 and particularly appropriations for buildings and other permanent improvements.

2. That in making up the annual budgets for 1937-1938 and 1938-1939 no part of the Revolving Fund appropriated by the 60th General Assembly be diverted to the construction of the addition to the Library, the Agricultural Laboratory Building and remodeling of old quarters, and the new unit for Chemistry, for which the 60th General Assembly made appropriations but which were subsequently vetoed. In the preparation of the biennial budget the estimated income from student fees and all other sources represented in the Revolving Fund was allocated to the various items of expense in the operating budget. Any use of the Revolving Fund for a building program would require a revision of the entire budget and would still further impair the University's educational and scientific program.

On motion of Mr. Moschel, the President of the University was requested to prepare for consideration by the Board at its next meeting a formal resolution based upon these recommendations and including a presentation of the essential data in support thereof.

TIME OF AUGUST MEETING

By unanimous consent the next meeting of the Board was set for 9:00 a.m. (Chicago Daylight Saving Time), Monday, August 2, 1937, at the Blackstone Hotel, in Chicago. At this meeting the annual budget for 1937-1938 will be presented for consideration.

**LABORATORY AND SPECIAL FEES IN THE URBANA
DEPARTMENTS FOR 1937-1938**

(28) A recommendation that the following schedule of laboratory and special fees in the Urbana Departments for 1937-1938 be approved. This schedule represents a revision of the laboratory fees in the various courses in which such fees are charged with a view to adjusting them to cover the cost of materials and such utilities as gas, electricity, water, steam, compressed air, liquid air, etc., which are used in laboratory instruction.

On motion of Mr. Mayer, this schedule of fees was approved.

Agricultural Economics 1.....	\$ 50	Bacteriology 107 (per unit, minimum fee \$5.00).....	5 00
Agricultural Engineering 1.....	1 00	Botany 1b.....	1 50
Agricultural Engineering 3.....	2 00	Botany 2.....	1 50
Agricultural Engineering 20.....	1 50	Botany 3.....	2 00
Agricultural Engineering 21.....	2 00	Botany 5.....	1 00
Agricultural Engineering 28.....	2 50	Botany 6.....	1 00
Agricultural Engineering 51.....	8 00 ¹	Botany 7.....	1 00
Agronomy 25.....	2 00	Botany 12.....	1 50
Agronomy 28.....	3 00	Botany 13.....	1 50
Agronomy 31.....	2 50	Botany 20 (3 hours credit).....	1 00
Agronomy 32.....	2 00	Botany 20 (5 hours credit).....	2 00
Agronomy 33.....	4 00	Botany 33 (5 hours credit).....	1 00
Animal Husbandry 119.....	5 00	Botany 34 (5 hours credit).....	1 00
Animal Husbandry 120.....	2 00	Botany 41.....	1 50
Animal Husbandry 121.....	3 00	Botany 43.....	1 50
Architecture 37.....	1 00	Botany 44.....	1 50
Architecture 38.....	1 00	Botany 45 (3 hours credit).....	2 00
Architecture 104.....	1 00	Botany 45 (5 hours credit).....	3 00
Art 24a.....	2 50	Botany 46.....	1 00
Art 24b.....	2 50	Botany 60.....	1 00
Art 25.....	1 50	Botany 72 (per hour).....	50
Art 26.....	1 50	Botany 79 (per hour).....	50
Art 27.....	6 00	Botany 120 (per unit).....	3 00
Art 28.....	6 00	Botany 130 (per unit).....	3 00
Art 29.....	6 00	Botany 170 (per unit).....	3 00
Art 29a (3 hours credit).....	4 00	Botany 180 (per unit).....	2 00
Art 30.....	6 00	B.O.O. 12a.....	5 00
Art 30a (3 hours credit).....	4 00	B.O.O. 12b.....	5 00
Art 33a (3 hours credit).....	1 50	Ceramics 4.....	5 00
Art 33b (3 hours credit).....	1 50	Ceramics 5.....	9 00
Art 34a (3 hours credit).....	1 50	Ceramics 14.....	11 50
Art 34b (3 hours credit).....	1 50	Ceramics 17.....	10 00
Art 37a (2 hours credit).....	2 50	Ceramics 18.....	2 00
Art 37b (2 hours credit).....	2 50	Ceramics 103 (per ½ unit, maximum \$12.50).....	2 50
Art 47.....	6 00	Ceramics 106 (per ½ unit, maximum \$12.50).....	2 50
Art 48.....	6 00	Chemistry 1.....	8 00
Art 51a.....	2 50	Chemistry 2.....	5 00
Art 51b.....	2 50	Chemistry 3.....	6 00
Art 52a.....	2 50	Chemistry 4.....	10 00
Art 52b.....	2 50	Chemistry 5.....	10 00
Bacteriology 5b.....	5 00	Chemistry 6.....	10 00
Bacteriology 7 (per credit hour).....	1 50	Chemistry 7.....	6 00
Bacteriology 8.....	5 50	Chemistry 10.....	12 50
Bacteriology 20.....	5 00	Chemistry 16a.....	7 50
Bacteriology 26.....	5 50	Chemistry 22.....	12 50

¹To be charged unless instructor certifies student is not using materials in his testing work.

Chemistry 23b.....	12 50	Dairy Husbandry 10.....	3 00
Chemistry 24.....	12 50	Dairy Husbandry 12.....	3 00
Chemistry 27.....	15 00	Dairy Husbandry 14.....	2 00
Chemistry 29b.....	12 50	Dairy Husbandry 22.....	2 00
Chemistry 32.....	10 00	Dairy Husbandry 24b.....	2 00
Chemistry 33.....	15 00	Electrical Engineering 48.....	1 00
Chemistry 34a.....	15 00	Electrical Engineering 51.....	2 00
Chemistry 37b.....	15 00	Electrical Engineering 52.....	2 00
Chemistry 38a.....	18 00	Electrical Engineering 57.....	1 00
Chemistry 41.....	7 50	Electrical Engineering 61.....	2 00
Chemistry 43.....	7 50	Electrical Engineering 62.....	2 00
Chemistry 47.....	7 50	Electrical Engineering 64.....	2 00
Chemistry 50a.....	18 00	Electrical Engineering 65.....	2 00
Chemistry 51b.....	12 50	Electrical Engineering 75.....	2 00
Chemistry 60a.....	15 00	Electrical Engineering 76.....	2 00
Chemistry 61a-61b (per sem.).....	10 00	Electrical Engineering 84.....	2 00
Chemistry 74b.....	6 00	Electrical Engineering 85.....	2 00
Chemistry 90a-90b (per lab. hr. per sem.).....	2 50	Electrical Engineering 86.....	2 00
Chemistry 91b.....	3 00	Electrical Engineering 89.....	2 00
Chemistry 102a-102b (per $\frac{1}{4}$ unit).....	2 50	English (see Speech)	
Chemistry 123c (per $\frac{1}{4}$ unit).....	2 50	Entomology 1.....	1 50
Chemistry 124d (per $\frac{1}{4}$ unit).....	2 50	Entomology 3.....	2 50
Chemistry 126c (per $\frac{1}{4}$ unit).....	2 50	Entomology 4.....	3 00
Chemistry 127c-127d (per $\frac{1}{4}$ unit).....	2 50	Entomology 6 (per credit hour).....	30
Chemistry 134 (per $\frac{1}{4}$ unit).....	3 00	Entomology 7a.....	2 00
Chemistry 152b (per $\frac{1}{4}$ unit).....	2 50	Entomology 7b.....	2 00
Chemistry 190a-190b:		Entomology 8b.....	1 50
(1) If unit value is given (per $\frac{1}{4}$ unit, maximum \$12.50).....	2 50	Entomology 8c.....	1 50
(2) If unit value is not given (second and third year graduate students).....	12 50	Entomology 9.....	2 00
Civil Engineering 1.....	1 00	Entomology 10a.....	1 50
Civil Engineering 2.....	50	Entomology 10b.....	1 50
Civil Engineering 3.....	1 00	Entomology 20.....	4 00
Civil Engineering 15.....	1 00	Entomology 22.....	4 00
Civil Engineering 16.....	50	Entomology 31.....	1 50 ^a
Civil Engineering 17.....	50	Entomology 100 (per unit).....	1 50
Civil Engineering 18.....	1 00	Entomology 107.....	2 00
Civil Engineering 19.....	50	French 25.....	50
Civil Engineering 22.....	1 00	G. E. D. 1.....	1 00
Civil Engineering 30.....	2 00	G. E. D. 2.....	1 00
Civil Engineering 31.....	1 50	G. E. D. 4.....	1 00
Civil Engineering 35.....	2 00	G. E. D. 6.....	1 00
Civil Engineering 40.....	50	G. E. D. 7.....	1 00
Civil Engineering 41.....	50	G. E. D. 8.....	1 00
Civil Engineering 42.....	1 00	G. E. D. 10.....	1 00
Civil Engineering 62.....	1 50	Geology 1a.....	50
Civil Engineering 64.....	1 00	Geology 20.....	2 00
Civil Engineering 65.....	1 50	Geology 44.....	50
Civil Engineering 86.....	1 50	Geology 49.....	1 00
Civil Engineering 87.....	1 00	Home Economics 5.....	3 50
Civil Engineering 91.....	1 00	Home Economics 7.....	2 00
Dairy Husbandry 1.....	3 00	Home Economics 14.....	16 00
Dairy Husbandry 4.....	3 00	Home Economics 19.....	50
Dairy Husbandry 5.....	3 00	Home Economics 30.....	50
Dairy Husbandry 7.....	3 00	Home Economics 33.....	3 00
Dairy Husbandry 8.....	2 00	Home Economics 35.....	5 00
Dairy Husbandry 9.....	2 00	Home Economics 41.....	12 50

^aTo be charged unless student is registering for lecture only.

Home Economics 43a.....	2 50	Landscape Architecture 54.....	2 00
Home Economics 43b.....	2 50	Law courses for students of colleges other than Law (per hour).....	1 00
Home Economics 45.....	1 00	Locker fee (see Physical Education)	
Home Economics 50.....	1 00	Mechanical Engineering 21.....	2 50 ¹
Home Economics 51.....	3 00	Mechanical Engineering 61.....	4 50
Home Economics 58.....	7 00	Mechanical Engineering 62.....	2 50
Home Economics 59.....	4 00	Mechanical Engineering 64.....	7 00
Home Economics 61.....	2 50	Mechanical Engineering 65.....	7 00
Home Economics 62.....	10 00	Mechanical Engineering 85.....	4 00
Home Economics 102 (per ¼ unit)	2 50	Mechanical Engineering 87.....	4 00
Home Economics 104.....	10 00	Mechanical Engineering 88.....	4 00
Horticulture 1.....	1 00	Mechanical Engineering 89.....	5 00
Horticulture 2.....	1 00	Metallurgical Engineering 3.....	7 50
Horticulture 3.....	2 00	Metallurgical Engineering 8.....	7 00
Horticulture 5.....	2 50	Metallurgical Engineering 10.....	6 00
Horticulture 6a.....	2 00	Metallurgical Engineering 11.....	4 00
Horticulture 6b.....	2 00	Metallurgical Engineering 12.....	7 00
Horticulture 7.....	1 50	Metallurgical Engineering 13.....	3 50
Horticulture 8a.....	1 00	Mining Engineering 9.....	2 50
Horticulture 8b.....	1 00	Mining Engineering 20.....	1 00
Horticulture 9.....	1 00	Mining Engineering 61.....	1 00
Horticulture 15a.....	2 00	Mining Engineering 62.....	1 00
Horticulture 15b.....	2 00	Mining Engineering 64.....	4 50
Horticulture 15c.....	2 00	Music (for each two-hours of credit in courses in applied music num- bers 42a to 47b; 52a to 57b; 62a to 67b; 72a to 77b; 82a to 87b; 92a to 97d, inclusive) taken by students not enrolled in the cur- riculum in Music.....	25 00
Horticulture 30.....	2 00	Physical Education, <i>any course</i> : As- sess each person, man or woman, each semester, in addition to labo- ratory fees as indicated below (ex- cept P.E. for Men 46 and 48), a locker fee of.....	1 00
Horticulture 32a.....	2 50	Physical Education for Men 1....	1 00
Horticulture 32b.....	2 50	Physical Education for Men 2....	1 00
Horticulture 33.....	1 00	Physical Education for Men 4....	1 00
Horticulture 34.....	2 00	Physical Education for Men 5....	1 00
Horticulture 49.....	2 00	Physical Education for Men 6....	1 00
Horticulture 51.....	1 50	Physical Education for Men 7....	1 00
Horticulture 53.....	1 00	Physical Education for Men 8....	1 00
Journalism 5.....	2 00	Physical Education for Men 10... 1 00	
Journalism 6.....	2 00	Physical Education for Men 11... 1 00	
Journalism 9a.....	1 00	Physical Education for Men 12... 1 00	
Journalism 9b.....	1 00	Physical Education for Men 14... 1 00	
Journalism 13.....	1 00	Physical Education for Men 15... 1 00	
Journalism 14.....	1 00	Physical Education for Men 17... 1 00	
Journalism 15.....	1 00	Physical Education for Men 34... 2 50	
Journalism 16.....	1 00	Physical Education for Men 43... 2 50	
Journalism S23.....	2 00	Physical Education for Men 48... 5 00	
Journalism 25.....	2 00	Physical Education for Women 60 (Sections L2 and M).....	5 00
Journalism 26.....	2 00		
Journalism 29.....	1 00		
Journalism 30.....	1 00		
Journalism 33.....	1 00		
Journalism 34.....	1 00		
Landscape Architecture 31.....	2 00		
Landscape Architecture 32.....	2 00		
Landscape Architecture 33.....	2 00		
Landscape Architecture 34.....	2 00		
Landscape Architecture 35.....	2 00		
Landscape Architecture 36.....	2 00		
Landscape Architecture 43.....	2 00		
Landscape Architecture 44.....	2 00		
Landscape Architecture 51.....	50		
Landscape Architecture 52.....	50		
Landscape Architecture 53.....	2 00		

¹To be charged unless instructor certifies student is not using materials in his testing work.

Physical Education for Women 73 (Sections B, C, and P).....	3 00	Railway Engineering 8.....	4 00
Physical Education for Women 73 (Sections G2 and R).....	10 00	Railway Engineering 62.....	3 50
Physics 3a.....	3 00	Spanish 25.....	50
Physics 3b.....	3 00	Speech 11.....	5 00
Physics 8a.....	3 00	T. & A. M. 63.....	2 50
Physics 8b.....	3 00	T. & A. M. 64.....	1 50
Physics 15.....	1 50	University High School:	
Physics 17.....	1 50	Solid Geometry	
Physics 44a.....	4 50	Advanced Algebra	
Physics 44b.....	4 50	Trigonometry	
Physics 46.....	3 00	(Per ½ unit, maximum \$25).....	10 00
Physics 61.....	1 50	Zoology 1.....	3 50
Physics 72a.....	1 50	Zoology 2.....	4 00
Physics 72b.....	1 50	Zoology 3.....	4 00
Physics 73.....	10 00	Zoology 4.....	3 00
Physics 97.....	3 00	Zoology 6.....	4 00
Physics 98.....	3 00	Zoology 9 (per credit hour).....	50
Physics 131a.....	10 00	Zoology 10 ³	1 00
Physics 173.....	10 00	Zoology 11 (per credit hour).....	50
Physiology 1a.....	2 50	Zoology 16.....	1 00
Physiology 3a.....	2 50	Zoology 17 (per credit hour).....	50
Physiology 3b.....	2 50	Zoology 18 (per credit hour).....	1 00
Physiology 5.....	3 50	Zoology 22.....	4 00
Physiology 6.....	5 00	Zoology 23 (per credit hour).....	1 00
Physiology 7.....	5 00	Zoology 25 (per credit hour).....	1 00
Physiology 102.....	3 50	Zoology 31.....	2 00
Physiology 103.....	3 50	Zoology 63.....	4 00
Psychology 3.....	1 00	Zoology 66.....	4 00
Railway Engineering 5.....	1 00	Zoology 74.....	2 50

*Also applies to students in other courses taking Easter vacation trip as assignment.

LABORATORY FEES IN PHYSICS

(29) A recommendation for the authorization of a laboratory fee of \$10.00 in Physics S73, a Summer Session course in Elementary Photography which is being offered during the 1937 Summer Session.

On motion of Mr. Mayer, this fee was authorized.

UNIVERSITY COMMITTEE ON ACCOUNTANCY HEARING

(30) A request from the University Committee on Accountancy that it be authorized to set the time and place for a hearing on the formal complaint of the Illinois Society of Certified Public Accountants against Paysoff Tinkoff, holder of Illinois Certified Public Accountant Certificate No. 466, issued in 1923, to make a finding of the facts and to submit its conclusions and recommendations to the Board of Trustees for final action. The formal complaint is presented herewith and is hereby given to the Secretary of the Board for record.

On motion of Mrs. Plumb, the Committee on Accountancy was authorized and directed to conduct this hearing and to submit a report and recommendation to the Board.

AMENDMENT OF CONSTITUTION OF THE UNIVERSITY OF ILLINOIS FOUNDATION

(31) At its annual meeting on June 12, 1937, the Board of Directors of the University of Illinois Foundation voted to increase the membership of the Board from twelve to eighteen and it respectfully requests the concurrence of the Board of Trustees in this change.

On motion of Mr. Mayer, the Board concurred in this amendment.

AUDIT OF ACCOUNTS OF UNIVERSITY OF ILLINOIS FOUNDATION

(32) The Directors of the University of Illinois Foundation request the Board of Trustees of the University to have its auditors, Arthur Andersen & Co., make the audit of the Foundation accounts for the fiscal year July 1, 1936, to June 30, 1937, because a number of the fiscal transactions relate to the Medical and Dental College Building Trust.

On motion of Mr. Adams, this request was approved and the payment of the fee for the additional services out of University funds was authorized, since a large part of the accounts to be audited are those relating to the Medical and Dental College Building Trust.

ASSIGNMENT OF FUNDS FROM BUSWELL PATENTS

(33) At its meeting on June 9 the Board referred to the Faculty Committee on Patents for recommendation the question of the disposal of the \$4,000 received by the University from the Pacific Flush Tank Company for the Buswell patents. The Committee recommends that these funds be assigned to the Graduate School for research work in colloid chemistry. I concur in the Committee's recommendation.

On motion of Mrs. Plumb, this assignment was made, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Karraker, Mr. Mayer, Mr. Moschel, Mrs. Plumb; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mr. Pogue, Mr. Wieland.

**RELEASE OF DEVICE FOR DETERMINING CARBON DIOXIDE
CONTENT OF GASEOUS MIXTURES**

(34) Professors A. M. Buswell and W. H. Rodebush of the Department of Chemistry have discovered a device or method for determining the carbon dioxide content of gaseous mixtures. The discovery having reached a patentable stage (unless prior patents preclude), it was brought to the attention of the Faculty Committee on Patents for consideration. The Committee has reached the conclusion that the discovery should be released to the inventors because whatever commercial value it might have can be determined only after some developments involving substantial outlays of money and rather severe competition with existing arts. The Committee is of the opinion that no public interest is involved to any such degree as to require control of the discovery for the protection of the public at large.

I concur in the recommendation of the Committee that the discovery be released unconditionally to the inventors.

On motion of Mr. Adams, this discovery was released, as recommended.

**PATENT ON IMPROVEMENT IN PROCESSES FOR REMOVING
AND RECOVERING SULPHUR DIOXIDE FROM
WASTE GASES—CASE 3**

(35) A report that the Secretary of the Board has received original United States Patent No. 2,082,006, for improvement in Processes for Removing and Recovering Sulphur Dioxide from Waste Gases, issued June 1, 1937, to the Board of Trustees of the University of Illinois, as assignee of Henry F. Johnstone, on his application, Case 3.

This report was received for record.

PAYMENT OF ACCIDENT COMPENSATION CLAIMS

(36) The University Committee on Accident Compensation for Employees has submitted a list of three accident compensation claims involving University employees, totaling \$37.50, which it recommends be paid from the University funds as in the case of certain similar payments.

A copy of the Committee's report with a list of the cases is being given to the Secretary of the Board for record.

All of these cases have been reviewed by the Committee and none involves permanent disability. Provision for such payments has been made in the budget for the year 1936-1937.

On motion of Mr. Cleary, these payments were authorized.

PURCHASES RECOMMENDED

(37) A recommendation that the following purchases be authorized:

1. Equipment for Department of Dairy Husbandry: one 200-gallon vat for pasteurizing milk, one motor-driven water circulator, and one automatic control for pasteurizer, from the Creamery Package Manufacturing Company, Chicago, at a total price of \$1,143.48 f.o.b. Urbana.
2. Uniforms and equipment for advanced course R.O.T.C. students from the Associated Military Stores, Chicago, the low bidder, at a price of \$36 per outfit.
3. Pyrex Laboratory Glassware, 103 cases, for the General Chemical Storeroom, from Schaar and Company, Chicago, at a cost of approximately \$2,075.00.
4. Equipment and supplies for use of students in the College of Dentistry (as per detailed list, a copy of which is being given to the Secretary of the Board) from the S. S. White Dental Manufacturing Company, \$788.37, and from the C. L. Frame Dental Supply Company, \$749.97.
5. Equipment for use of students in the College of Dentistry from the Precision Metal Workers at a price of \$5,688.50:

90 Bench Clamp and Swivel Assemblies @ \$17.35.....	\$1 561 50
180 Operative Heads @ \$11.60.....	2 088 00
90 Therapeutic Heads @ \$18.90.....	1 701 00
90 Chair Mountings @ \$4.20.....	338 00
<i>Total</i>	<u>\$5 688 50</u>

6. One hundred and thirty No. 4 Doriot Handpieces for Dental Supply Room from the Dental Specialties Company, the low bidder, at a price of \$1,690.

7. Cement, 450 barrels in paper sacks, from the Alpha Coal and Materials Company, Champaign, the low bidder, at a price of \$2.48 per barrel less 10 cents for immediate payment.

8. 150 to 200 tons best quality baled lespedeza hay, for the Department of Dairy Husbandry, from Trimble Brothers, Trimble, Illinois, at a price of \$15.00 per ton at the farm.

9. Lumber, consisting of select merchantable kiln dried Douglas Fir Flooring, Shiplap, and Ceiling, from Wm. C. Schreiber Lumber Company, the low bidder, at a price of \$1,182.00.

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

PURCHASES AUTHORIZED

(38) A report of the following emergency purchases, amounting to \$1,000 or over, authorized by the President of the University under the Statutes:

1. Canned fruits and vegetables for the residence halls, McKinley Hospital, and Home Economics Cafeteria, covering the requirements for the year 1937-1938:

Calumet Tea & Coffee Company, Chicago.....	\$ 544 50
Campbell Holton and Company, Bloomington.....	1 071 09
George S. Daugherty Company, Chicago.....	174 90
Durand-McNeil-Horner Company, Chicago.....	186 61
Hegenbart Company, Champaign.....	1 206 75
H. J. Heinz Company, Indianapolis, Indiana.....	13 40
J. C. Perry and Company, Indianapolis, Indiana.....	612 25
Oakford and Fahnestock, Peoria, Illinois.....	219 47
B. A. Railton Company, Chicago.....	216 48
John Sexton and Company, Chicago.....	3 23
Sprague, Warner and Company, Chicago.....	516 76
Steele Wedeles Company, Chicago.....	2 404 46
<i>Total</i>	<u>\$7 169 90</u>

2. 1300 bushels wheat for grain storage investigation from Theiss Brothers, St. Louis, Missouri, at a price of \$1.19 per bushel f.o.b. St. Louis, total \$1,547.00.

3. Four hundred dozen gymnasium towels (19 x 38 name-woven) from Marshall Field and Company, Chicago, at a price of \$1,472.00.

4. Twenty-two electric refrigerators for the Colleges of Medicine and Dentistry

from the Sampson Electric Company, the low bidder, at a total cost of \$4,827.84.

5. For Dental Supply Room, 45 sets of 46 instruments each Stainless Steel Dental Instruments, and 86 No. 4A Cone Socket Handles, Tool Steel, from the Fara Manufacturing Company at a total cost of \$1,413.84.

6. For Dental Supply Room, 75 S. S. White No. 7 Hand pieces with flexible shaft from S. S. White Dental Manufacturing Company at a price of \$1,462.50.

7. One complete set of crawler shoes and link pins for K 25 Link Belt crawler crane from the Link Belt Company, Chicago, at a price of \$1,113.60 f.o.b. Chicago.

8. One Jaeger Model 14-DMB concrete mixer on skids with shaker type batch hopper with water regulator, batch-meter, equipped for electric motor drive complete but without motor and starting equipment, from the Jaeger Machine Company, Columbus, Ohio, the low bidder, at a price of \$1,392.00 f.o.b. Columbus.

9. Porcelain Laboratory Ware to be placed in stock in the General Chemical Storeroom for use of various departments during 1937-1938, from E. H. Sargent and Company, Chicago, the low bidder, at a price of \$1,809.45.

10. Chemicals for the General Chemical Storeroom for stock to be issued to various departments as needed:

General Chemical Company, Chicago.....	\$1 625 66
Merck and Company, Rahway, New Jersey.....	360 49
J. T. Baker Chemical Company, Chicago.....	351 23
Coleman and Bell Company, Norwood, Ohio.....	48 75
A. Daigger and Company, Chicago.....	292 72
W. M. Welch Manufacturing Company, Chicago.....	188 61
Schaar and Company, Chicago.....	63 37
Mallinckrodt Chemical Works, St. Louis, Missouri.....	1 900 35
E. H. Sargent and Company, Chicago.....	1 006 87
Arthur S. LaPine and Company, Chicago.....	825 75
Wilkens Anderson Company, Chicago.....	732 16
<i>Total</i>	<u>\$7 395 96</u>

11. Laboratory apparatus and supplies to be placed in stock in the General Chemical Storeroom for use of the various departments during 1937-1938:

E. H. Sargent and Company, Chicago.....	\$ 876 55
Schaar and Company, Chicago.....	705 58
Arthur S. LaPine and Company, Chicago.....	1 369 41
A. Daigger and Company, Chicago.....	971 43
Chicago Apparatus Company, Chicago.....	309 75
Fisher Scientific Company, Pittsburgh, Pa.....	184 00
Wilkens Anderson Company, Chicago.....	216 28
Rascher and Betzold, Chicago.....	3 267 80
Whitall Tatum Company, Philadelphia, Pa.....	104 23
New Method File Grinders, Chicago.....	67 50
Anderson Forrester Company, Denver, Colorado.....	481 00
<i>Total</i>	<u>\$8 553 53</u>

12. Filter paper to be placed in stock in the General Chemical Storeroom for use of the various departments during the coming academic year from E. H. Sargent and Company, Chicago, the low bidder, at a price of \$1,468.92, f.o.b. Urbana.

On motion of Mr. Adams, the action of the President authorizing these expenditures was confirmed.

CONTRACTS AUTHORIZED

(39) A report of the following contracts authorized:

1. Photo-engraving for the year ending June 30, 1938, to Kane Engraving Company of Bloomington, Illinois, the low bidder, at a cash discount of 45 per cent from the photo-engravers' scale plus 2 per cent for payment before the 15th of each following month, the Company to assume all postage and telephone costs.

2. Liquid chlorine for the year ending June 30, 1938, from Electro Bleaching Gas Company, New York City, through its agent, Corray Brothers, Urbana, at a price of 7½¢ per pound.

3. Laundry service for all departments of the University, contract awarded to Hicks Laundry and Dry Cleaning Company, Danville, the low bidder, with the provision that if satisfactory service is not rendered at any time during the two-year period the University shall have the option of terminating the contract on two weeks' notice.

On motion of Mr. Mayer, the action of the President authorizing the execution of these contracts was confirmed.

REPORTING OF CONTRACTS BY THE COMPTROLLER

(40) On April 12, 1924, the Comptroller was instructed to report at each meeting of the Board the substance of all contracts entered into as "minor contracts" since the previous meeting. In making these reports he has included contracts which have previously been authorized by the Board as well as contracts which are of a minor nature authorized by the President and simply reported to the Board. Including all contracts in these reports means that much time at meetings and space in the records is given to the reporting of items which have already had full consideration and authorization by the Board.

I recommend that the Comptroller be instructed to report to the Board only those contracts and purchase orders which have not previously been considered and authorized by the Board.

On motion of Mr. Cleary, the Comptroller was directed to report only items not previously authorized by the Board.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(41) The following reports from the Comptroller and the Secretary of the Board, of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER

JUNE 4, 1937, TO JULY 13, 1937

Cooperative agreements authorized by Board of Trustees, June 9, 1937 (Minutes, pages 282 and 283):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Monsanto Chemical Company	Investigation of insecticides	\$4,500.00	June 10, 1937
Association of American Railroads	Investigation of continuous welded rails	20,000.00	June 10, 1937

Cooperative agreements authorized by Board of Trustees, April 14, 1937 (Minutes, page 244):

<i>With whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Corn Products Refining Company	Investigation of value of dextrose in animal feeding	\$2,500.00	April 22, 1937

Agreement as authorized by Board of Trustees, April 14, 1937 (Minutes, page 245):

<i>With whom</i>	<i>For</i>	<i>Consideration</i>	<i>Date</i>
United States Department of Agriculture Resettlement Administration	Temporary cropping agreement covering certain lands in Dixon Springs Area	None	April 28, 1937

The Illinois State Board for Vocational Education to pay regular fees for instruction to be rendered as follows:

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
William Lemna	Commerce	One semester, from February 10, 1937	May 15, 1937
Leighton Cropper	Agriculture	Summer Session, 1937	June 28, 1937

Minor agreements executed under general regulations of Board of Trustees:—

Subleases of land leased from United States Department of Agriculture Resettlement Administration:

<i>With whom</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Fred Anderson	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
A. L. Chester	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Roby Maynor	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Nelson Murphy	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Louis Rushing	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
Roy Wise	$\frac{1}{2}$ of corn and $\frac{1}{2}$ of hay	June 28, 1937
A. L. Robbs	$\frac{1}{2}$ of corn and hay	June 28, 1937

SECRETARY'S REPORT OF CONTRACTS EXECUTED SINCE THE LAST REPORT

<i>Name</i>	<i>Date</i>	<i>Amount</i>	<i>Purpose</i>
The Banner Construction Company	June 11, 1937	\$4 995 00	Tennis Courts, Chicago Departments
General Fireproofing Company of Illinois	June 15, 1937	\$93 983 00	Fixed Laboratory Equipment for Medical and Dental College Laboratory
Kewaunee Manufacturing Company, with contract change order reducing the amount to.....	June 15, 1937	\$189 291 77 \$84 788 88	Fixed Laboratory Equipment for Medical and Dental College Laboratory

These reports were received for record.

REPORT OF DEATH BENEFIT PAID

(42) In accordance with the University Statutes and the terms of his employment, the Comptroller has been authorized to pay a death benefit of \$725 to the beneficiary of Dr. Max L. Folk, Assistant Professor of Ophthalmology (one-half time). Doctor Folk was in the service of the University for nine years.

This report was received for record.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(43) A report of the extension of the following agreement for a cooperative investigation, the original agreement having been previously approved by the Board of Trustees:

1. Bureau of Public Roads, United States Department of Agriculture, and State of Illinois Department of Public Works and Buildings, Division of Highways, for cooperative investigation of reinforced concrete slabs. An alteration has been made in this agreement to permit the Federal Bureau and the State Division to pay for the publication of the results of the investigation. This alteration is desirable, as it will relieve the Engineering Experiment Station of the cost of these publications. This extension is for one year from July 1, 1937, and the cooperating agencies have agreed to contribute up to \$10,000 each, to cover the cost of the investigation.

On motion of Mr. Adams, the extension of this agreement was approved.

OFFER OF PROPERTY IN CHICAGO

(44) The Director of the Physical Plant Department reports that the three-story brick apartment building east of the area on which tennis courts are being constructed in Chicago has been offered for sale at approximately \$12,500, which is a reduction from the previous price of \$15,000 placed on this property.

This report was received for record.

DEGREES CONFERRED IN JUNE, 1937

The Secretary *Pro Tempore* presented for record the following list of degrees conferred at the annual Commencement in June.

SUMMARY OF DEGREES, JUNE, 1937

Degrees in the Graduate School, conferred at Urbana:

Doctor of Philosophy.....	69
Master of Architecture.....	1
Civil Engineer.....	3
Electrical Engineer.....	1
Mechanical Engineer.....	1
Master of Arts.....	89
Master of Science.....	104
<i>Total, Graduate School, Urbana.....</i>	<u>268</u>

Baccalaureate Degrees, conferred at Urbana:

Bachelor of Arts, College of Liberal Arts and Sciences.....	373
Bachelor of Science, College of Liberal Arts and Sciences.....	97
Bachelor of Science, College of Commerce.....	240
Bachelor of Science, College of Engineering.....	180
Bachelor of Science, College of Agriculture.....	159
Bachelor of Science, College of Education.....	256
Bachelor of Science, School of Journalism.....	68
Bachelor of Science, School of Physical Education.....	10
Bachelor of Science, Library School.....	71
Bachelor of Science, College of Fine and Applied Arts.....	48
Bachelor of Fine Arts, College of Fine and Applied Arts.....	21
Bachelor of Music, College of Fine and Applied Arts.....	5
<i>Total, Baccalaureate Degrees, Urbana.....</i>	<u>1,528</u>

Degrees in Law, conferred at Urbana:

Bachelor of Laws.....	56
<i>Total, Law.....</i>	<u>56</u>

Total, Degrees Conferred at Urbana.....

1,852

Degrees in Medicine, conferred at Chicago:

Bachelor of Science in Medicine.....	101
Certificate in Medicine.....	(140) ¹
Bachelor of Medicine.....	7
<i>Total, Medicine.....</i>	<u>108</u>

Degrees in Dentistry, conferred at Chicago:

Bachelor of Science in Dentistry.....	28
Doctor of Dental Surgery.....	19
<i>Total, Dentistry.....</i>	<u>47</u>

Degrees in Pharmacy, conferred at Chicago:

Bachelor of Science in Pharmacy.....	56
<i>Total, Pharmacy.....</i>	<u>56</u>

Degrees in the Graduate School, conferred at Chicago:

Doctor of Philosophy.....	4
Master of Science.....	8
<i>Total, Graduate School, Chicago.....</i>	<u>12</u>

Total, Degrees Conferred at Chicago.....

223

Total, Urbana and Chicago, June, 1937.....

2,075

Degrees conferred in August, 1936..... 171

Degrees conferred in October, 1936..... 231

Degrees conferred in February, 1937..... 285

Doctor of Medicine, conferred since June 5, 1936..... 137

Total, Degrees Conferred Since Commencement in June, 1936..

824

Grand Total.....

2,899

¹Showing the completion of four years of work—not counted as degrees.

Degrees Conferred June 14, 1937, at Urbana

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Animal Husbandry

TOM SHERMAN HAMILTON, B.S., M.S., 1917, 1922.

In Botany

KATHERINE KINSEL, A.B., A.M., University of California, Los Angeles, 1931, 1934.

JAMES MORTON SCHOFF, A.B., University of Wyoming, 1930; M.S., 1932.

In Chemistry

RICHARD THOMAS ARNOLD, B.Ed., Southern Illinois State Normal University, 1934; M.S., 1935.

RODERICK CHARLES CARY, A.B., 1931.

JAMES MARTIN CROSS, B.S., M.S., 1931, 1932.

RUDOLPH EVERETT DAMSCHRODER, A.B., Hiram College, 1932; M.S., Syracuse University, 1934.

LEWIS ROYAL DRAKE, B.S., M.S., Northwestern University, 1933, 1935.

WILLIAM ALFRED FESSLER, B.S., University of Tulsa, 1934; M.S., 1935.

HENRY DORROH FOSTER, B.S., University of South Carolina, 1933; M.S., 1934.

ELBERT EGIDIUS GRUBER, B.S., Xavier University, 1932; M.S., 1934.

WILLIAM ERNEST HOLLAND, A.B., Indiana University, 1932; M.S., Brown University, 1933.

KENNETH KARL KEARBY, B.S., M.S., 1932, 1933.

ROBERT WILLIAM KREBS, B.S., M.S., 1933, 1935.

MARGARET LAWRENZ, B.S., Alabama Polytechnic Institute, 1931; M.S., Emory University, 1932.

FRANK CLIFTON MCGREW, B.S., M.S., University of Nebraska, 1934, 1935.

LILLIAN HOAGLAND MEYER, A.B., M.S., Washington University, 1930, 1931.

RICHARD FROMAN MILLER, A.B., 1933.

GLENN ALBERT NESTY, A.B., DePauw University, 1934.

ARTHUR JOHN PAIK, B.S., 1933; M.S., Pennsylvania State College, 1934.

PAUL SWITHIN PINKNEY, B.S., University of Wisconsin, 1934.

WILLIAM ERNEST ROSS, B.S., 1932.

MAX FERDINAND ROY, A.B., A.M., Rice Institute, 1931, 1933.

RALPH LOUIS EDWIN SEIFERT, A.B., Evansville College, 1934; A.M., 1935.

JANICE MINERVA SMITH, A.B., M.S., 1930, 1932.

CLARENCE ALBERT STIEGMAN, B.S., M.S., 1932, 1934.

CHARLES WILLIAM JOSEPH WENDE, A.B., Central College, 1934.

HAROLD DADFORD WEST, A.B., M.S., 1925, 1930.

ENNO WOLTHUIS, A.B., Calvin, 1932; M.S., University of Michigan, 1933.

In Dairy Husbandry

STEWART LAURENCE TUCKEY, B.S., M.S., 1928, 1930.

In Economics

ALLEN THOMAS BONNELL, A.B., A.M., Oberlin College, 1933, 1934.

LEAHMAE BROWN, A.B., University of Kansas, 1933; A.M., Tufts College, 1935.

ROBERT W. FIELD, B.S., University of Colorado, 1934; M.S., 1935.

CHARLES MILTON WHITLOW, B.S., University of North Dakota, 1928; M.S., New York University, 1929.

JOHN ELLIOT WILLS, B.S., M.S., 1925, 1932.

In Education

EUGENE HOLT WILSON, A.B., Arkansas State Teachers College, 1930; B.S.(Lib.), A.M., 1932, 1933.

In English

OLIVE PAULINE HENNEBERGER, A.B., Trinity College, 1928; A.M., Radcliffe College, 1930.
CAROLYN WASHBURN, A.B., Mount Holyoke College, 1927; A.M., Columbia University, 1928.

In Entomology

BARNARD DE WITT BURKS, A.B., A.M., 1933, 1934.

In Geology

GEORGE VINCENT COHEE, B.S., M.S., 1931, 1932.

In German

CHRISTIAN OTTO ARNDT, B.D., Concordia Seminary, 1927; A.M., Washington University, 1928; M.S., 1932.
ROBERT THEODORE ITTNER, A.B., 1931.
CHARLES HARRY STUBING, A.B., Wesleyan University, 1931; A.M., Columbia University, 1933.

In History

ROBERT GEHLMANN BONE, A.B., Wooster College, 1928; A.M., 1932.
JOHN HENRY KRENKEL, B.S., 1933; A.M., Claremont College, 1935.

In Mathematics

FRANK COOK GENTRY, A.B., A.M., University of Oklahoma, 1929, 1930.
VIRGINIA MODESITT, A.B., Mount Holyoke College, 1931; A.M., 1932.
SALLIE ELIZABETH PENCE, A.B., A.M., University of Kentucky, 1914, 1928.
ROBERT McDOWELL THRALL, A.B., Illinois College, 1935; A.M., 1935.
FELIX PERRY WELCH, B.S., Mississippi State College, 1929; A.M., University of Texas, 1932.

In Physics

ROBERT OBED BURNS, B.S., Knox College, 1931; M.S., 1933.
CECIL GORDON DUNN, A.B., University of Montana, 1931; M.S., 1933.
GEORGE KENNETH GREEN, B.S., M.S., 1933, 1935.
GEORGE RANKIN IRWIN, A.B., Knox College, 1930; A.M., 1933.
HOWARD SPARLING PATTIN, A.B., Marietta College, 1931; A.M., 1933.
MERRILL PAUL RASSWEILER, B.S., Beloit College, 1930; M.S., 1932.
HARVEY ALBERT SCHULTZ, A.B., North Central College, 1933; A.M., 1935.
WILLIAM EARL SHOUPP, A.B., Miami University, 1931; A.M., 1933.

In Political Science

HUNG TI CHU, A.B., University of Wisconsin, 1932; A.M., University of Missouri, 1933.
CHARLES NOLAN FORTENBERRY, A.B., A.M., University of Mississippi, 1931.
JACK FEIN ISAKOFF, A.B., Western Reserve University, 1931; A.M., Ohio State University, 1932.
ROBERT WALLACE RAFUSE, A.B., Colgate University, 1934; A.M., 1935.

In Romance Languages

BOYD GEORGE CARTER, A.B., College of William and Mary, 1929; A.M., 1933.
MARGARET KIDDER, A.B., Morningside College, 1923; A.M., 1929.
LOUISE FINLEY LODGE, A.B., A.M., 1924, 1931.

In Zoology

WILLIAM MILTON BRIGHT, A.B., M.S., Howard University, 1926, 1930.
MALCOLM STUART FERGUSON, A.B., A.M., University of Western Ontario, 1932, 1934.
NORMAN THOMAS MATTOX, A.B., Miami University, 1933; M.S., 1934.
ARTHUR CORNELIUS TWOMEY, B.S., University of Alberta, 1933; M.S., 1935.

Professional Degrees in Engineering*Degree of Master of Architecture*

EDGAR EMMANUEL LUNDEEN, B.S., 1923

Degree of Civil Engineer

LORENZO DONALD DOTY, B.S., Denison University, 1925; M.S., 1933

WINFRED DEAN GERBER, B.S., 1899

LEWIS KEEFER OESTERLING, B.S., 1929; M.S., Carnegie Institute of Technology, 1936

Degree of Electrical Engineer

FRED H. MCCLAIN, B.S., 1910

Degree of Mechanical Engineer

WARDEN FORSYTH WILSON, B.S., 1925

Degree of Master of Arts*In Botany*

WALTER HOWARD BROWN, B.Ed., Illinois State Normal University, 1932

DONALD KENNETH ECKFELD, B.S., 1934

In Chemistry

ROBERT JAMES BUSWELL, A.B., 1936

RICHARD MELVIN HASKINS, A.B., DePauw University, 1936

In Classics

THEODORE BEDRICK, A.B., Brown University, 1936

ELEANOR ELIZABETH STOVER, B.Ed., Illinois State Normal University, 1936

HELEN LOUISE WESTRUP, B.Ed., Eastern Illinois State Teachers College, 1932

In Economics

J. RUSSELL BONER, A.B., University of Colorado, 1928

SHIH TSUN CHA, A.B., Fuh Tan University, 1935

DWIGHT PRESCOTT FLANDERS, A.B., 1931

EDWIN RUSSELL HODGES, A.B., 1936

JAMES IRA MILLS, A.B., Augustana College, 1927

EDWARD WILSON REED, B.Ed., Southern Illinois State Normal University, 1936

MING-CHAO YANG, A.B., National Tsing Hua University, 1932

In Education

CHARLES HUSTON BURCH, A.B., Culver-Stockton College, 1932

ELEANOR VIVIAN DAVIDSON, A.B., University of Southern California, 1930;

B.S.(Lib.), New York State College for Teachers, 1933

OLLIN LITTLE DRIVER, A.B., Eureka College, 1924

EVERETT LAWRENCE GREEN, B.Ed., Eastern Illinois State Teachers College, 1926

JOHN HERBERT GRIFFITH, A.B., Knox College, 1931

WESLEY GUSTAVE HAAG, B.Ed., Illinois State Normal University, 1929

NEAL HENRY, B.Ed., Western Illinois State Teachers College, 1930

FRANCES DELORES HOWARD, A.B., 1932

AGNES CECILIA KOSCIELNY, B.S., 1932

DOROTHY ELIZABETH LIVESEY, A.B., 1930

JACK B. LORTZ, A.B., 1936

EDNA MAE McDILL, A.B., Monmouth College, 1925

DOROTHY EVELYN MOHN, B.S., 1935
 EVERETTE CASSELL NICHOLS, B.Ed., Illinois State Normal University, 1931
 LEMAN KENNETH PHILBROOK, B.S., McKendree College, 1930
 WILLIAM BROSE PHILLIPS, B.Ed., Southern Illinois State Normal University, 1933
 CLIFFORD FINLEY REID, A.B., 1931
 GRACE STURM, A.B., Syracuse University, 1936
 DOROTHY FAY VOSE, A.B., 1929
 DAVID E. WESTWATER, B.S., 1926

In English

ALFRED CAMPBELL AMES, A.B., University of Kansas, 1936
 JAMES EDWARD BELTON, B.S., 1933
 DOROTHY ELISABETH BOYS, A.B., Northwestern University, 1934
 BEULAH ANNE COLLINS, B.Ed., Illinois State Normal University, 1931
 PAUL JOHN COOKE, A.B., 1936
 ROBERT GORDON HALLWACHS, A.B., North Central College, 1936
 ROBERT FINE DAVIS, A.B., 1926

In Physiology

JOHN EDWARD SULLIVAN, B.S., 1935

In Political Science

GERALD LEROY ARNETT, A.B., 1935

CHIEN-YAO CHIANG, A.B., University of Nanking, 1930

JULIA JUANITA HENDERSON, A.B., 1936

MARY ELEANOR MCCOY, A.B., Carthage College, 1936

RALPH JOSEPH THOMAS MOLONEY, A.B., 1932; J.D., John Marshall Law School, 1934

LING TUNG, A.B., Fuh Tan University, 1928

GEORGE HENRY WATSON, A.B., Miami University, 1936

In Psychology

ELI ALLAN LIPMAN, A.B., 1935

MARY BETTY MCCREARY, A.B., 1934

In Romance Languages

EDNA MAE EDWARDS, A.B., 1935

LOUISE BEATRICE FENOGLIO, A.B., 1936

CAMILLE FERRARA, A.B., 1935

FRANCES LAMORA KAAR, A.B., 1934

IRA OLIVER KARRAKER, JR., B.Ed., Southern Illinois State Normal University, 1936

VALERA DORIS PACE, A.B., Nazareth College, 1935

EARL WESLEY THOMAS, A.B., 1936

In Sociology

CARL WILLIAM BIRKY, B.S., 1933

JOSEPH THOMAS TAYLOR, A.B., 1936

In Zoology

CLARENCE JAMES GOODNIGHT, A.B., 1936

STEPHEN WOOD GRAY, A.B., Lake Forest College, 1936

WALDO CECIL POE, A.B., Hanover College, 1936

CHARLES RALPH WILLIAMS, A.B., 1937

Degree of Master of Science*In Accountancy*

HEIMIE EDWARD BREEN, B.S., 1932

LOUIS MCGLENTHE KESSLER, B.S., 1935

POO-REN LIU, A.B., Great China University, 1935

In Agricultural Economics

FRANK MASON ATCHLEY, B.S., Iowa State College, 1933

AUBREY J. BROWN, B.S., 1935

WALTER BERTRAND LACEY, B.S., 1930

GEORGE EUGENE MERCER, B.S., 1925

CHARLES RICHARD SAYRE, B.S., 1935

In Agronomy

KING YU LIANG, Ingénieur Agricole de l'Université de Toulouse, 1934

In Architecture and Architectural Engineering

GABRIEL DUMLAO CARPIO, B.S., 1931

LYLE VINSON DEWITT, B.S., 1936

BEVERLY LORRAINE GREENE, B.S., 1936

CHUNG HSU, B.S., National Central University, 1935

WILLIAM HUNT SCHEICK, B.Arch., Carnegie Institute of Technology, 1928

JOHN ELMO SWEET, B.S., 1927

In Bacteriology

CYNTHIA CONKLIN, A.B., James Millikin University, 1935
LLOYD FRANCIS FOX, B.S., 1934
JEANNE FRANCES MILLER, B.S., 1936

In Business Organization and Operation

MAX DONALD SNIDER, B.S., 1936

In Ceramic Engineering

WILLIAM WEBER COFFEEN, B.S., 1935
CARL HENRY ZWERMANN, B.S., 1929

In Ceramics

LIONEL RICHARD BARRETT, B.A., B.Sc., University of Oxford, 1933, 1934

In Chemistry

ERNEST ERWIN ALLEN, B.S., 1936
VINCENT FRANK BALATY, B.S., 1935
DONALD GEORGE BOTTERON, A.B., 1936
THEODORE AMBROSE BRADBURY, B.S., 1933
MERLE H. CHAMBERLIN, B.S., 1935
ELONZA ALEXANDER CLEVELAND, B.S., Western Tennessee State Teachers College, 1936
WILLARD BENNETT EASTMAN, A.B., 1936
EMANUEL GINSBERG, B.S., New York University, 1936
JEROME KAUFMAN, A.B., Brooklyn College, 1936
FRANK ROBERT KONIUSZY, B.S., 1936
RAYMOND LARGENT, B.S., Shurtleff College, 1933
SEYMOUR LIEBERMAN, A.B., Brooklyn College, 1936
ROBERT LEE MAY, B.S., 1935
DONALD BURTON MELVILLE, B.S., 1936
JOHN WENDELL ROBINSON, JR., B.S., Northwestern University, 1931
CARL F. SEGAL, B.S., 1936
WILLIAM MORTON SHINE, B.S., Washington University, 1934
JOHN VERGIE SHIRER, A.B., Ripon College, 1936
JIA JONG SHY, B.S., Tsing Hua University, 1929
WILFRED OLIN TAFF, B.S., Western Kentucky State Teachers College, 1934

In Civil Engineering

IBRAHIM NEDJDET ARIN, B.S., Robert College, 1936
ANASTASIS DEMETRE ATESHOGLOU, B.S., Robert College, 1936
WEN-TSING CHANG, B.S., St. John's University, 1936
NEJAD ENÜSTÜN, B.S., Robert College, 1935
SOPHOCLES GULBALIS, B.S., Robert College, 1936
MAHMUT KARASABAN, B.S., Robert College, 1936
SHAO CHANG LI, B.S., Chiao-Tung University, 1935

In Dairy Husbandry

EMMETT EZEKIEL ORMISTON, B.S., 1935

In Economics

DELBERT EDWARD FIOCK, B.S., 1934
ROSCOE RAYMOND GIFFIN, JR., B.S., 1936
JOHN TALBOT MASTEN, B.S., 1936
JOHN ALLAN MCCLURE, B.S., 1933
YUEH-CHIUNG PU, A.B., Yenching University, 1931
KENNETH LEWIS TREFFTZS, B.S., 1936
WINFIELD LYLE WILLHITE, B.S., Lewis Institute, 1936

In Education

WILLMER OLOF ALSTROM, B.S., 1934
CHARLOTTE BAUER, B.S., 1935
ALBIN GODFRED BILLING, B.S., 1923
LUTHER JOSEPH BLACK, B.Ed., Eastern Illinois State Teachers College, 1931
MARGUERITE PIERCE DOLCH, B.S., 1926
J. RAYMOND HOFFNER, B.Ed., Southern Illinois State Normal University, 1932
OWEN ORRIS HUBBELL, B.Ed., Illinois State Normal University, 1934
FRED WILLIAM KASCH, B.S., 1935
DORA MARIE PASEL, B.S., 1932
PAULINE MAY RIEDELBAUCH, B.S., Illinois Wesleyan University, 1927
IRVIN JANDT SCHNEIDER, B.S., Greenville College, 1929
EDWIN WILLIAM SKAER, B.S., Washington University, 1935
MARY SMITH, B.S., 1936
CHARLES STALEY, B.Ed., Southern Illinois State Normal University, 1931
ARTHUR NELSON TRAMMELL, B.Ed., Southern Illinois State Normal University,
1930
MAUDE BRUCE WALLACE, B.Ed., Illinois State Normal University, 1930
SCOTT BENNETT YORK, B.S., 1934

In Electrical Engineering

WALLACE ANDREW DEPP, B.S., 1936
GEORGE ROLAND PEIRCE, B.S., 1936
JAMES ALBERT STEWART, B.S., Purdue University, 1935

In Geology and Geography

WILLIAM HAMMOND ALLEN, A.B., 1936
VICTOR NATHANIEL FISCHER, B.S., Beloit College, 1934
WILLIAM ALBERT NEWTON, B.S., 1935

In Library Science

HAROLD WALTER BATCHELOR, A.B., University of Oregon, 1932; B.S.(Lib.), 1933
ELMA IRENE COURTER, A.B., University of Kansas, 1926; B.S.(Lib.), 1930
MARY RAMON KINNEY, A.B., B.S.(Lib.), 1928, 1929

In Mathematics

NATHAN GOLDMAN, B.S., George Washington University, 1936
FRANZ EDWARD HOHN, B.S., McKendree College, 1936

In Physics

ELBERT PIDGEON CARTER, B.S., 1936
RALPH GUY LABAW, B.S., 1936
JAMES FRANKLIN MADOLE, B.S., Western Kentucky State Teachers College, 1935
ROBERT CURTIS RETHERFORD, B.S., 1935
ROBERT ROGERS, A.B., 1936
HERBERT JOHN SPRENGEL, B.S., 1936

In Physiology

VICTOR BOUTIN, A.B., 1936

In Psychology

HARRIETT ADELINE CANTRALL, A.B., MacMurray College, 1936

In Railway Engineering

KWAN TSUNG CHEN, B.S., Chiao-Tung University, 1932
WEN KWEI KU, B.S., National Wu-Han University, 1933
HERMAN JOHN SCHRADER, B.S., Purdue University, 1923

In Zoology

ROSE CHERIE BOURGIN, B.S., 1935
 MARTHA LEE BOZEMAN, A.B., Rockford College, 1935
 PAUL VICTOR GUSTAFSON, B.S., Whitworth College, 1936
 CHARLES WILLIAM HUSSEY, A.B., Illinois College, 1930
 CHRIS WALTER MARKUS, B.Ed., Southern Illinois State Normal University, 1936
 LENORE MARTIN, B.Ed., Southern Illinois State Normal University, 1935
 EDNA MAE PRATT, B.S., 1936
 CLARENCE ANDREW STEVENSON, B.Ed., Southern Illinois State Normal University,
 1932

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

NORMAN MELVILLE ADAMS	LYMAN WORTHING BODMAN
KATHRYN ELOISE ADKISSON, with	HARVEY DANIEL BORGER
Highest Tutorial Honors in	ENA MAE BOUSLOG
History	WILLAJANE BOYCE
PERLE HELENE ADLER	JOHN JAMESON BOYD
THEODORE LEE AGNEW, Jr., with Highest	GAIL IRENE BOYER, with Honors in
Tutorial Honors in History	French
IDA MAE AGRUSS, with Honors in	ROBERT SHAW BOYNTON
French	NANCY MARGARET BRANYAN
GODFREY COLUMBUS AIELLO	NANCY LOUISE BREHM
JANE FRANCES ALEXANDER, with	CHRISTINE JESSIE BROCK
Honors in French	THELMA LUCILE BROOK, with Honors
JAMES CONDEE ALLEN	in French
DONALD FELIX ANDERSON	CAMERON BROWN
ANTHONY MICHAEL ANZALONE	GEORGE HENRY BROWN, Jr.
BETTY LOUISE ARBUCKLE	WILFERD ELDON BROWN
LEONARD ARKISS	ALLEN EDESEL BRUBAKER
LOUISE WRIGHT ASTELL, with High	THEA AMANDA BUER
Honors in English	RUTH ANN BUFFINGTON
RUTH BYRD BAAR	GEORGIALEE BULL
MARY DAVIS BALL	ANNA ROSINA BULLINGTON, with
MARGARET JANE BARBER	Honors in Political Science
DONALD FRANKLIN BARKLEY	EMMETT WALTER BURDSALL
MATTHEW JULIUS BARMAN	ANNE MATILDA BURNS
DOROTHY JUNE BAUGHMAN	MARTHA ELIZABETH BURRIDGE
OTTO EDWARD BAUM	VIRGINIA ELLEN BUSSE
LEONARD ALBERT BECKER	BETTY ANNE BYERS
EVELYN ROSE BENSON, with Honors in	REBECCA MARY CABEEN
History	EMMETT RALPH CAPPS
FRANK MOREHOUSE BENSON	MARJORIE HENRIETTA CARLSON
MURL L. BERNSTEIN	MARVIN CARMACK, with Highest
JEROME BERRENT	Tutorial Honors in Chemistry
MARIE ALMA BERTONI	HELEN CATLIN
RAYMOND PAUL BILGER, with Tutorial	WILLIAM CHEORVAS
Honors in History	ELINOR CORINNE CHILTON
ROBERT J. BINFORD, Jr.	BARKLEY LAX CLANAHAN
WILLIAM FRANK BISHOPP, Jr., with	MILDRED CLEIN
Honors in French	RUTH ELIZABETH COGDAL
LOUISE HELENE BITTNER	GERSHOM RALPH COHN
MARY BETH BLAIN	SCHILLER AURELIUS COLBERG
BETTY MARY ELIZABETH BLAIR, with	MARY EDNA COLBY
Honors in French	ARTHUR BENEDICT COLLINS
ROBERT JUSTIN BLOTCHER	RALPH WATERBURY CONDEE
DOROTHY HELEN BLUM	JOSEPH EDGAR COOPER

- RICHARD WILLIAM CORMAN
 JANE FERRIS CRAIN
 WILLIAM FRANCIS CRANNELL
 GLORIA CRAWFORD, with Honors in
 History
 JEAN GLADYS CREAMER
 ANN LUCILE CROFFORD
 ROGER BRONSON CROSS
 MARY PHYLLIS CUNNINGHAM
 JOSEPH JOHN DALY
 RALPH FORREST DE LONG
 ARNO HARRY DENECKE
 WILLIAM ERNEST DE TURK, with
 Tutorial Honors in Zoology
 DOROTHY DILLON
 HOWARD TAYLOR DIXON
 DWIGHT HAMILTON DOSS
 ARTHUR HAMILTON DOUGLAS, Jr.
 FRANK JAMES DOYLE, Jr., with Tutorial
 Honors in English
 BYRON BROWN DRESSLER
 RAYMOND DUBOW
 MORRISON ARCHIBALD DUMAS
 JESS WILLARD DUNGEY
 ROBERT JAMES DURIN
 GAYLE JEAN DWORNIK, with Honors in
 History
 GEORGE WILLIAM EASTERBROOK
 TRAVER WILLARD ELLIS
 ARTHUR VERNON ESSINGTON, Jr.
 RAYMOND MAURICE EWALD
 HELEN ELIZABETH FAWKNER
 VLASTA BARBARA FERES
 ROBERT MORGAN FINK
 DOROTHY MAY FLANEGIN
 MILETUS LAFAYETTE FLANINGAM, Jr.
 MARY ELIZABETH FLETCHER, with
 Honors in French
 MILDRED MERLE FLETCHER
 LOUISE FLORA
 AMY LOUISE FLORANCE
 FREDERICK JACK FOERSTERLING
 SIDNEY FOHRMAN
 FLORENCE MARY PORTLEY FORD
 JEAN CAROLYN FORSTER
 BETH LOUISE FOWLER
 RICHARD CRAWFORD FRANKLIN, with
 High Tutorial Honors in Chemistry
 SHOLEM DAVID FRIEDLANDER
 WILLIAM EMERSON FRYE, with Honors
 in Physics
 BERNICE MILDRED GALINSKY
 MERLIN ESTES GARBER
 IONA ELIZABETH GEACH
 JEAN HOWARD GILBERT
 ROBERT JACK GOLDBERG, with Tutorial
 Honors in Zoology
 HELEN ELSIE GOLK
 DOROTHY MARY GOODMAN
 MICHAEL JACOB GORDON
 ELEANOR ANN GOSSETT
 MORRIS LEE GREEN, with High Honors
 in French
 GORDON SMITH GREGORY
 IDA LA VERNE GRITTON
 CHARLES JULIAN GUSTIN
 RICHARD HERMAN GUTSTADT
 JANE ELIZABETH HADDEN
 RITA JOSEPHINE HAGEL
 BARBARA RUTH HALL
 JOHN THEODORE HAMBROOK
 WILLIS BEATTY HAMILTON
 ALDEN NED HANEY
 THELMA MARIE HANSON, with High
 Honors in Sociology
 RUTH JEANNETTE HARTLEY
 ARTHUR DAVIS HAWKINSON
 GARWOOD FRED HEADS
 HELEN MAE HEATH
 MARY FRANCES HEERMANS
 MILDRED LUCILE HEIMAN
 IDA CAROLYN HEMINGWAY
 WILLIAM JOHN HENNIG
 PHILIP HILL, with Highest Tutorial
 Honors in Chemistry
 JOSEPH FLOYD HINDMAN
 MERLIN GERALD HISCOTT
 GEORGE PAUL HIXON, Jr.
 JOHANA HOFFMAN
 CHARLES JACOB HOKE
 JOHN GROVER HOLLAND
 MARGARET ALMA HOLT
 ROBERT SAMUEL HOLTY
 JOHN ALBERT HOLTZMAN
 GILBERT ALFRED HORN
 JACK EVERETT HORSLEY
 RICHARD STEWART HUDSON, with
 Honors in Economics
 HARVEY NATHAN HUMBLE
 MARY ELIZABETH IBALL
 LILLIAN INGALLS, with High Honors in
 History
 MILDRED LOIS JACKSON
 IRENE JACOBSON
 ANNA LOUISE JENSEN, with High
 Tutorial Honors in English
 CAMILLE FRANCES JENSEN
 VIVIAN FRANCES JENSEN
 ARBER JOHNSON
 ALTA GENIEVE JOKISCH
 FANNY LA VERNA JONES
 GRACE DORIS JONES
 WILLIAM ROBERT JONES, with High
 Honors in Classics
 ELLIOTT KALCHEIM
 STELLA KAMAROUSK
 SYLVIA GENEVIEVE KATZ
 ERNEST BYRON KELLY, Jr.
 JEAN E. KENDALL, with Honors in
 English
 HOWARD QUENTIN KESSLER
 CATHERINE KILEY, with Honors in
 English
 BEN DUVALL KININGHAM, Jr.
 AMY VIRGINIA KINSEY

EUGENIA BUSCH KIRCHER
 ALYCE ELINORE KLOOS
 RICHARD LAURENCE JOHN KOBZA
 MARY MAUDE KOORS, with Honors in
 History
 JAMES GRANT KOSTKA
 RAYMOND MATTHEW KOZUL, with
 Tutorial Honors in History
 WILMA LOUISE KRING
 WAUNETTA EVELYN KRUSE
 KATHRYN HASKIN KUHNEN
 ANNAMARIE KUNZ, with Honors in
 Sociology
 SYLVIA KURTZON, with Honors in
 French
 CATHERINE MARIE KYLES
 WILLIAM WINTER LANGEbartel
 RUTH ELIZABETH LARGE
 GERALDINE HELEN LARKIN
 FERN MARTHA LARSON
 ROBERT CLYDE LAWSON
 ETHEL JONES LAY
 THOMAS JASPER LAYMAN
 GLADYS LUCILLE LEAMAN
 ARNOLD HAROLD LEAVITT
 CECILLE LEFKOWITZ
 KENNETH RAYMOND LEIFERMANN, with
 Honors in Philosophy
 THELMA VIOLA LEONARD
 ROBERT HAROLD LEVIN, with High
 Tutorial Honors in Chemistry
 HOWARD LEVINE, with High Honors in
 Chemistry
 IRENE PEARL LEVIS
 NORMAN ROBERT LIEBLING
 RAYMOND ALBERT LIPPENS, with
 Honors in Political Science
 HELEN ROBERTA LOCKHART
 VIOLA LOESEKE, with Tutorial Honors
 in English
 VIRGINIA LOUISE LOUNSBURY
 JOHN SHARP LOVELESS
 CAROLYN SAWYER LOWRY, with Honors
 in Sociology
 MARJORIE NELLE LOWRY
 FREDERICK WILLIAM LOYD
 MARJORIE ELISABETH LYNN
 AMELIA JANE MANGAS
 HELEN HOWE MARTIN, with High
 Honors in English
 SHELBY MARLOW MARTIN
 LOWELL E. MASSIE, with Honors in
 Chemistry
 FLORENCE CRATHORNE MATTOON
 JUANITA GERTRUDE MAU
 JAMES FRANKLIN MAYNARD
 MARJORIE LAURA MCCAULEY
 MARY CELESTE MCCORMICK
 CLINTON B. MCKEOWN
 ROBERT JOHN MCMENAMIN
 ROSEMARY BETTY MCVEY
 WALTER LA VERGNE MEIMA

MILDRED LOUISE MELLENCAMP
 FAY VICTORIA MELVILLE
 VIRGINIA ROSE MERRINER, with Honors
 in German
 ELIZABETH JANE MIDDLETON
 CARL VENCIL MILBURN
 HELEN STAHL MILES
 MORRIS FRANKLIN MILLIGAN, with
 Highest Tutorial Honors in
 Chemistry
 CHRISTINE MCNICOL MORSE
 CARL WALTER MORTENSON, with High
 Honors in Chemistry
 HELEN MIRIAM MOTENKO
 ARDEN WESLEY MOYER
 GENEVIEVE MYERS, with Honors in
 French
 LEDA CECILE MYERS
 JOSEPH ALBERT NASER
 BERNABE NAVARRO
 MARY ELIZABETH NEAL
 FERN BERNICE NELSON
 STUART MURRAY NEWSOM
 MARY ELIZABETH NICOLL
 BEULAH BLANCHE NORTON
 SAUL LEONARD NUZIE
 WILLIAM CHARLES OAKLEY
 EDWARD FRANCIS O'BRIEN
 JOHN JOSEPH O'CONNELL, III
 DOROTHY VIRGINIA OPOLDUS
 FABIAN SEBASTIAN OSTROWSKI
 GEORGE MARINUS OUDYN, with High
 Honors in French
 DORIS LOUISE OVERTURF
 SHIRLEY MAY OYEN
 DOROTHY HARDING PARKER
 RUTH ELIZABETH PARKS
 MARJORIE ALICE PARMELY
 DAVID HALLIWELL PATTON
 GEORGE FRANCIS PAWLING
 HELEN VERA PAYNE
 WARREN FREDERIC PEARCE, Jr.
 EDWARD THIELENS PEEPLES
 HENRIETTA CORENNE PENCE, with
 Honors in French
 ROBERT DUNNINGTON PERKINS
 MARIAN BERTHA MARTHA PIEPER, with
 Honors in English
 LON V. PORTER, Jr.
 DALIAS ADOLPH PRICE, with Honors in
 Geography
 WANDA CLAIRE PRINGLE, with Honors
 in French
 HERBERT FINDLEY PROPPS
 BETTY JANE PROUTY
 EDWARD KINZIE PRYOR
 FRANCIS MCCONNELL PULLIAM, with
 High Honors in Mathematics
 RICHARD KENNEDY RAINEY
 DONALD EDWIN RASMUSSEN
 DOROTHY CAROLINE REASONER
 EMORY KEITH REES, with High Honors
 in German

JOE FRANCIS REILLY
 THOMAS ARTHUR REINER
 ROBERT CARLISLE RENDTORFF
 RUTH CHARLOTTE RICH
 ARTHUR EDWARD RITCHER
 JOHN ROBERT ROBB
 GLEN STERLING ROBERTS
 CHARLES GORDON ROBINSON
 MARY KATHRYN ROCKHOLD
 CAROL ROLPH
 EUGENIA JEANETTE ROM
 ROBERT HEINRICH ROSENTHAL
 FREDERICK EARL RUSK
 IRWIN BURTON RUTKIN
 EDWIN BRUCE RYDER
 WILLIAM KENNETH SALSTROM
 KARL SIXTEN SANDBERG
 ANNA MARIE SCHAEFER
 JOHN PAUL SCHAFER
 JOHN LEO SCHMIDT
 RENNETTE ELEANOR SCHPOK
 ERMA PAULINE SCOTT
 CHARLES FRANKLIN SEALES
 PIERCE LEO SHANNON, JR.
 PHILIP JOSEPH SHARKEY, JR.
 JEAN STEWART SHEPARD
 HOWARD JOHN SIEVER
 RITA CHRISTINE SIMMONS
 THOMAS DURWARD SIMMONS
 CASIMIR THOMAS JOSEPH SLIWA
 DONALD CHANNING SMITH
 RUTH VIRGINIA SMITH
 VIRGINIA JULIANNA SMOYER
 HELEN ELIZABETH SNYDER
 MARGUERITE ANITA SOLBERG
 MARY MARGRET SOLON, with Honors
 in English
 JEAN MARY SOUCI
 LOUISE HENRYETTA STEARNS
 IRVING G. STEINBERG
 GRUNDY STEINER, with High Tutorial
 Honors in Latin
 NELL DREAN STIGLITZ
 MARGERY ELIZABETH SUHRE
 FAY ISABELLE SULLIVAN
 WILLIAM JOHN SUNDERMAN
 IRVING SURIE
 LEO EDWIN SUYCOTT
 ANNE JEANETTE SWANSON, with Honors
 in Speech

FREDERICK LEON SWIRCK
 LUCILE ELIZABETH SYDOW
 TED STEPHAN TAYLOR
 PARKER WILLIAM THOMAS
 MARY ELLIOT THOMSON
 JOSEPHINE MARY THRAPP
 SELIM NORMAN TIDEMAN, JR.
 GEORGE TRAICOFF, with Honors in
 Political Science
 SARA TRETIAK
 BARBARA FRANCES TUTTLE
 CHARLES ROBERT TWOMLEY
 OLIVAN UEBEL
 DOROTHY FRANCES UNDERWOOD
 JOHN EMIL URBAS
 GAIL MARY VANCE
 CLARA VAN TIL
 JOHN THOMPSON VERNON
 CHARLES NELSON WAGNER
 WILLIAM ISAAC WALDRIP, with Honors
 in History
 HENRY GEORGE WALKER
 MARY JANE WEBERG, with Honors in
 English
 LAWRENCE CAMPBELL WELLS
 MAURACE HENRY WELLS, with Honors
 in Political Science
 KATHRYN LUCILLE WHARTON
 EUGENE JOHN WHITE
 HARRIET BEATRICE WHITE
 RUTH LILLIAN WHITLOCK, with
 Honors in German
 WILLIAM LEE WIERMAN
 HELEN EVANS WILLIAMS, with High
 Honors in Psychology
 JAMES HUNTER WILLIAMSON, with
 Highest Tutorial Honors in
 Philosophy
 SAMUEL WILLIAMSON
 DOROTHY MAE WILSON
 WILLIAM THOMAS WILSON
 EVELYN WOOLERY
 SIGMUND PETER WYSOCKI
 BEULAH MAY YOUNG, with Honors in
 Latin
 ELEANOR YOUNG
 JOHN RICHARD YOUNG
 WYOLENE LOWE YOUNG
 SCOTT HENRY ZAHREN

In Home Economics

MARION ADA KAESER, with Honors
 MARGARET LEAH LUTZ

JEAN FRANCES ROBINSON, with Honors

Degree of Bachelor of Science

In Liberal Arts and Sciences

ROBERT PARSONS BLATCHLEY
 ROBERT DAVIDSON BOWER
 PATRICIA NAISMITH BRAUN

MILTON WALTER BUEHRIG
 CHARLES RICHARD BUELL
 FORREST EDGAR CLARK

HOWARD VINCENT CLARK
 KENNETH ORRIS EMERY, with High
 Honors in Geology
 JAMES B. FISHER
 LOUIS MILTON GOLDMAN, JR.
 GEORGE GORDON GRALAK
 RAYMOND TOBIAS GUTMAN
 GEORGE OGDEN HALLAM
 RICHARD EUGENE HENDRIX
 MILTON EDWIN HERR
 ROBERT LOUIS HOLIDAY
 JOHN THOMAS HOWE
 GEORGE FRANCIS JOHNSON
 RALPH FRANK KOEBBEMAN
 JOHN LAWRENCE LESTER

JOSEPH BODE MOUNTJOY
 ROSEMARY O'NEILL
 RICHARD NEWTON POTTER
 MYLO GLENN ROBERTS
 MARGUERITE CLAIRE SHERIDAN
 KATHERINE POST SIMPSON
 CARL WILLIAM SODERSTROM
 PAULINE ANABEL STICKLE
 ROBERT McMACKIN STUART
 GEORGE SVIHLA
 CAROL MARGARET WHITMAN
 JEAN INGLIS WIDGER
 WALTER SIEGFRIED WORMSER, with
 High Honors

In Chemistry

KENNETH MARTIN BROBST
 JOHN NORMAN COSBY
 FRED GEORGE CROAD
 ROZEL EVERETT CURTIS
 DOROTHY DEAL
 WARD EDWIN FISHER
 THOMAS EDWARD FRANKS
 ANDREW GEORGE GORCZYCA
 FREDERICK LEON HELLER
 CORRIS MABELLE SHIRLEY HOFMANN
 ROY HONG
 HERBERT TODD IVESON, with High
 Honors

JULIUS FRANK KAPLAN
 RUSSELL JOHN KEIRS
 OTTO CORNELIUS KLEIN
 ROY FRED LARSON
 ELIZABETH MARY OSMAN
 CHARLES FRANCIS PORTER
 WILLIAM CHRISTIAN RISSE
 ROBERT IRA SCHUB
 GERHARD RAY SPRENGLING
 KENNETH O'HARRA STEVENSON
 ALEXIS CORNELIUS SVIGON
 GEORGE PHILIP WEBER

In Chemical Engineering

JOHN RAYMOND BINGHAM
 ALVIN BROWDY
 ANTHONY RICHARD BULAT
 GEORGE JERRY BURCAL
 GEORGE THOMAS CARROLL
 RICHARD JOHN DOUBEK
 ERNEST MORRIS EUBANKS
 HARRY DEAN EVANS, with High
 Honors
 LOWELL LEE FELLINGER, with High
 Honors
 JOHN FREDERICK FRANK, JR.
 MURRAY GLEESON
 EUGENE PETER GOODMAN
 PAUL DAVID GRUBB
 JEROME GUREWITZ
 HARLAN AMES HASHBARGER
 JOSEPH CHARLES HEJL
 PAUL WELLAND HENLINE
 GLENN HERBOLDSHEIMER, with High
 Honors
 JAMES BRUCE HUNTER, with Honors
 EARL FRANKLIN JENNINGS, JR.

GERALD DETRING LUCKER
 COLEMAN JOSEPH MAJOR, with High
 Honors
 GERALD EDWIN MARGRAVE
 DON L. McCANN
 RAYMOND GEORGE PENNER
 NICHOLAS RELICH
 EUGENE OTTO RETTER
 FRANK HORATIO RUSSELL
 VERNE LOYD SIMRIL
 ROBERT CARLISLE SIVERT
 JOSEPH JAMES SLEMENDA
 JOHN CHARLES STEINBERG
 RICHARD PHILEMON STOUT
 HARRY NICHOLAS TATOMER
 HODGE SCOTT TAYLOR
 FRANCIS EDWARD WEEG
 FRED ERNEST WINTZER
 CHESTER ARVID WOHLBERG
 JOSEPH SAMUEL WOOTERS
 DONALD MAXWELL WROUGHTON, with
 High Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DALLAS FAY ACHENBACH
 HELEN DOLORES ALEKSIUN

CARL BRICE ARCHIBALD
 HARVEY DONALD BENDER

JOHN GEORGE BERTOGLIO, with Honors
 TRACY LEONARD BESWICK
 PAUL FREDERICK BLASS
 BYRON BOYD BLOUT
 ROBERT ALLEN BOWEN
 HYMEN BURSTEIN, with High Honors
 GEORGE S. CERNY, with Honors
 ELMER PAUL CLUVER
 MAX EUGENE COOPER
 SIDNEY CORUSH
 BENJAMIN FRANKLIN CUMMINGS
 JAMES O. EATON
 HARRIS WYLAND EHLE
 KENNETH CHARLES EKISS
 RICHARD BUNDY ENSIGN
 JACK LAWRENCE FENNIE, with High Honors
 WILLIAM CURTIS FOSSETT, with Honors
 FRANK JOHN FRECH, JR.
 JOHN KARL GAINES, with Honors
 ROBERT FREDERICK GILLHOUSE
 FRED WILLIAM GROHNE, JR.
 EMORY CHARLES GUYNN, with Honors
 WILLIAM DIGBY GUYNN
 WILLBURT DUNN HAM, with Honors
 CONRAD FRANK HLAVACEK
 NOLAN NANEY HODGES
 JOSEPH JAMES JANECEK
 LEON NORTHRUP JOHNSTON
 SARAH KATZ
 JOSEPH PETER KERPAN
 SARA KLASS
 JOHN WILLIAM KLUBERG, with Honors
 ROBERT RAYMOND LAUBER, with Honors

ROBERT EGNELL LAURENCE
 DONALD EDWARD LAWRENCE
 HERMAN LEE
 WILLIAM JOSEPH LIERMAN, JR.
 MARVIN TALLMAN LINDSAY
 KENNETH REGINALD MCNAMARA
 ROBERT LEWIS MERIWETHER
 DONALD FREDERICK NEMITZ
 JOHN COOPER O'LEARY
 EUGENE WILSON OSBORN
 WILLIAM ARTHUR PARRISH, with Honors
 PAUL FORREST PATTENGALE
 HENRY NAGEL PIEPER, with Honors
 JOSEPH WENDELL PONDER
 WILLIAM PHILIP PORCH, with High Honors
 MELVILLE JULIUS SAUNDERS
 JOSEPH ANDREW SHULMISTRAS
 PAUL ARNOLD SMITH
 ROBERT D. SMITH
 ROBERT JOHN STETTNER, with Honors
 LEO G. SWINEHART
 LAURENCE MARTIN THOMPSON
 ALBERT TRIEBEL, JR.
 WENDELL PIGGOTT TRUMBULL
 GEORGE BENJAMIN VASEN, with High Honors
 NELSON DOWELL WAKEFIELD, with Honors
 WILLIAM WALCOTT WATSON
 WILLIAM JOHN WOLF
 FREDRICK EDWARD WOOD
 GORDON ZELLE

In Accountancy and Banking and Finance

BLANCHE IRENE CZAKLER

In Banking and Finance

EVERETT LAYTON ALBIN, with Honors
 JEWETT COLE
 PHILIP ARNOLD CRIHFELD
 ALFRED CHARLES HENNING
 MILTON CLARK HESS, JR.
 JOHN EDMUND JENSEN
 FRANCES JANE MOORE

HOWARD WHITFIELD MORGAN, with Honors
 RALPH SHEARER MORGAN
 JOSEPH MARK SCHUMACHER
 LEONARD B. SMITH
 JOHN MCCLELLAND SPOONER
 GORDON GRAY WARDER

In Commerce and Law

IRA MORTON BLITZEN
 WILLIAM CHARLES BURT
 CARL LIPTNER GOLDSTEIN
 PRESTON KING JOHNSON, JR.
 CHESTER EDWIN KELLER
 JAMES DAVID MOSES, JR.
 IVAN E. ODLE

EDWARD BERNARD RASMESSEN, JR.
 MILTON RUBIN
 ROBERT JOSEPH SANDERS
 CARROLL ENGLISH SNYDER
 JOHN LEROY STEWART
 HOMER REAMER WALLAR
 JOHN BROWN WHITE

In Commercial Teaching

DOROTHY FREEMAN FREESE

In Foreign Commerce

DERRICK LYNN BREWSTER
 MARY LOU CHEANEY

WAYNE DOW HUDSON
 JOHN DAVIS KIBLER

EUGENE LEE LOPEZ
MORRIS SOIFER

VIRGINIA MARIE VISSER
DOROTHY JEAN WEAVER

In General Business

JAMES L. ALLEN, JR.
RUSSELL LAWRENCE ARMOUR
OMER VIRGIL BADER
FAITH MAGDELENE BAER
FREDERICK WILLIAM BAUM
EDWARD EMIL BELSKY
ROBERT HENRY BERMAN
WILLIAM DONALD BISHOP
BRITT BLAIR
DANIEL MILES BLUMENSHINE
DEAN WESLEY BOHLEN
CHARLES EDWARD BOLIN
FLORENCE ELIZABETH BOOTH, with High

Honors

MORTON HARRIS BOWMAN
LESTER ALAN BROCK
PAUL LOWRY BROWN
EMERALD HENRY BUNDY
CHARLES HAZELTON BURNHAM
HAROLD WINTHER BUSCH, JR.
ZERAH AMOS CAMPBELL
FRANK JOHN CHARVAT, with Honors
JOHN VAN COYNER
RICHARD BRADFORD CROOK
WILBUR RIPLE CURETON
WILLIAM FORREST DAVID
DONALD MILLER DONEGHUE
CHARLES EDWARD DUNCAN, JR.
CHESTER HAROLD ELDER, JR.
RICHARD HERBERT ENGLEMAN
ROBERT LEON FABER
WALTER ALFRED GARRETT
NELS PAUL MALCOLM GERDEN
EDMOND MILTON GLICK
JOHN GRAY GRIGSBY
JOHN EDWARD HACKLEMAN
HAMILTON HALL
WILLIAM LOGAN HAMPTON
GEORGE FREDRICK HANDLEY
CLYDE FREDERICK HELM
EDMUND VINCENT HENRY
DEVON McCaughey HIZER
JOHN LEROY HYND, JR.
CARLETON JOHN JACOBSON
HAROLD RUDOLPH JAMES
HOWARD DOUGLAS JOHNSON
JOSEPH COUGHLIN JOHNSON
GEORGE RICHARD KANL
HELEN HOPE KATZMANN
ROBERT JAMES KIEST
EDNA KOLLER
WILLARD ODAS LAPE
WILLIAM KEIL LAWRENCE
MAX STUART LEACH
MAX NORWOOD LEHMAN
ROSS CRAWFORD LYMAN
CHARLES NICHOLAS MALLORY
KENNETH GEORGE MAYES

JACK BOAZ MCFARLAND
EDWARD JOHN MCGOWEN
CARL WILLIAM MCINTOSH
JACK EDWARD MCNEVIN
JOHN WILLIAM MEEHAN
DAVID FELMLEY MEEK
DONALD MATTHEW MENKE
HAROLD MESTEK
DONALD TILLOTSON MILLER
ANITA LILLIAN MILEVILLE
ROBERT HANSON MITCHELL
PAUL LOUIS MOSCHEL
ALBERT DANFORTH MULLIKEN
DUANE ALBERT MURRAY
JOSEPH CONNOR MURRAY
FRANCES CAROLYN NELSON
CHARLES ALBERT NEWLIN
THOMAS ANDREW NOLAND
CHARLES McDONALD OEHMKE
WARREN COLE OVERMAN
ROBERT DONALD PARTLOW
ERNEST CHARLES PLESCHNER
DONALD JOHN POOLE
GEORGIANA POWERS
CHARLES DOUGLAS PRESCOTT, with

Honors

ROBERT HOYT PRICE
ARNOLD GEORGE PURKIS
OTIS WILLOUGHBY RANDOLPH
MARVIN AMES REYNOLDS
CHARLES ALEXANDER RICHMANN
GEORGE ALBERT RICHNER
ROBERT WILLIAM RIEGEL
WILLIAM HENRY RIFE
JASON ELLIS ROBINSON
JACK RUBIN
RICHARD WALDO SANBORN
JEANNE LOIS SCARRATT
HAROLD HILLARD SCHWAB
MARGARET LOUISE SCOTT
WILLIAM ADOLPH SHROYER
KNOWLTON AMES SMITHERS
KENNETH RAYMOND SPEER
FRANK LOUIS STACK
ARTHUR BLAIR STARK
WALTER GORDON STILL
JOSEPH STONE
HOWARD ARTHUR STOTLER, JR.
JOHN CHARLES SUERTH
JAMES MCFARLAND TAYLOR, with
Honors
KENNETH EDWARD TIMM
JORDAN TRUITT
ROBERT CHARLES VERKLER
GEORGE EDWARD VITOUX, with Honors
WILLIS OTTO WAHLFELD
JAMES ERIC WASSON

RICHARD LINCOLN WEISSENBORN
EUGENE JOSEPH WHALEN
NORBERT HAROLD WHITE

WILLIAM GEORGE WHYTE
JOHN LEWIS WIER
DENE WALTER ZAHN

In Industrial Administration

ROBERT ALFONS BRETSCHER
MILLARD EUGENE CASTLE
THOMAS EARL ENNETT
ROBERT WARREN GEHRING
JOSEPH JAY GIBBERMAN
FRANCIS SYLVESTER GOOLD
HOMER LANGDON HADLEY, JR.
DAVID HOGAN

WALTER CARL MEYER
MARVIN ELERY MONK, JR.
HARRY FRANCIS REAM, JR.
AMOS MILTON SCHUSTER
JAMES DONALD SCOTT
SHERMAN EZRA TAYLOR
NICK VIGNA
EDWARD THEODORE WOOD

In Insurance

BERNARD CHESLEY CRAIN

WILLIAM JOHN MAURITS, JR.

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Agricultural Engineering

EUGENE WALLACE MCGAAN

In Ceramics

BRADLEY CHARLES GARDNER, JR.
FLOYD ALLEN HUMMEL
GALE HESTON JONES
LEON ROBERT KOLOVSKY
MAX MILLER
FREDRICK ADOLPH PETERSEN

DANIEL BERNARD RAPOPORT
HAROLD ALBERT SCHWARTZ
HUBERT JACOB SMALTZ
HOWARD OSCAR SNODGRASS
WALTER MARION TURNER, with Honors

In Ceramic Engineering

MELVILLE LEROY COMBS
LAVERNE GODFRID EKHOLM
WAYNE XALPHA FAY
JAMES HAROLD GINTHER
LEO GEORGE GOLDBERG
JOHN PARKER GUILD

JULIUS HORELICK
ALBERT ROY LESAR
JAMES EARL MCFARLAND, JR.
ALLEN KNOWLTON PORTER
NORMAN SCHOEPPFEL, with High Honors
WALTER JENNINGS SENTERS

In Civil Engineering

KENNETH CARL ANDERSON
VICTOR PAUL BONUCCHI
ALFRED BARTLETT BOURGO
ROBERT E. BURNS
JOHN CARL DEISENROTH
THOMAS PAUL DEWAN
WILLIAM ROBERT ELDEN, JR.
LOUIS FIEDLER
ROBERT FRANKLIN FOSTER
RICHARD JACCOUD FRANKLIN
WILLIAM FREEMAN
RICHARD HENRY GADE
JOHN MERRILL GOODELL
MYRON LEE GOSSARD
KARL E. GROHNE
JAMES RAYMOND HAMILTON
FRANK BERNARD HENDERSON, JR.
DEAN STANLEY KINGMAN
ELMER A. KRAFT
LOUIS HENRY KRISTOF

FRANK ANTON KVETON, JR.
CARL WILLIAM MUHLENBRUCH, JR.
ELMER HAROLD OLSON
PETE ANTONIO PAKUTINSKY
CHARLES JOSEPH POPPE
WALTER ADOLF RENNER
WILLIAM GEORGE REYNOLDS
EDWIN GUY ROBBINS
DONALD STEPHEN ROBINSON
JACK C. ROGERS
JOHN DONALD SCHULZ
HARRY ELLSWORTH SKINNER, with Honors
CHARLES MONROE SLAYMAKER, JR.
JOHN ROBERT STIPP
FRANCIS JEFFERSON TYTUS
WALTER EDWARD WILLARD
CHARLES KENNETH WILLETT
ERNEST WILLIAM ZELNICK

In Electrical Engineering

ERNEST HAROLD ARDAHL
 ERNEST LAYMAN BERNINGER
 ARTHUR SAUL BROWN
 CARL EDWARD CAMPBELL
 JOHN SEDGWICK CAPPS
 NORMAN RICHARD CARSON
 EDWARD CWIKLO, with High Honors
 JULIUS J. DEITZ
 JAMES LOWELL DENNIS
 KARLE DeWOLF
 THEODORE DOMBROWSKI
 AUSTIN ARTHUR ROBERT DYSON
 ORVILLE JORDAN EILERS
 FRANK ALBERT GHISELLI
 WILLIAM PRICE HOBAN
 EDWARD HONG
 RICHARD LAWRENCE HULL
 LEO ELBERT JAMES
 WILHELM HINRICH JANSSEN
 RAYMOND ANDREW KEMPF
 EDWIN ALBERT LINK
 RICHARD ROY LITTLE

WILLIAM CHARLES MANCHESTER
 HOWARD BERNARD MAUCH
 HERBERT JAMES MCSKIMIN, with Honors
 WALTER MILEWSKI
 ALLEN KEARNEY MILLER
 JAMES MURREL MILLER
 CARL MAGNE MILNER
 HAROLD THEODORE PEARSON
 HAROLD ARTHUR PETERSEN
 KENNETH GEORGE ROTH
 ROBERT ADAM SCHNEIDER
 MARTIN SHAPIRO
 VICTOR WAYNE SOUTH
 CURTIS HAWLEY STOUT
 HAROLD DeHAVEN TOWNSEND
 ROBERT TRACHTENBERG
 VERNE EDWARD TRUMMEL
 VERLEY REED TULLIS
 CHARLES TENNY VALLETTE
 JOHN ROBERT WILLIAMS
 ALDRICH ZMESKAL, with Honors

In Engineering Physics

JOHN FRANKLIN HUNT

DARRELL CARNEY ROMICK

In General Engineering

WALTER BLACK
 EDWARD FRANK DUDLEY, JR.
 LAWRENCE EMIL HEINEN
 JAMES MACKENZIE HENNIG
 ROBERT HERMANN LEHMPUHL
 HERBERT HAROLD MITCHELL

RAYMOND CHARLES ARTHUR PURL
 ROBERT BUFORD STAMPFLE, with High Honors
 ROBERT WILLIAM WELDON
 GEORGE GUSTAV YOUNGSTROM

In Mechanical Engineering

JOHN LAURANCE BARKER, JR.
 GEORGE D. BATTERTON
 DANIEL BLUM
 JAMES WILLIAM BOYD
 HERBERT LINCOLN CHESSMAN
 EDWARD L. CORNELL, JR.
 JAMES HENRY COULTER, JR.
 LLOYD C. DANIELSON
 RALPH ELLIS DONNELLY, with Honors
 JOHN WALTER EASON
 JAMES WYMAN EATON
 HAROLD LEROY FOGLER
 THEODORE NORMAN HACKETT
 CHARLES HERMAN HARSZY
 MAURICE EUGENE HARVEY
 PAUL DALE HESS
 CLAYTON ERICK JOHNSON
 EUGENE FRANK LANNERT
 OLIVER WILLIAM LEMKE
 BENJAMIN HENRY LEVY, JR.
 KEITH LINDLEY
 GEORGE HENRY LOGAN, with Honors
 ROBERT KENNING LOWRY

DONALD WEBSTER MCCAFFERTY
 BERTRAND NORVAL McDONALD, with Honors
 HAROLD NILS NILSON
 WILLIAM WARNER PETERS
 CHARLES LEONARD RABE
 JOHN ALBERT REEVES
 WILLIAM AUGUSTUS ROGLIS
 RICHARD TELLER ROSANDER
 FREDERICK M. SCHLIE
 KENNETH SEDDON
 PHILIP ALDEN SIDELL
 BRUCE K. SLONNEGER
 JOHN WESLEY SPALDING, with Honors
 KENNETH CHARLES SUHR
 CLARENCE EUGENE TARPLEY
 JOHN ANTON TEIBER
 WOODROW WALSH
 EDWARD JOHN WELLMAN, with Honors
 MATT S. WILSON
 GERALD WISEGARVER
 JOHN MARSH WOLEBEN

In Metallurgical Engineering

CHARLES WALTER BEATTIE, JR.	HARLAN ERWIN OEHLER, with High Honors
CLARE BATEMAN CARLSON	
ROBERT EARLE GROVER	ROBERT RICHMOND
LOWELL HANNA MCCREERY, with Honors	JOHN WILLIAM SHERMAN
	JOHN ALDEN SNYDER
	LEONARD TOFFT

In Mining Engineering

ERNEST CORTLAND ADAMS, with Honors	FREDERICK WILLIAM MEYER
AMZI GARRISON GOSSARD	

In Railway Electrical Engineering

GEORGE DUDLEY SMYTHE JOHNSON	ROBERT WILLIAM TONNING, JR.
MARK BROWN MOORE	

In Railway Mechanical Engineering

NEFF RAYMOND BALL	WILLIAM ROBERT WHITE, JR., with High Honors
RICHARD JOHN KIRSTEN	
FREDERIC MARICH	

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

RALPH CLAYTON AINSWORTH	ROBERT HOWEY
JOHN COOK ALISON	DAVID FRED HUBBARD
ROBERT BENJAMIN ARNOLD	ELDON HUFFORD
RICHARD DALE BAKER	IRVING MONROE HUGGINS
LOYD WAYNE BARKER	JARVIS CHANDLER HURD
FREDERICK PEIRSON BIERER, with High Honors	SHELDON HARRIS IRISH
RICHARD GEORGE BOARDMAN	DWIGHT NORMAN JEWELL
MARTIN ORLANDO BOHLEN	RAYMOND HAL JOHNSON
BERNARD BENJAMIN BOHREN	KYLE WARNER KEEFFER
DANA TURNER BOYD	WALTER JACOB KING
DONALD RAY CLARK	CHARLES KENNETH LANE, with High Honors
ELIN EDWIN COCKRUM, with Honors	JAMES ROBERT LEE
ROBERT RYAN COPPER, with High Honors	HOWARD SAMUEL LOWRY
ROBERT M. DOLE	EARL EDWIN LUTZ
EUGENE ELLIS DOWNING	ALEXANDER OSBORNE MACREFF
EUGENE FREDERICK DUNCAN	THEODORE NELSON MANGNER
PAUL HERMAN EBELING	LAURENCE EDWARD MANNING
CHESTER RUDOLPH ESHELMAN	WILLARD B. MANNON
ELDEN KENNETH FAULKNER, with Honors	JUDSON PHILIP MASON
WILLIAM WAYNE FENNELL	OWEN CHRISTIAN MAUE
DONALD BRYCE FERGUSON, with Honors	DONALD GRAY MCALLISTER
ROBERT WILLIS GARDNER, with Honors	PAUL WILLIAM MCKEY
WILLIAM BRUCE GARDNER, with Honors	CLARENCE WESLEY MIES
A. MORTON GOLDBERG	CARL LAVERN MILLER
LOREN WILLIAM HARDY	ROBERT CHARLES MILLER
CLAUD HENRY HARROLD, JR.	WERNER LIND NELSON, with High Honors
KENNETH E. W. HARSHBARGER	JOHN KEITH PARKS
GRANT HENRY HARTMAN	CHARLES DONALD PERKINSON
	LEWIS NEAL PEUGH

JAMES ETHELBERT POTTS
 ERNEST JOHN RAUSCHENBERGER
 JAMES FREDERICK REEVE
 GEORGE WILLIAM ROSS, JR.
 ARTHUR LEONARD SCHICK
 JOHN EMERSON SCHOLL
 DEAN LEROY SEARLS
 ARTHUR PLUMMER SIDWELL, with
 Honors
 FLOYD MONROE SMITH
 GEORGE EDWARD SMITH
 JOHN ANDREW SNYDER
 LILLIAN MARY SNYDER
 GORDON ALFRED SOWERS

KENNETH OLIVER SOWERS
 ROBERT ELLSWORTH SPANGLER
 JOHN ROBERT SPEAR
 CHESLEA CHARLES TAYLOR
 ALFRED HENRY THALMAN
 EDGAR FRANKLIN WALBORN
 ERNEST WARREN WALKER
 ORVILLE HERMAN WARFEL
 ROBERT JOHNSON WEBB, with Honors
 WAYNE ARTHUR WISE
 MAX JAY WORTHINGTON, with High
 Honors
 FORREST JOHNATHAN WRIGHT
 EUGENE GUNDY YOUNG

In Floriculture

JOHN WILLIAM AMLING
 WALTER NELSON BROWN
 JOHN ROBERT CULBERT, with High
 Honors
 ELEANOR DOLCH, with Honors
 ROBERT WILLIAM DOOLITTLE, with
 Honors
 LON FOSTER, JR.
 LLOYD ALLYN GODING

LYON WELDON HARTMAN
 MARCEL ALBERT HRNAK, Jr., with
 Honors
 HADLEY PAUL MOORE
 HELEN RACHEL PARKER, with High
 Honors
 MARY JANE SAUNDERS
 FLOSSIE FERN WITT

In Home Economics

CAROLYN JANE AGNEW
 LUCILLE ELLEN ELIZABETH ALBRECHT,
 with Honors
 LOIS WINIFRED ALMY
 GERALDINE ANDERSON
 ELIZABETH FREEMAN BASHEN
 NELLIE MAY BERRY
 LOIS EVELYN BETZER
 FLORENCE CAROLINE BODENBACH, with
 Honors
 MARJORIE MAE BOE
 GERTRUDE ABBOTT BRANDON
 MARY MELVENA BRAY
 LUNA SUE BROWN
 GLADYS IRENE COVENTRY
 RUTH CURRY
 CLYDA JEAN DEPUTY
 MARGARET DRAKE
 MARGARET ANN EDMONDS
 ELIZABETH MARY EISELE
 MARY ELIZABETH FRIEND, with High
 Honors
 LOUISE HACKMANN
 DOROTHY JANE HALL
 WEBER LLOYD HAMILTON
 HELEN LUCILE HAUGHTON
 JULIA IRENE HERMIE
 FRANCES ARLENE HODGSON
 GEORGIA DOROTHY HOFFMAN
 KATHARINE MARY HORAN
 LOUISE HARRIET HOSKINS
 DOROTHY MAE IRWIN
 ELMA CATHERINE JOHNSON

FLORENCE MARIETTA JOHNSON
 HELEN GERTRUDE JONES
 MARY KATHERINE JONES
 LADYNE ELIZABETH KLECKNER
 OPAL IONE KREIG
 BETH BELLE LAREAUX
 ROBERTA VIRGINIA LITTLE
 ALETA ELEANOR LOGAN
 LOIS CECILLE LOUIS
 MARGARET JOSEPHINE MANN
 MILLICENT ELAINE MARSHALL
 MARGARET ESTHER MCINTIRE
 MARGARET ALBERTA COX MINOR
 GLADYS MARIE PAGE
 MARY ADELINE PARKS
 CORINNE PRICE
 VIOLET SUSAN ANNE RABER
 MARY LURANAH RANDALL, with Honors
 DOROTHY LUCILLE RANES
 NELLIE MAE RATCLIFFE
 DORIS LUCILE RAY
 DORA ELLEN RAYBURN
 TREVA ESTALINE RICHISON
 GLADYS MARGARET RIGGS
 HELEN MAXINE RUBY
 HAZEL ELIZABETH SCHAAD
 ALICE ELISABETH SMITH
 HELEN AUDRE SMITH
 CYNTHIA HAHN STOCKER
 EVELYN DOROTHY SYDOW
 MARGARET ELIZABETH WEHCKING
 NAOMI LOUISE ZIMMERLY
 ERLINE PEARL ZIPPE

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

HOWARD WALLACE ABERNATHIE	CATHERINE DOLCH
AMELIA LUCILLE ANDERSON	ALICE SPOTTSWOOD DUVAL
LOIS MARIE ANDERSON, with Honors in	EUGENE DYKSTRA
Mathematics	EMERY ELLSWORTH EBBERT
RUTH HELEN ANDERSON	EARL FRANKLIN ELLIS
MARY LOUISE AUSTIN	ELAINE RANGILD ENGSTROM
MARGARET ELOISE BAKER	MARTHA JUNE ERET
DONALD WHITE BALDWIN	NAOMI RUTH ERICKSON
WILLIAM HARDIN BATTERSHELL	ELOISE KATHERINE ESHBAUGH
MARY HELEN BECK	SOLVEIG PAULINE ESPEVIK
JOHN CLARENCE BELL	JANE LOUISE FALKENSTEIN
EDNA FRANCES BERGSTROM	JEAN MARIE FALLON
JOSEPHINE CAMELLA BEVILACQUA	LENICE LEZETTA FISCHER
RUTH IRENE BEYNON	ELEANOR VIRGENE FORTH, with Honors
SAMUEL MARION HENRY BIRDZELL	in Spanish
KATHRYN ELIZABETH BONFIELD	GRACE MARY FRANCIS
MARIAN EVALYN BOTHWELL	MURRAY FRANKLIN
JAMES ALBERT BOULA	ELMA MIRIAM FRANTZ
JEAN RENNING BRAND	LUCILLE FRIEDMAN
MAURICE MERZ BRANDENBURG	DURWARD MAC GEER
MARY FRANCES BRANDT	INEZ E. GIESEKING
PAULINE BRENNER	OLGA MARIE GILSTER
LEAH JANE BRICKER	HORACE EDWARD GREELEY
MARY VIRGINIA BRINTON	ROBERT SOMERVILLE GRIEVE
ADA ELIZABETH BROWN	ALMA GRIMMICH
CHRISTINE BUCHHOLZ	MARY MARTHA GRISAMORE
ADA MARGARET BUCK	RICHARD EDWARD GUTHIER
MARY ELIZABETH BURNS	JAMES EUGENE HAGEN
JEAN MCCLELLAN CAMPBELL	EDYTH CHARLOTTE HAKES
JANE ARLENE CARRIER	LEROY ALBIN HALBERG
JOHN WILLIAM CARSON	CLARENCE HALE
LEE J. CHENOWETH	DORIS MARIE HANS
JOHN ARTHUR CLAPP	STASIA HAYMAN
DOROTHY JAYNE CLARK	GEORGE BYRON HEALY
JANET LIVINGSTON CLARK	JEANNETTE HEIMBAUGH
ANTOINETTE LOUISE CLIFTON	CLARENCE FRANCIS HELMRATH
MARGARET MARY CLINCH	WILBUR LEE HENRY
CHASE CUTLER COFFEY	MARDELLE MAIZIE HIGGINS
ZELDA COHN	ELIZABETH ANNE HILLS
RACHEL MARIE COLLINS	FREDERICK RICHARD HINES
HARRY AUSTIN COMBES	JOHN CORBUS HOFFMAN
BRUCE EDMUND CONKLIN	JOHN EDWARD HOLLOWAY
MARGARET MAE COON	ELAINE HOOD
MARJORIE ELIZABETH CORDER	EMILIE HRDLICKA
RAYMOND CHARLES COSTABILE	LILLIAN MAE HUBBS
JOHN BLAIR CRAWFORD, JR.	MARY MINERVA ILES
MARJORIE BUENE CROSS	MARION FAY INKSTER
LENORA MADELINE CROWLEY	MARGARET FAWKES IRWIN
ADELAIDE ROSEMARY DADANT	NACI ISKENDER
ISABELLE DAVIDSON, with Honors in	VIRGINIA MAIE JARMAN
French	ANNE JARNITZKY
DEA LOUISE DEVORE	MAXINE ANITA JAYCOX
MARGARET DOLORES DICKSON	JAMES JOHN JELINEK, JR.
WINIFRED GERALDINE DODDS	HELEN MARGARET JESKE

EVELYN FLORENCE JOHNSON
 EVA ROBERTA KAPLAN
 BEULAH M. DALBEY KENNEDY
 MAURICE DONALD KEPNER
 LEO BEN KNEER
 WILLIAM LOUIS KOCH
 ANNE ELIZABETH KOVANDA, with
 Honors in Biology
 CLIFFORD WOODS KUHN
 EDITH KOSTNER LANG
 DORRIS JEAN LANGMAN
 LAWRENCE FRANCIS LAUCK
 RUTH BERNICE LAVENAU
 JOHN DUNLAP LEMARR
 FRANK RICHARD LEONETTE
 MARY LOUISE LESCHER
 SARAH HELEN LONG
 MARY ELEANOR LONGLEY
 ELSIE LOZAR
 BONITA ELIZABETH LYONS, with Honors
 in Education
 RUTH LOUISE MALAN
 MARIAN MALMSTEN
 KATHRYN EUNICE MARSH
 JUANITA IRENE MCALISTER
 LILLIAN ARLENE MCCALLISTER
 LUELLA RUTH MCCORMICK
 JOHN JOSEPH McDONALD
 ALTA LUCILLE MCGAAN
 JACK CLAUD MCILVOY
 JANE MCINTYRE
 CLARABELLE MCKINLAY
 FLORENCE ESTHER MCLAUGHLIN
 EMMA CAROLINE MEISSNER
 CHARLES EDWARD MEYERS, with Honors
 in History and High Honors in
 Education
 BARBARA ELIZABETH MILLER
 EDWARD WASSAR MILLS
 JEAN JENNIE LUCILE MONROE
 MARTHA ALBERTA MONTGOMERY
 ANDREW ENSLEY MONTS
 HAROLD ALLEN MOORE
 IRENE MOORE
 MARY SAMPSON MOORS
 LARUE MORRIS
 DON HARLAN MORRISON
 VIRGINIA EVANGELINE MOWRER
 GENEVIEVE BONITA MUNSON
 ELLUISE NESBIT NAUMANN
 GAY NELSON
 KENNETH JAMES NELSON
 MARJORIE ANN NEWLANDS
 JULIA ANN NOEL
 JULIUS ADAM NYKIEL
 GEORGE ALOYSIUS O'CONNELL, JR.
 MARY WILLIDEAN O'NEILL
 GWENDOLYN RUTH ORSINGER
 MOLLY RUTH OWEN
 FELICIA MARIE JEAN PACELLI
 PHILIP ALFRED PACYNA

JOHN LOWE PARKER
 ARTHUR ROBERT PARKISON
 MARJORIE RUTH PAULLIN
 JUNE DONMEYER PELLETT
 JOSEPH OLIVER PERRY
 LEVETT ALPHY PETERS
 RHODA PHILLIPS
 CLARENCE LOUIS POLASKI
 IDA EFFIE POLLARD
 JOSEPH J. PORTLE
 PAUL STEWART PRATHER
 EDMUND CARPENTER PUDDICOMBE, with
 Honors in Biology
 DORIS MAY PUTNAM
 EDWARD TEESSE PUTT
 JAMES HOWARD QUICK
 JEANNE FRANCES RANGER
 EMORY KEITH REES, with High Honors
 in German
 MARJORIE LENORE REISZ
 MICHELLE RESNICK
 HATTIE ETHEL RICE
 CHARLES ELBERT RITTER, JR.
 MARY JEANETTE ROBERTS
 KATHRYN ELIZABETH ROTHERT
 ROWENA LOIS RUDASILL
 FRANCES ARDINE RUSSELL
 LAVERNE MARJORIE SAMMONS, with
 Honors in Latin and in Education
 GEORGE ALBERT SATTER, with Honors
 in Education
 ELVIN COLLINS SAYRE
 VIRGINIA MARY SCANLIN
 WILLIAM JOHN SCHUCK
 MARIE ANTOINETTE SCHUERMAN
 CARL MILTON SCHULTZ
 KEITH WIMMER SEALES
 LOUISE MARIE SENF
 ISABEL SIEGEL
 WAYNE HESSONG SILVER
 EDITH ADA SILVERMAN
 RALPH SINCHA SILVERSTEIN
 HELEN IRENE SIMPSON
 MATHILDA CASAGRANDE SIMPSON
 DOROTHY EMILY SOUKUP
 BERNICE LORETTA SPAIN
 GLADYS ELEANOR SPENCER
 MARGARET ELENE SQUIRES
 ROLAND EDWARD STARCK
 ALBERT WILLIAM STATKUS
 JOHN ANDREW STERLING
 LOIS MARIAN STINSON
 JOSEPHINE STROKER
 ESTHER HANNAH STUTTLE
 BETTY ERMA SUNDMACHER
 THEODORE STEPHEN SUNKO
 PAUL LAVERN SWAN
 HAROLD ARTHUR SWANSON
 MERRITT WESLEY TAIT
 WILLIAM ROBERT TEMPLE
 THELMA FAYE TENDICK

ROBERT WILLIAM TENNYSON
 MADELINE ANN TOULME
 HELEN LAVON TROLLET
 BETTY FLORENCE TURCK
 BABETTE TWAITE
 LOIS RUTH TWEEDY
 MARCEINE HARRIET VANDAVEER
 CATHERINE ELIZABETH VAN GERPEN
 MARION VIRGINIA VILLIGER
 JAMES JOSEPH VOPIKA
 MARION CURTIS WALKER
 MARGARET MARIE WANDERER
 RICHARD ESPY WARD
 RUTH FELPS WEAKLY
 PHYLLIS VERNE WEAR

MARTHA OLIVE WESNER
 PEARL WINIFRED WHEATON
 ANNETTE WIEDER
 ELOISE LAMKINS WILKINS
 LOUISE ELAINE WILMOT
 BERNICE ADELAIDE WILSON
 DOROTHY ELIZABETH WILSON
 THOMAS PARR WILSON
 LEONA HENRIETTA WINTERMEYER
 RUTH OLIVE WITCRAFT
 WILLIAM GEORGE WITTMANN
 MERRILL JOHN ZAVODSKY
 DOROTHY RUTH ZERWECK
 CHRISTINE ZOLLER

In Home Economics Education

MARY ELIZABETH CORDIS
 MARY LIONA CRIPPIN
 RUBY MARIE ELLIOT
 EMMA LUCILLE HILLER

JEANNETTE ALLEN HODSON
 BETTY PRICE
 MAXINE OLIVE ROSENBERGER

In Industrial Education

WILLARD ARTHUR HARDY

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architectural Engineering

CHESTER CHARLES BRANDT
 THOMAS EMERY BULL
 BAINBRIDGE BUNTING
 CHARLES LYMAN ELLIS, JR.
 WARREN ELWOOD GLOVER, with High
 Honors
 ROBERT FRANK HASTINGS, with High
 Honors

THOMAS JUSTIN IMBS
 FRED HENRY JOBUSCH
 FERDINAND ALOIS LOEBACH
 JACK J. MACKLAND
 GRABLE BARCELEAUX WEBER, JR.
 CARL ANTON WEERS
 MELVIN GEORGE WEITH

In Architecture

STANLEY HOUGHTON ARTHUR
 ARTHUR ALFONSO CARRARA
 DONALD RICKER HODGSON
 BARBARA MATILDA KNIPP
 ROBERT BUSH LITTLE, with Honors
 VIRGIL JOHN MILLER
 WARREN ROBERT RICHARDSON

FRED WILLIAM SCHURECHT
 WILLIAM SHINDERMAN
 RAYMOND JOHN STUERMER, with
 Honors
 ISIDORE DAVID TABACHNICK
 EUGENE WASSERMAN

In Music Education

ALLEN PERDUE BRITTON, with Honors
 MARY JANE CARTER
 DOROTHEA JUNE COX, with High
 Honors
 HELEN FORSYTH
 HELEN ELIZABETH JACKSON
 ALONZO FRANK LAPE
 JOYCE VIRGINIA MALOTT
 GEORGE HAROLD MILKWICK
 MARY ELIZA MILLS
 DORIS CHRISTINE OLSON
 GRAHAM THEODORE OVERGARD
 DOROTHY LOUISE PARKER

KATHRYN LUELLE PHILLIPS
 MARY MARJORIE SHARP
 LEONARD ADRIAN SMITH
 JOE DEAN STANLEY
 CARL ROBERT STOVER
 VIVIAN PRATT TAYLOR
 DOROTHY FRANCES TRAFTON
 GEORGE MITCHELL TURMAIL
 THELMA LOUISE UTTERBACK, with
 Honors
 FRED WILLIAM WESTPHAL, JR.
 PEGGY WILSON

Degree of Bachelor of Music

CHARLES HERBERT BECKMAN
ROBERT MAURICE BLACKARD
ASHLEY ROY COFFMAN

MARK FRANK DELEONARD
DORIS EVANGELINE VANCE, with High
Honors

Degree of Bachelor of Fine Arts*In Art Education*

FRED EDWIN JOERGER, with Honors
MARY AUGUSTA THOMAS

JEAN EMORY WILSON, with Honors

In Landscape Architecture

GEORGE FAIRBANKS CAUSEY
GLENN MORRIS DUNKLE
DONALD CLAYTON GEAKE

SAMUEL LESLIE HUDDLESTON
RODNEY SINCERE STRAUS

In Painting

KENNETH ROBERTS BARRICK, with
Honors
BARBARA LOUISE BUSCH
MARTHA SAYLOR CALLEN
GEORGE BRADFORD DEARING
ELEANOR VIRGINIA HOYT
REGINALD EARL MEEKER

CHARLOTTE LOUISE MILLER
DUNCAN COFFIN MORRISON
MARTHA HARTLEY RUSK
MARION SEILER
HENRY VOLLE, JR.
E. LUCILLE WILDERMAN
WALTER CONRAD WOLF

COLLEGE OF LAW**Degree of Bachelor of Laws**

PAUL ALEXANDER ALTIER, B.S., 1935
ROSCOE LAWRENCE BALL, JR., A.B., 1935
FRANK CLAUDE BARNES, A.B., 1935
JOHN BARR, B.S., 1935
JOHN HENRY BARTH, B.S., 1935
SAMUEL N. BARTH, A.B., 1935, with
Honors
ROYAL JAY BARTRUM, A.B., Illinois
Wesleyan University, 1934, with
Honors
BERNARD BENEDETTO, B.S., 1936
WAYNE RAYMOND BETTNER, B.S.,
Northwestern University, 1934,
with Honors
OLIN LORRAINE BROWDER, JR., A.B.,
1935, with Honors
HOWARD WILLIAMS CAMPBELL, A.B.,
1934
CLINTON OLIVER CLARK, JR., A.B., 1935
BYRON LEROY CONNELL, B.S., 1935
JOHN DAVIS DAILY, B.S., 1935
JOHN THOMAS DICKINSON, A.B., Illi-
nois Wesleyan University, 1934,
with Honors
THEODORE BRADFORD DUFEE, A.B., 1935
WESLEY ALFRED EBERLE, B.S., 1935
EDWARD CHRISTIAN EBERSPACHER, JR.,
A.B., 1930
WILLARD LELAND ECKHARDT, B.S., 1935,
with High Honors
FRED RAYMOND EISEMAN, JR., B.S., 1935

FRANCES ELEANOR ELFSTRAND, A.B.,
1935
KENNETH EDWARD EVANS, A.B., 1935
WILLIAM HOWARD GATES
J. HAROLD GLASCOCK, B.S., 1935
ROY HAROLD GLOCKHOFF, A.B., 1934
BERNARD THOMAS GRIMES, B.Ed., Illi-
nois State Normal University, 1934
JAMES RICE HANSSEN, A.B., 1934
LAWRENCE RAYMOND HATCH, B.S., 1935
ROBERT JOHN HORBERG, A.B., Augustana
College, 1934
WILLIAM WEBB JOHNSON, B.S., 1934
ELWOOD KENDRICK, B.S., North Dakota
Agricultural College, 1933
THOMAS BRYANT KENNEDY, A.B., 1934
VIRGINIA MORRIS KEUSINK, A.B., 1935
ROBERT HENRY KINDERMAN, B.S., 1935,
with Honors
SAMUEL HOUSTON LAY, A.B., 1936
NELSON HALL LAYMAN, B.S., 1935
ISADORE IRVING LEIKEN, A.B., Eureka
College, 1935
WAYNE THURLOW LEWIS, A.B., 1935,
with Honors
RUTH ELIZABETH LEYDIG, A.B., 1935
EDWIN WILMER MERRICK, JR., B.S., 1934
ROBERT E. MILLS, B.S., Northwestern
University, 1933
WENDELL EDSON OLIVER, B.Ed., Illinois
State Normal University, 1934

CLARENCE ECK PARTEE, B.S., 1935
 SAM SOLOMON PESSIN, A.B., 1935
 FRANK THEODORE PLATTNER, A.B., 1935
 JOHN EVERETT RICHARDS, A.B., 1935
 HOWARD TICE RUFF, B.S., 1935
 EDWIN WELLS SALE, B.S., Northwestern
 University, 1934
 CHARLES FRANCIS SHORT, A.B., 1935

SYDNEY O. SIMON, A.B., 1935
 LEN HOWARD SMALL, A.B., 1935
 JIM ELMER STIEHL, A.B., 1936
 RUSSELL NEIL SULLIVAN, A.B., Ober-
 lin College, 1925, with High Honors
 HARRY CARTER TEMPLE, Jr., B.S., 1934
 OSWALD DAN VESPA, B.S., 1935
 GUY RHODES WILLIAMS, A.B., 1936

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

LLEWELLYN BAIRD
 GEORGE JOSEPH BARMANN
 ELLIOTT JAMES BARNETT
 RICHARD FIELD BEAM
 STANLEY GEORGE BERGBOM
 EMIL GEORGE BEST
 MARIAN JUNE BORUCK
 GWEN ELEANORE DENTINGER
 DOROTHY BELLE DULANY
 CHARLES VERNON ELLINGTON
 JANE BRABANT ENGEL
 VIVIAN MARIE ETTELSON
 JACQUETTA ELIZABETH FEAVYEAR
 MARY ELDON FLEMING
 RICHARD EMIL GAUEN
 JEAN LOUISE GOUGLER
 MARY HARMON
 LESLIE WILSON HIGBIE
 DAVID GARDNER HOFF
 ALICE HUDELSON
 EDWARD MURRAY JONES
 GENEVIEVE GAY LEWIS
 GRACE LUISE LIESENDAHL
 KATHERINE JANE LIGHTBODY
 ANNA HARRIET MCCAMBRIDGE
 WILLIAM LANCEMAN MCCARTHY
 CLARA FRANCES MCGINTY
 ROBERT LEE MCGUIRE
 DOROTHY McLAUGHLIN
 KENNETH CHRISTIAN MEYER
 CHARLES WEIDNER MILLS
 EVELYN LOUISE MURPHY
 DOLORES ELAINE NAGODA
 PAUL WOODROW NEIDHARDT, with
 Honors

NATHALENE DOROTHY NEMITZ
 PAUL OLAFSSON
 RICHARD TUTTLE ORR
 HAROLD MEREDITH PAGE
 VIRGINIA PALFREY
 CARLTON ALBERT PALMER, JR.
 WILLIAM ROBERT PERSHALL
 JEANNE BARBARA PHILLIPSON
 LLOYD LAWRENCE PORTERFIELD
 RICHARD KENNETH REDFERN
 DOROTHY LOUISE REUSE
 LILBOURNE LESTER RICE
 WILLIAM EATON SCHEERER
 NORBERT SCHENK
 LILYAN MURIEL SCHRIER
 GEORGE SIMA
 AUGUST CARMIN SISCO
 LYALL FREDERICK SMITH, with Honors
 WALTER EDWARD SOWA, with Honors
 GODFREY SPERLING, JR.
 ROBERT LEONARD STEELE
 EDWIN LEROY STOLL
 WILLARD LINN THOMPSON
 MARY MINTER THOMSON
 LOUISE TRIMBLE
 CHARLES FERDINAND TUXHORN
 ROBERT DEAN UPP
 FRANCES COLLEEN WARNER
 DAVID CRAMER WELLING
 JANE EVELYN WELLS
 ARLEEN WILSON, with Honors
 ROBERT NORMAN WILT
 WARREN SWITZER WOODALL
 ELBERT ALFRED YAGOW

SCHOOL OF PHYSICAL EDUCATION

Degree of Bachelor of Science

In Physical Education

MARGARET ROSE COOKE
 TEMPLE GEANELL HAYWARD
 FRANCES KEYS
 JOSEPHINE PAYNE MEIXNER, with
 Honors
 FRANK THOMAS NICKELS

VIRGINIA LOUISE RUGH, with Honors
 JEAN ST. CLAIR STAEHLING
 CECIL JAMES TRIMBLE
 ARLENE JUNE WIEGNER
 VIRGINIA ALTA WRIGHT, with Honors

LIBRARY SCHOOL
Degree of Bachelor of Science

In Library Science

- ALICE JOSEPHINE ABEL, A.B., Indiana University, 1936
 EDITH STEINMAN ALLGAIER, A.B., University of Cincinnati, 1936
 ILO BERNADINE BALES, A.B., Simpson College, 1931, with Honors
 JOHN ROBERT BANISTER, A.B., University of Michigan, 1936
 DOROTHY KATHRYN BARTHOLOMEW, A.B., Northwestern University, 1936
 JEAN WATSON BEECHER, B.S., Northwestern University, 1936, with Honors
 MARY ALICE BOYETT, B.S., University of Alabama, 1934
 ANNA BROWN, A.B., University of Cincinnati, 1936, with High Honors
 MARETHAL BURQUIN, A.B., University of Louisville, 1932
 RUTH MILDRED CLARK, A.B., Louisiana College, 1935
 FLOSSIE MADELINE CORD, A.B., 1935, with High Honors
 ELIZABETH LUCILE DEADERICK, A.B., University of Tennessee, 1934
 HENRY VAIL DEALE, A.B., DePauw University, 1937
 RUTH NOLAND DIPBOYE, A.B., Indiana University, 1935
 DOROTHY GENEVIEVE DIXON, B.S., 1931
 RUTH MADELINE ERLANDSON, A.B., Knox College, 1928, with High Honors
 MARIAN FARR, A.B., Wilmington College, 1936
 MARGARET DUNNING FLICK, A.B., University of Richmond, 1930
 IRENE CARROLL FORD, A.B., University of Chicago, 1936
 KATHARINE FORSYTH, A.B., H. Sophie Newcomb Memorial College, 1925, with Honors
 ANNA EVELYN FOSTER, A.B., Butler University, 1934
 RUTH MARY GRAY, A.B., A.M., Drake University, 1924, 1926; A.M., Columbia University, 1930
 BERYL EMMA HOYT, A.B., Simpson College, 1936
 MARY SUE HUDSON, A.B., Texas State College for Women (Denton), 1936
 BESS LAING HUMPHRIES, A.B., University of Cincinnati, 1934
 EMILY LOUISE JACKSON, A.B., University of California at Los Angeles, 1934
 ELIZABETH JENKINS, A.B., Ohio Wesleyan University, 1932
 LOUIS KAPLAN, B.S., University of Chattanooga, 1930; A.M., Ohio State University, 1932
 FIDELIS JOSEPH KAUFMANN, A.B., Columbia College, 1922
 JEWEL DAVID KENNEMER, B.S., East Texas State Teachers College (Commerce), 1931
 CHARLENE ELIZABETH KING, A.B., St. Ambrose College, 1936
 ELIZABETH DAY KNAPP, A.B., University of Toledo, 1935
 LOIS MAE LYMPUS, A.B., Simpson College, 1934, with Honors
 FRANCES LOUISE MACOUGHTRY, A.B., Indiana University, 1936
 LOIS MARTIN, B.S., Southwest Missouri State Teachers College, 1935
 WINIFRED ALMA MCCUE, B.S., 1933
 DOROTHY BARBARA MCSKIMIN, B.S., Bradley Polytechnic Institute, 1934
 CLARENCE MILLARD MITCHELL, A.B., Lawrence College, 1916; A.M., State University of Iowa, 1933
 ENA RUTH MOORE, A.B., University of Tennessee, 1925
 ANNA NEAL MULLER, B.S., Kansas State College of Agriculture and Applied Science, 1921
 CATHERINE CARRIE NELSON, A.B., 1934
 MARY-LOUISE GERTRUDE NEUMANN, A.B., Carthage College, 1932
 CLARENCE S. PAINE, A.B., University of Nebraska, 1936
 CATHERINE AMY POWERS, A.B., Indiana University, 1936
 MARGARET CECILIA REHRING, A.B., A.M., University of Cincinnati, 1934, 1937
 EMILY EVALYN REICH, A.B., East Central State Teachers College (Ada, Oklahoma), 1936, with Honors
 DOROTHY MAE REUSS, A.B., Aurora College, 1935, with High Honors
 LEONA HELEN RINGERING, A.B., Shurtleff College, 1934
 LUCILLE CAMPBELL ROTCHFORD, A.B., Wheaton College, 1923

ELEANOR RUTH SCHAEFER, A.B., University of Missouri, 1936
 LAURETTA MARY SCHMITT, A.B., Rosary College, 1936
 PAULINE ELLEN SIMMONS, A.B., Earlham College, 1933
 SISTER MARY CELINE O'MALLEY, B.S., Saint Xavier College, 1930
 EUNICE HAZEL SPEER, B.S., Kansas State Teachers College of Emporia, 1930
 SARAH JANE SPENCER, A.B., Ohio Wesleyan University, 1936
 MARJORIE JEAN SPRAKE, A.B., Brooklyn College, 1936
 FELICIA MARIE STERLING, A.B., Columbia University, 1927
 HARRIETT STEUERNAGEL, A.B., Washington University, 1932
 MARY LEA STEWART, B.S., Oklahoma Agricultural and Mechanical College, 1933
 IVAH STOUT, A.B., Indiana University, 1922
 EUDOCIA STRATTON, A.B., Central State Teachers College (Mt. Pleasant, Michigan), 1926, with Honors
 MARGARET MARY SULLIVAN, B.S., Purdue University, 1932
 ORA THELEN, A.B., University of California (Berkeley), 1936
 DONALD EUGENE THOMPSON, B.S., Iowa State College, 1935
 LAURETTA REA TRICKEY, A.B., Phillips University, 1935
 ESTHER EYLENE VISSERING, A.B., Eureka College, 1936
 SUSAN MARIE WATT, A.B., Western College for Women, 1927; A.M., University of Chicago, 1929
 MARGARET WATKINS WHEELER, A.B., Connecticut College, 1927, with Honors
 ARTHUR ELMER WHITENACK, B.S., A.M., Ohio State University, 1926, 1929
 MALCOLM MACLEAN YOUNG, A.B., University of Georgia, 1934
 LILLIAN HELEN YUNGER, A.B., 1936

Degrees Conferred June 11, 1937, in Chicago

COLLEGE OF MEDICINE

Degree of Bachelor of Science

In Medicine

MORRIS ARAN ADLAND	EMANUEL BASS FAGMAN
DONALD WILLIAM ANDERSON	LAWRENCE EDMUND FOSTER
STANLEY EDWARD ANDERSON	KIEFFER EVANS FRANTZ
G. WILLIAM ARENDS	WENDELL RAYBURN FREEMAN
WILLIS HUGH ATKINSON	LEON PHILIP GARDNER
SODDIE JAMES BARKETT	HAROLD XEN GERBER
ADOLPH BARTOLI, JR.	SAMUEL BERNARD GOODSON
LEONARD ALBERT BECKER	HYMAN HARRY GORDON
ROBERT ARCHIE BEEBE	DONN ROBERTS GOSSOM
PAUL BINDER	ALAN D. GREEN
JACK JAMES BOCIAN	HAROLD ANTHONY GRIMM
EMMERT GEORGE BOEKE	EDWARD STANLEY GROSSMAN
GEORGE JOSEPH BREBIS, with Honors	NORTON ROBERT GROTH
WILLIAM JOHN BROWN	FLORENCE EUNICE HART
ALEXANDER MAURICE BUCHHOLZ	ROBERT DEAN HART
JOSEPH HARRY BUCKLEY	FRED ALBERT HEIMSTRA
GEORGE JOSEPH COOPER	FRANCIS JOSEPH HREJSA
THOMAS STEWART CUMMING	GROVER DONALD ICENOGL, with Honors
EMIL STEPHAN DANISHEK	JOHN BAPTIST IORIATTI
ALBERT HAROLD DIAMONDSTONE	HAROLD HERMAN JOFFE
RALPH MARVIN DORNE	ALDONA ANN JUSKA
MAURICE JOSEPH DRELL	RICHARD ERNEST KINZER
JACK WALTER DWORIN, with Honors	LOUIS KLEIN
LOUIS EHRLICH	SIDNEY KLEIN, Ph.G., 1926
NORMAN JAMES EHRLICH, with Honors	SIDNEY KLIGERMAN
HAROLD MARTIN ENGLE, with Honors	SYDNEY MAURICE KOLODNY
PETER THOMAS ESPOSITO	RAYMOND FRANK KONZTORSKI

PAUL KOTIN
 CHARLES RUDOLPH KUDOLLA
 EDWARD WICKLIFFE KUNCKEL
 JOSEPH FRANCIS KUZMA
 MORRIS LANG
 ISADORE LERNER
 PHILIP LERNER
 SYDNEY ALEXANDER LERNER
 LAWRENCE ARNOLD LEVITIN
 GABE CELSOR LONG
 HOWARD ARTHUR LOWY
 LAWRENCE STANLEY MANN
 JOHN STEPHEN MARTIN, Ph.G., 1926,
 with Honors
 JOHN ANTHONY MIRRO
 CHAUNCEY LEE MORTON
 DOROTHY JEAN NIEDERMAN, with
 Honors
 BENJAMIN FRANCIS NOVACK
 AMIEL LEWIS PALERMO
 EDWARD BERNARD PLATTNER, with High
 Honors
 IRVING MAYNARD REINGOLD
 GORDON LARAWAY RICHARDS
 JULIUS BENJAMIN RICHMOND

ALBERT R. ROSANOVA
 FRANCIS JOSEPH SAZAMA
 MILO HILL SCHOSSER
 ADRIAN LEONARD SCHREIBER
 MANUEL SCHREIBER
 EDWARD EMIL SCHUMACHER
 WILLIAM THURMAN SHAFFER
 MAYNARD IRWIN SHAPIRO
 BENJAMIN FRANKLIN SHIRER, JR.
 ALBERT JOSEPH SIMON, with Honors
 MELVIN SIMONSON
 LEO SMOLLAR
 EUGENE SPIERER
 CHARLES FREDERICK STAHL
 BERNARD STRASSMAN
 ALBERT SUMNER
 EVERT ANDERS SWENSSON
 RALPH STRONG TURNER
 GLEN HALL WALKER
 PHILIP THOMAS WEISBACH, JR.
 HENRY SOL WEISKOFF
 ALVIN WEISS
 LADDIE WALTER ZEMAN
 WILLIAM JOSEPH ZIMRING
 IRVING HERMAN ZITMAN, with High
 Honors

Certificate in Medicine

MORRIS ABRAMS, B.S., 1937
 J. JOSEPH ALION, B.S., 1935
 ALBERT HARRY ARGENT
 WILLIS HUGH ATKINSON
 DOROTHY MURIEL BAKER
 ARTHUR LOUIS BARBAKOFF, B.S., 1935
 SIDNEY MORRIS BERNSTEIN
 DUNCAN BIDDLECOMBE, B.S., 1937
 JOHN DEMPSIE BOLAND, B.S., 1936
 BRUCE MORGAN BROWN, B.S., 1935
 LEO JEROME BROWN, B.Ed., Southern
 Illinois State Teachers College,
 1932; B.S., 1935
 LEONARD SUMNER BUCK, B.S., 1935
 MAURICE SAUL BURDICK, B.S., Univer-
 sity of Chicago, 1931
 ROBERT DEFORREST BURLEY, B.S., 1935
 GEORGE BUSH, B.S., 1935
 BERNARD MANUEL CHAPMAN, B.S., 1935
 MEYER B. COHEN, B.S., 1935
 THEODORE MICHAEL COHEN, B.S., 1935
 CLARENCE COHRS, B.S., 1935
 MARSHALL A. COUSENS, B.S., 1935
 EARL SCOTT DAVIS
 ROBERT FULLER DEARBORN, B.S., 1937
 BRUNO ANTON DESULIS
 HARRY LOUIS DEUTSCH, B.S., 1935
 DONALD DICK, A.B., Cornell College,
 1932
 SOL PAUL DITKOWSKY, B.S., 1935
 THEODORE JACOB DULIN, B.S., 1936
 KATHERINE DUNCAN, B.S., 1936

MAURICE DUNN, B.S., 1935, with
 Honors
 LESTER HORROW EISENDORF, B.S., 1935
 SYDNEY FABIAN
 ERNEST THEODORE FAIGLE, Ph.C., B.S.,
 1930, 1936
 JOSEPH EDWIN FAINGOLD, Ph.C., B.S.,
 1929, 1935
 EVERETT GEORGE FALCONER, B.S., 1936
 PHILIP FALK, B.S., 1935, with Honors
 ABRAHAM WILLIAM FELDMAN, B.S.,
 1935
 BOURKE FIRFER, B.S., 1935
 FRANZ KARL FLEISCHLI, B.S., 1935
 ROBERT GEORGE FOX, B.S., 1935
 MITCHELL LOUIS FRANK, B.S., 1935
 WENDEL RAYBURN FREEMAN
 MAXWELL GAGE, B.S., 1935
 IRWIN EARLE GAYNON, B.S., 1937
 GEORGE JOSEPH DAVID GERTZ, B.S., 1935
 WILLIAM NIMMO GILMAN, A.B., B.S.,
 1934, 1935
 HERMAN GLADSTONE, B.S., Northwest-
 ern University, 1934
 HENRY BERNARD GOLDT, B.S., 1936
 ALAN D. GREEN
 MILTON DAVID GROSSMAN
 MARIE ANNA HAGELE, B.S., Lewis Insti-
 tute, 1931; M.S., 1936, with Honors
 EUGENE GREEN HAMILTON
 JOHN RICHARD HEATON, B.S., 1936
 JEROME FREDRICK HEINRICH, B.S., 1935

- EDMOND RICHARD HESS, B.S., 1935
 HOWARD EUGENE HEYER, B.S., 1935,
 with Honors
 JAMES LEOPOLD HORA, Ph.C., B.S., 1933,
 1935
 ISADORE ISOVITZ, B.S., 1935
 ABRAHAM IZZAK JACKMAN, B.S., 1935
 HENRY JOSEPH JACOBS, B.S., 1935
 HILERD WESTLEY JENKINS, B.S., 1935
 LEONARD ALVIN KAGEN, B.S., 1935
 LOWELL EDWIN KANNAPEL, A.B., Brad-
 ley Polytechnic Institute, 1933
 SAMUEL KANTOR, B.S., Northwestern
 University, 1932
 ISADORE ALLEN KAPLAN, B.S., 1935,
 with Honors
 JOSEPH HAROLD KAPLAN, B.S., 1935
 MAX KAPLAN, A.B., University of Ro-
 chester, 1933
 WALTER CURTIS KINSER, B.S., 1937
 RICHARD ERNEST KINZER
 MARTIN JOHN KLAIPMAN, B.S., 1935
 KARL KLOKKE, B.S., Wheaton College,
 1933
 MEYER WALTER KOBRIN, B.S., 1935
 LEONARD HYMAN KOLB, B.S., 1935
 WALTER S. KOTAS, B.S., 1933
 MEYER KUSHNER, B.S., 1935
 GEORGE JEROME KVIDERA, B.S., 1935
 HERBERT LACK, B.S., 1935, with Honors
 HERBERT SOL LAKIN, B.S., 1933
 HENRY PETER LATTUADA, B.S., 1935
 CHARLES RICHARD LENZ, JR., B.S., 1931
 MILTON LERNER, B.S., 1936
 JOSEPH MILTON LEVENSON, B.S., 1935
 MYRON JAME LEVIN, B.S., 1935
 EDWARD LEVINE, B.S., 1935
 BERNARD M. LIPSCHULTZ, B.S., 1936
 ROBERT EUGENE LOGSDON
 GABE CELSOR LONG
 MAURICE LORBER, B.S., University of
 Chicago, 1932
 VICTOR LORBER, B.S., University of Chi-
 ago, 1932, with High Honors
 EDWARD ALBERT LUKE, B.S., 1935
 BURLE BEAUREGARD MADISON
 PHILIP MILTON MARCUS, B.S., 1936
 THOMAS ANTHONY MCINERNEY, B.S.,
 Lewis Institute, 1933
 JEROME SAUL MEHLMAN, A.B., Western
 Reserve University, 1933, with
 Honors
 ABRAHAM MELAMED, B.S., 1935
 JOSEPH RUDOLPH MITCHELL
 LEON FRANK MOLDAVSKY, A.B., West-
 ern Reserve University, 1931; M.S.,
 1932
 MARTIN LUTHER MOSHER, JR., B.S., 1935
 RAYMOND BRERETON MURPHY, B.S.,
 Lewis Institute, 1932, with Honors
 ERNEST MARTIN NIELSEN
 LOUIS OLSMAN, B.S., 1935
 CARL PALUMBO
 SOLOMON PEARLMAN, Ph.B., Univer-
 sity of Chicago, 1933
 HYMAN PECK, Ph.C., B.S., 1929, 1935
 LOUIS JUDEA PERLMUTTER, B.S., 1935
 PAUL QUAYLE PETERSON, B.S., 1935
 REUBEN MAX REIFLER, Ph.G., B.S.,
 1926, 1935
 MILTON ROBIN, B.S., 1935
 WILLIAM ROSENBERG, B.S., 1935
 ALBERT HESSEL ROSENBLATT, B.S., 1935
 ROBERT R. ROTHSCHILD, B.S., 1935
 HARRY OSBOURNE RYAN, JR., B.S., 1935
 ZAL HYMAN SANDERS, B.S., 1935
 FRANCIS EUGENE SAUER, B.S., 1935
 MARGARET MARY SCANNELL, B.S., 1936
 WALTER WILLIAM SCHWARTZ, B.S., 1935
 WAYNE PULLEY SIRLES, B.S., 1935
 HERSCHEL STANLEY SMITH, A.B., 1933
 LEO SMOLLAR
 CARL K. SOLANDER, B.S., 1935
 EDWARD SOSSON, B.S., 1935
 ROBERT ANDREW SPENCER, B.S., 1935
 ISADORE SPINKA, B.S., 1935, with
 Honors
 WILLIAM EDWARD STEINER, B.S., 1935
 ROBERT HEALY STEVENS, B.S., 1935
 GRANT SUTTIE, B.S., 1935
 VLADIMIR CHRISTOV SVETANOV, B.S.,
 1935
 ROY FRANK TEBOREK, B.S., 1935
 MILTON R. TOBIAS
 RUSSELL GROVES TRUMMEL, B.S., M.S.,
 1925, 1931
 GLEN HALL WALKER
 JAMES BRUCE WALLER, B.S., 1935
 REUBEN ROBERT WASSERMAN, B.S.,
 1935
 DAVID WASSERMANN, B.S., 1935
 PAUL K. WEICHSELBAUM, B.S., 1935
 HARRY I. WEINER, B.S., 1936
 BEN K. WILLIAMSON, B.S., St. Am-
 brose College, 1933
 ALLEN EDWARD WINER, B.S., 1935
 WILLIAM HENRY WRIGHT, B.S., 1935
 DILLMAN FORBES ZIEGLER, B.S., 1935
 JOSEPH JOHN ZUSKA, B.S., 1935, with
 Honors

Degree of Bachelor of Medicine

- ALFRED HILTON CASSIDY, B.S., Lewis
 Institute, 1932
 HAROLD WAYNE HAMMATT, B.S., 1933
 DOROTHY KATHRYN O'CONNOR, A.B.,
 B.S., 1933, 1935
 PAUL JOSEPH O'NEILL, A.B., M.S., B.S.,
 1932, 1933, 1936

GEORGE VERNON POTTER, B.S., 1934
WALTER SHRINER, B.S., M.S., 1935,
1937

MAYBELLE P. WILLIAMS, B.S., Shurtleff
College, 1932

COLLEGE OF DENTISTRY

Degree of Bachelor of Science

In Dentistry

DAYTON BELAROUÉ BERK
ALFRED BLOCK, A.B., University of
Michigan, 1934
STEWART LEROY BOND
MARVIN EVERHARDT BROOKSTRA
ALEXANDER DONSHIK
MORRIS EIGEN
MAURICE AARON FERNHOFF
GLEN EVERETT FREY
WILLIAM JOSEPH GIBBS
IRVING GOLDSCHNEIN
JACK WILLIAM GOODMAN
SALVATORE GRIFFO
BERNARD GURIAN
RICHARD HOLIC

IRVING JULIAN HOLSTEIN
FRANKLIN ANDREW JOHNSON
ARTHUR BERNARD JUSTUS
EDGAR FREDERICK LANE
ALBERT ALLEN MARK
ROBERT LEE MOFFETT
HENRY STANLEY RADZIEWICZ, A.B.,
New York University, 1935
LAMBERTUS STEGEMAN RIEDEL
ABRAHAM SILVERSTEIN
SOLOMON I. SMITH
WILLIAM ROBERT STANMEYER
EDWARD JOSEPH SULLIVAN
MARVIN B. WEISS
EDWARD HERMAN WUNDERLICH

Degree of Doctor of Dental Surgery

HENRY FOX, B.S., 1935
JACK FRIEDLANDER, B.S., New York
University, 1933
JACOB MARTIN GOLDSTEIN, B.S., 1936
MURRAY MITCHELL HOFFMAN, B.S.,
1935
ARTHUR BERNARD JUSTUS
EDGAR FREDERICK LANE
JOHN JAMES LITTIG, B.S., 1935
JAMES NORMAN LYNCH, B.S., 1935
RALPH MARGULIES, B.S., College of
City of New York, 1932

ERWIN ROBERT MELCHER, B.S., 1935
HENRY MINTZ, B.S., New York
University, 1933
MAX MOTEW, B.S., 1935
DONALD FRANK NIX, B.S., 1935
LAMBERTUS STEGEMAN RIEDEL
EDWIN JACK ROSS
CAESAR RICHARD RUGGIERI, B.S., 1936
RUDOLPH SCHEIM, B.S., New York
University, 1932
CASIMIR SINIARSKI
HENRY LEWIS WENTE, B.S., 1936

COLLEGE OF PHARMACY

Degree of Bachelor of Science

In Pharmacy

CLIFFORD WILLARD ANDERSON
CHARLES HENRY BECKER, with Honors
PHILIP JOSEPH BOFFA
THERESA MARIE BROCCOLO
EDWARD WILDER BROWN
GEORGE WILLIAM BURHOP, B.S., North-
western University, 1934
FRANKLIN CHARLES CEVELA, B.S.,
Lewis Institute, 1932
CARL ALBERT COHN, B.S., University of
Chicago, 1932
MARCELLA LEONA DARGIS
CLARENCE EARL DENTON
JOHN WESLEY ELAM, B.S., Lewis
Institute, 1934
HARRY FLOWER

COLEMAN H. FOOTE
JULIUS FRANK
ROBERT COULTAS GASEN
SOPHIE INEZ GOLDBERG
JULIUS E. GOLEMBO
JEANETTE SYLVIA JACOBSON
SEYMOUR SANFORD KALOM
LEONARD CARL ALBERT KLEMMER
WILSON T. LACEY
FORREST VIRGIL LEONARD, with Honors
CHARLES JOSEPH LEONE
SAMUEL AARON LEWIS
RUTH VIRGINIA MADISON
FRANK THOMAS MAHER, with High
Honors
H. BERNARD MARDER

FLORENCE LOUISE MARTZ
 JOHN ROBERT MCENCROE
 MAXINE RUTH MCKEE
 JULIUS ALFRED MEYEROVITZ
 BERNARD MEYROWITZ
 FRED THEODORE MUETZE
 JOSEPH A. MULEY
 PAUL NAKTIN
 EDWARD JOSEPH OSMOLAK
 FRANK ERNEST PARKS, JR.
 NATHAN NORMAN POTKIN
 MILTON S. PRIZANT
 JOHN BRUNO PRZEPORSKI, with Honors
 IRVING J. RABINOWITZ
 BERNARD CHARLES ROSENBLOOM

JOHN PHILIP SAMUELS
 JOSEPHINE BERNADETTE SCALETTA
 MARTIN SCHWARTZ
 JOHN SCOTELLARO
 KENNETH MAYNARD STOBART
 RITA IRENE STREIT
 CHARLES WILLIAM STROUT
 GEORGE EMIL SVOBODA
 ARTHUR T. SYPNIEWSKI
 RUBIN URETZKY
 RAYMOND JOSEPH WARZYNSKI, with
 Honors
 BENJAMIN MAURICE WEISS
 IRVING ROBERT WITT
 STEPHANIE INFANTIA ZACK

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Bacteriology

NELL HIRSCHBERG, A.B., Smith College, 1928; A.M., University of Colorado, 1933. The effect of human tissue juices on tubercle bacilli.
 HERBERT ELI MCDANIELS, B.S., University of Chicago, 1925; M.S., 1932. Appraisal of public health work in Oak Park, Illinois.

In Physiological Chemistry

FRANCES AGNES BRIGGS, B.S., 1926; M.S., Tulane University, 1928. The effect of the intravenous injection of crystallized egg albumin on the excretion of the antigen and the blood proteins in the urine.
 HELEN WOODWARD WADE, B.S., Washington University, 1926; M.S., Iowa State College, 1929. Creatine and creatinine excretion in myotonia congenita.

Degree of Master of Science

In Bacteriology

FRANCES MARIE JACOBSON, B.S., 1933
 MYRON JAME LEVIN, B.S., 1935
 DOROTHY KATHRYN O'CONNOR, A.B., B.S., 1933, 1935
 EDWARD ERNEST VICHER, B.S., 1935

In Medicine

THRIFT GENE HANKS, B.S., 1936

In Obstetrics and Gynecology

GEORGE HENRY REZEK, A.B., M.D., 1928, 1933

In Pathology

LOUIS OLSMAN, B.S., 1935

In Physiological Chemistry

NORTON WIEDER HOLDER, A.B., Western Reserve University, 1935

DEGREE OF DOCTOR OF MEDICINE

The Secretary *Pro Tempore* presented also for record the following list of degrees of Doctor of Medicine conferred from January 1 to July 1, 1937:

HARRIE POND ALTMAN, JR., July 1
 HERBERT JACK APFELBERG, B.S., 1934, June 15

MILTON CHARLES BAUMANN, B.S., 1934.....	July 1
ARTHUR BERMAN.....	July 1
GEORGE WENCIL BOHR.....	June 6
HAROLD HENRY BOROS, B.S., Northwestern University, 1931; B.M., 1936.....	July 1
ABRAHAM BRODSKY, B.S., 1936.....	July 1
RAY ELWOOD BUCHER.....	July 1
LESTER PAUL BUNCHMAN.....	July 1
EDWARD MAURICE BURNS.....	June 6
JOHN GOOLSBY CECIL, B.S., 1934.....	July 1
RALPH ROBERT CHAPMAN, B.S., 1934.....	July 1
CHESTER COGGESHALL, B.S., 1934.....	July 1
JOHN LEWIS CUTLER, B.S., B.M., 1936.....	July 1
MEYER MERLE CUTLER, B.S., 1935.....	June 15
DUANE DELBERT DARLING, B.S., University of Chicago, 1930. With Honors, 1931.....	July 1
SYDNEY ALFRED DIAMOND, B.S., University of Chicago, 1931.....	July 1
HOWARD ELLSWORTH DORTON, B.S., 1934.....	July 1
BENJAMIN EINHORN, B.S., B.M., 1923, 1936.....	July 1
GERSON FADEN, A.B., 1931.....	February 10
IRVING FAVUS, B.S., 1934.....	July 1
PAUL EDWARD FELDMAN, B.S., University of Chicago, 1931.....	July 1
ROBERT VERNON FERRELL, B.S., 1936.....	July 1
JACOB C. FLEISCHER, B.S., Northwestern University, 1934.....	July 1
LEONA ROSEMARY FORDON, B.S., 1934.....	July 1
HAROLD S. FRIEDMAN, B.S., Northwestern University, 1931.....	July 1
EUGENE WARREN GESSLER, B.S., 1935.....	July 1
ALFRED JOSEF GOLDYNE, B.S., 1934.....	July 1
JOSEPH ROBERT GORAN.....	July 1
GASPER ASA GOSHGARIAN.....	June 15
MORRIS GREENBERG, B.S., 1934.....	July 1
JACOB GROSSBLAT, B.S., 1934.....	July 1
SAMUEL ALBERT GUNN, B.S., 1934.....	June 15
JOHN OLAF HANSON, B.S., 1934.....	July 1
GEORGE MELVIN HARMS, B.S., 1934.....	July 1
JOHN A. HAVLICEK, B.S., 1934.....	June 6
WADE FREDERIC HERITAGE, B.S., 1933.....	July 1
PAUL HERZOG, B.S., 1934.....	June 15
AARON ARTHUR HILKEVITCH, B.S., University of Chicago, 1934.....	July 1
ALLAN BONNER HIRSCHTICK, B.S., 1934.....	July 1
NATHAN LEONARD HOFFENBERG, B.S., 1935.....	July 1
MAURICE THOMAS HORSMAN.....	July 1
ELFRIEDE HORST, A.B., 1933.....	July 1
HAROLD DALE HUFF, B.S., 1935.....	July 1
KENNETH FRANKLIN HUGHES, B.S., 1933.....	July 1
WILLIAM ADDISON HUTCHISON.....	July 1
FRANCIS MARION JACKS, B.S., 1934.....	July 1
GARLAND URIAH JAMISON, A.B., 1931.....	July 1
NATALIA JULIA JANICKI, B.S., 1934.....	July 1
ERNEST ARTHUR KAHN, B.S., 1935.....	July 1
ELMER JOHN KALAL.....	July 1
JOHN STUART KAPERNICK, B.S., 1934.....	July 1
HENRY KAPLAN, B.S., 1934.....	June 15
SELIG JOEL KAVKA, B.S., 1934.....	June 15
ALFRED JOSEPH KLEIN, B.S., 1934.....	July 1
ERNEST S. KLEIN.....	July 1
CHARLES DONALD KRAUSE.....	June 15
ALFRED JOHN KREFT, B.S., 1934.....	July 1
RALPH KUHLMAN.....	July 1
CORINNA KURVINEN, B.S., University of Chicago, 1924.....	July 1
JOSEPH ARTHUR KWINT, B.S., 1934.....	July 1
HERMAN BORIS LANDER, B.S., 1934.....	July 1
GILBERT GEORGE LAPID, B.S., 1934.....	June 15

HARRY LASIN, B.S., 1936.....	July 1
FRED HUNTER LAWRENCE, A.B., B.S., 1932, 1934.....	July 1
EDWIN HARVEY LAWSON, B.S., University of Chicago, 1932; B.S., 1934.....	July 1
LOUIS LEVIN, B.S., 1934.....	July 1
MILTON JACK LEVISOHN, B.S., 1934.....	July 1
ROLAND MARCO LEVISOHN, B.S., 1934.....	July 1
SAMUEL LIEBMAN, B.S., M.S., 1934, 1936.....	June 24
SOL LUDMERER, B.S., 1934.....	July 1
LLOYD LOUIS MATZKIN, B.S., 1934.....	June 15
SIMON JACOB MAYDET, B.S., 1934.....	July 1
EMERSON KING McVEY.....	July 1
NATHAN HARRY MILLER.....	July 1
WILLIAM GOODRICH MOTEL, B.S., 1932.....	July 1
BERNARD BENJAMIN NEUCHILLER, B.S., 1936.....	July 1
EDWARD PALMER, Ph.B., DePaul University, 1928.....	July 1
ARTHUR KARL PETERSON, B.S., University of Chicago, 1932.....	June 15
FRED AUGUST QUENZER, B.S., 1935.....	June 6
STANLEY EVERETT ROBINSON.....	July 1
HERBERT EDGAR RUBIN, B.S., Northwestern University, 1932.....	July 1
REUBEN RUBISOFF, B.S., 1932.....	January 12
SEYMOUR R. SALBERG, B.S., 1934.....	May 25
PRESTON WALKER SAWYER, B.S., 1934.....	June 15
LOUIS SCHLAN, B.S., 1934.....	July 1
ERNST SCHMIDHOFER, JR.....	June 6
JOSEPH SCHWARTZ, B.S., Northwestern University, 1932.....	July 1
ARTHUR LOUIS SHAPIRO, B.S., 1934.....	June 15
IRENE SHMIGELSKI.....	July 1
DAVID B. SILBERT.....	July 1
ADAM SLAW, B.S., 1934.....	July 1
JOHN WALLACE STASTNY, B.S., University of Chicago, 1931.....	July 1
DAVID WILLIAM STEINBERG, B.S., 1934.....	July 1
HAROLD STEINBERG.....	July 1
HYMAN SYDNEY STEINBERG, B.S., 1934.....	July 1
DAVID HENRY STERN, B.S., 1936.....	July 1
ANTHONY EDWARD SUKIS.....	July 1
IRA TRESLEY, B.S., 1934.....	July 1
JAY DONALD TROTTER.....	July 1
HYMEN LEON UDESKY, B.S., 1934.....	July 1
CHESTER WADE, B.S., M.S., 1934, 1936.....	July 1
WILLIAM STANLEY WALSH, B.S., 1935.....	July 1
JOSEPH EUGENE WALTON, B.S., 1936.....	June 28
MILAN MICHAEL WASICK, B.S., 1934.....	June 15
LEONARD LESTER WEIL, B.S., 1936.....	July 1
JACK WEINBERG.....	July 1
ROSS RUSSELL WELLER, A.B., University of Wisconsin, 1932.....	July 1
CLARENCE BENJAMIN WYNGARDEN, B.S., Wheaton College, 1932.....	July 1
FRANCIS JOSEPH YOUNG, B.S., 1934.....	July 1
JOSEPH JOHANAN YOUNG, B.S., 1934.....	June 15
TOMMY RICHARD YOUNG, A.B., B.S., 1932, 1934.....	July 1
MARY ZELDES, A.B., Knox College, 1932.....	July 1
WILLIAM BERNARD ZELIK, B.S., 1932.....	June 20
SIDNEY EDWARD ZIFFREN, B.S., 1934.....	July 1
RAYMOND DUMONT ZIMONT, B.S., 1934.....	July 1

GRADUATE SCHOLARSHIPS

The Secretary *Pro Tempore* presented also for record the following list of graduate scholars appointed by the President of the University.

Chemistry.....	MICHAEL SYEDA...Eli Lilly Research Fellowship.....	\$750
Entomology.....	KENNETH LEE KNIGHT.....Scholarship.....	300

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary *Pro Tempore* presented also for record a list of appointments made by the President of the University.

Ades, H. W., Research Assistant in Psychology, for two months beginning July 1, 1937, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 23, 1937)¹

Batchelor, Vance, Supply Officer in the Military Department, for three months beginning June 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month, in addition to the amount paid by the United States Government, for which the University assumes no responsibility. (June 12, 1937)

Beach, F. H., to give instruction in Business Organization and Operation, on two-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, involving additional service not contemplated in his appointment to teach during the second semester of the regular academic year, at an additional compensation of one hundred sixty dollars (\$160) for the session. (June 12, 1937)

Borst, Lyle B., Special Research Assistant in Chemistry, for two months beginning July 1, 1937, without salary. (June 22, 1937)

Boyd, Mrs. Ella, Director of Social Activities in the Mary E. Busey Hall, for the Summer Session of 1937, beginning July 1, 1937, and continuing until September 1, 1937, at a cash compensation at the rate of sixty-five dollars (\$65) a month, and maintenance, including living quarters, board, and personal laundry, while on duty. (June 21, 1937)

Breen, H. E., to give instruction in Accountancy, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Brown, Donald M., to give instruction in Mathematics, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Clements, Mrs. Ruth Hyland, Stenographer and Clerk in the Department of Home Economics, in the Extension Service in Agriculture and Home Economics, beginning June 16, 1937, and continuing through August 31, 1937, at a cash compensation at the rate of eighty dollars (\$80) a month. (June 14, 1937)

Cooke, H. G., to give instruction in Organic Chemistry, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Dungan, G. H., to give instruction in Agronomy, on two-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred fifty dollars (\$250) for the session (this supersedes his previous appointment). (July 2, 1937)

Emerson, William S., Special Research Assistant in Chemistry, for one year beginning September 1, 1937, at a cash compensation of two thousand dollars (\$2,000). (June 15, 1937)

Gray, Stephen W., to give instruction in Physiology, on two-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred dollars (\$100) for the session. (June 23, 1937)

Greeley, Paul W., Instructor in Surgery, in the College of Medicine, for two months beginning July 1, 1937, without salary. (June 30, 1937)

Gross, S. T., to give instruction in Chemistry, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, without salary. (June 12, 1937)

Hamilton, T. S., to give instruction in Animal Husbandry, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred forty-eight dollars thirty-three cents (\$248.33) for the session (this supersedes his previous appointment). (July 2, 1937)

Hamp, LeRoy R., to give instruction in Music, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, involving additional service not contemplated in his appointment to teach during the two semesters of the

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

regular academic year, at an additional compensation of five hundred dollars (\$500) for the session (this supersedes his previous appointment). (July 2, 1937)

Hays, Blanche, Stenographer in the Department of Animal Husbandry, in the College of Agriculture, for three months beginning June 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (June 21, 1937)

Huegy, H. W., to give instruction in Business Organization and Operation, on three-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, involving additional service not contemplated in his appointment to teach during the two semesters of the regular academic year, at an additional compensation of two hundred twenty dollars (\$220) for the session. (June 12, 1937)

Hunt, Sylvia, to give instruction in Library Science, on three-fourths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred eighty-seven dollars fifty cents (\$187.50) for the session. (June 12, 1937)

Kearns, Clyde Wilson, Special Research Assistant in Entomology, in the Agricultural Experiment Station in cooperation with the State Natural History Survey Division, beginning July 14, 1937, and continuing until further notice, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (this supersedes his previous appointment). (July 3, 1937)

King, Burnham William, Jr., Special Research Assistant in Ceramic Engineering, in the Engineering Experiment Station, beginning July 1, 1937, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (June 24, 1937)

Krebs, Karl F., Special Research Assistant in Chemistry, for two months beginning July 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 22, 1937)

Mattox, Norman T., to give instruction in Zoology, on three-fifths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred fifty dollars (\$150) for the session (this supersedes his previous appointment). (June 23, 1937)

Musgrave, Mrs. Mildred Scheer, Stenographer in the Department of Animal Husbandry, in the College of Agriculture and in the Agricultural Experiment Station, for three months beginning June 1, 1937, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (June 25, 1937)

Norton, L. J., to give instruction in Agricultural Economics, on three-eighths time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of three hundred twelve dollars forty-eight cents (\$312.48) for the session (this supersedes his previous appointment). (July 2, 1937)

Ott, H. F., to give instruction in Physics, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of two hundred fifty dollars (\$250) for the session (this supersedes his previous appointment). (June 25, 1937)

Renner, Walter Adolph, Special Research Graduate Assistant in the Department of Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (July 6, 1937)

Roberg, O. Theodore, Jr., Assistant in Surgery, in the College of Medicine, beginning June 15, 1937, and continuing through August 31, 1937, without salary. (June 24, 1937)

Shaw, R. I., to give instruction in Agricultural Engineering, on one-third time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred eighty-eight dollars (\$188) for the session (this supersedes his previous appointment). (July 2, 1937)

Siess, Chester Paul, Special Research Graduate Assistant in the Department of Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1937, at a cash compensation of six hundred dollars (\$600). (July 6, 1937)

Smith, Mrs. Mabel P., Director of Social Activities in the Laura B. Evans Hall, for the Summer Session of 1937, beginning July 1, 1937, and continuing until September 1, 1937, at a cash compensation at the rate of sixty-five dollars (\$65) a

month, and maintenance, including living quarters, board, and personal laundry, while on duty. (June 21, 1937)

Sveda, Michael, to give instruction in Inorganic Chemistry, on one-half time, in the Summer Session of 1937, beginning June 21, 1937, and ending August 14, 1937, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (July 2, 1937)

Tilden, Irving Leroy, Resident in the Department of Roentgenology, in the College of Medicine, for two months beginning July 1, 1937, at a cash compensation at the rate of fifty dollars (\$50) a month, plus maintenance (including room, board, and laundry) furnished by the State Department of Public Welfare (this supersedes his previous appointment). (June 16, 1937)

RESIGNATIONS AND CANCELLATIONS

The Secretary *Pro Tempore* presented also for record the following list of resignations and cancellations.

Atchley, F. M., Assistant in Agricultural Economics—resignation effective July 1, 1937.

Cary, Milo G., Supply Officer in the Military Department—resignation effective May 31, 1937.

Freeman, Hal E., Instructor in Hygiene and Medical Adviser for Men—resignation effective July 1, 1937.

Geis, Olive M., Assistant in the Hospital Laboratory, in the College of Medicine—cancellation effective July 1, 1937.

Goldberg, Louis, Laboratory Attendant in the Hospital Laboratory, in the College of Medicine—resignation effective June 16, 1937.

Heslip, M. F., to give instruction in Business Organization and Operation, in the Summer Session of 1937—resignation effective June 21, 1937.

Kukar, M. Bernice, Stenographer in the Department of Dairy Husbandry—resignation effective July 28, 1937.

Ruth, W. A., to give instruction in Horticulture, in the Summer Session of 1937—cancellation effective June 21, 1937.

Sayre, Charles R., Assistant in Agricultural Economics, in the Agricultural Experiment Station—resignation effective July 1, 1937.

Smittle, Wilmar R., Assistant in Dairy Manufactures, in the College of Agriculture and in the Agricultural Experiment Station—resignation effective July 15, 1937.

Sprague, Vance G., Assistant in Agronomy, in the College of Agriculture and in the Agricultural Experiment Station—resignation effective July 15, 1937.

Tappan, Edward A., Resident in the Department of Roentgenology, in the College of Medicine—resignation effective July 1, 1937.

Twomey, Mrs. Irene J., Assistant in Nutrition, in the Agricultural Experiment Station—resignation effective April 19, 1937.

The Board adjourned, to meet in Chicago, at the Blackstone Hotel, on August 2, 1937.

A. J. JANATA

Secretary Pro Tempore

O. M. KARRAKER

President