MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

February 22, 1936



The February meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, February 22, 1936. The following members were present: President Williams, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Pogue.

President Willard was present; also Mr. Janata, Judge Johnson, and Professor Morey.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 24, 1936; also, for record, the minutes of a meeting of the Executive Committee held on January 24, 1936.

On motion of Mr. Karraker, the minutes were approved and received for record as printed on pages 400 to 526 above.

EXECUTIVE COMMITTEE MEETING, FEBRUARY 12, 1936

The Secretary presented also for record the minutes of a meeting of the Executive Committee held February 12, 1936.

EXECUTIVE COMMITTEE MEETING, FEBRUARY 12, 1936

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University Club, in Chicago, at 12 o'clock noon on Wednesday, February 12, 1936. Mr. Edward E. Barrett and Dr. Karl A. Meyer, members of the Committee, were present; also Judge Johnson, University Counsel, Professor Morey, Comptroller, and the Secretary of the Board. Mr. Barrett acted as Chairman

FINANCING AND CONSTRUCTION OF MEDICAL AND DENTAL BUILDING

The Secretary of the Board stated that President Willard had requested him to state to the Executive Committee that the President had been over the matters connected with the financial arrangements for the construction of the second unit of the Medical and Dental College Laboratories Building to be presented to the Executive Committee on February 12, that he was thoroughly familiar with them, and that he approved the recommendations; that owing to the pressure of business in his office he would not be able to attend the meeting; and that he had asked Judge Johnson to present those matters of a legal nature, and Mr. Morey to present those matters of a financial nature.

Judge Johnson presented the following matters:

TRUST AGREEMENT

(1) A trust agreement to be executed by, between, and among the United States of America, the University of Illinois, and a Trustee to be agreed on.

On motion of Dr. Meyer, the President and the Secretary of the Board were authorized to execute this trust agreement.

CONSTRUCTION FUND AGREEMENT

(2) A construction fund agreement to be executed by, between, and among the University of Illinois, the University of Illinois Foundation (or such other person as may be agreed on), and a depository bank (the First National Bank of Chicago), providing for the disbursement of the Federal Grant (Construction Fund A) and the Federal Loan (Construction Fund B).

On motion of Dr. Meyer, the President and the Secretary of the Board were authorized to execute this agreement.

VERIFICATION AND INSURANCE OF TITLE

(3) A recommendation that the Comptroller be authorized to verify the title to the land on which the second unit of the Medical and Dental College Laboratories Building is to be erected, and to secure such title insurance as may be necessary.

On motion of Dr. Meyer, this authority was granted.

LEGISLATION REQUIRED FOR FINANCING CONSTRUCTION OF MEDICAL AND DENTAL BUILDING

(4) In order to meet the conditions and requirements of the Federal Emergency Administration of Public Works with reference to the arrangements for the financing of the second unit of the Medical and Dental College Laboratories Building, it will be necessary to secure amendments to certain Acts of the General Assembly of Illinois, specifically the Act of the Fifty-ninth General Assembly authorizing the Board of Trustees of the University of Illinois to enter into an agreement with the Federal Government for the construction of this building and the Act transferring the title to the site on which the building is being erected to the Board.

It is recommended that the Executive Committee authorize the President of the University to have such legislation as is necessary to meet these requirements introduced in the present special session of the Fifty-ninth General Assembly and to take such steps as may be necessary to secure its passage.

On motion of Dr. Meyer, this authority was granted as recommended.

Professor Morey presented the following statement:

FINANCING OF PAYMENTS DUE CONTRACTORS ON MEDICAL AND DENTAL BUILDING

On February 12, payments will be due certain contractors on contracts for the second unit of the Medical and Dental College Laboratories Building. Funds to cover these contracts are to be entirely provided by the Federal Government in accordance with the offer presented to, and accepted by, the Board of Trustees at the January meeting. It has not been possible, however, to conclude the formalities necessary to meet Government requirements which are a part of the offer, and, although an application has been filed for an advance grant of funds, this application has not yet been acted on. For that reason, the University will not have the Federal funds needed to make payment of the February certificates of contractors when they are due.

The Comptroller has presented this situation to the State Director's Office, and has been advised that the University may make payment for such certificates, provided they have been approved by the Government inspector on the job, from any funds which it has, and on receipt of Government funds reimbursement may be made to other funds for such payments. Nothing in the regulations submitted by the Government in connection with its offer appears to prevent such a procedure, as will be observed by reference to paragraph

2 (b) of the offer above referred to.

The payments due on February 12 on which contractors have asked prompt settlement are as follows:

The University has cash in its working cash fund in its own treasury out of which these payments may be made. By this procedure the contractors would be spared any expense incident to securing a loan and for which they might call on the University for reimbursement. If the work is stopped until funds can be secured, a considerable sum in the form of extras would probably be claimed by the contractors.

I recommend that the Comptroller be authorized to pay the above described obligations from the working cash fund, with the understanding that reimbursement shall be made to this fund from the first money received from the Government on account of this project.

On motion of Dr. Meyer, the Comptroller was authorized to pay the General Contractor \$17,917.98 and the Architects \$8031.96 from the University Working Cash fund in case he is assured that the University will be reimbursed from the funds received from the Federal Government for the construction of this building; and otherwise to assist in making arrangements for a loan to the General Contractor and to the Architects by the First National Bank of Chicago, with the provision that the University be not obligated financially beyond the amount of expense which may be involved in carrying out such arrangements.

The Executive Committee adjourned.

H. E. CUNNINGHAM

Clerk

Edward E. Barrett
Chairman pro tempore
Karl A. Meyer

MATTERS PRESENTED BY PRESIDENT WILLARD

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

LEGISLATION TO AID IN FINANCING THE MEDICAL AND DENTAL BUILDING PROJECT

(1) The completion of the legal and financial arrangements in the United States Government's offer of an outright grant of \$366,000 and a loan of \$1,001,000 for the construction of the second unit of the Medical and Dental College Laboratories Building will require some additional legislation. In accordance with the authorization of the Executive Committee of the Board on February 12, the following bills have been introduced in the first special session of the 59th General Assembly:

House Bill 121.—A bill to amend the Act approved January 16, 1936, which transferred conditionally the title to the site on which the building is to be erected to the University. The Government requires that the title be unconditional so that the bonds to be issued to finance the construction will meet all

legal requirements.

House Bill 122.—A bill authorizing the Board of Trustees to create trusts, to convey property in trust, to enter into trust agreements providing the powers and duties of the trustee and providing for the issuance of bonds by such a trustee and providing for the payment and securing thereof, to enter into year-to-year or other leases, to pledge for the performance of its obligations under such leases certain receipts and collections which the Board is authorized by State law to retain in its own treasury, and to enter into covenants with the United States or any agency thereof and to take other action for the purpose of obtaining grants from the United States to aid in financing the construction and equipping of buildings. According to the Government's legal experts, existing legislation does not fully meet the situation.

This report was received for record.

TRUSTEES FOR MEDICAL AND DENTAL BUILDING PROJECT

(2) A report that the Federal Emergency Administration of Public Works has accepted the First National Bank of Chicago as disbursing agent and Trustee under the indenture for the holders of bonds to be issued in financing the construction of the second unit of the Medical and Dental College Laboratories Building, and the University of Illinois Foundation as the active Trustee in

the Administration of this grant.

The University Counsel has also conferred with officers of the Chicago Title and Trust Company concerning a title guarantee policy. The regular fee for such a policy will be \$2,500, but it is possible that some reduction can be secured. In the meantime, he has suggested to the Federal authorities that the policy be dispensed with entirely, or that it be not purchased at this time but only at such time as the Government might need it in order to market the bonds. If the Government retains the bonds the opinion of a competent law firm as to a title should suffice, and this opinion could be obtained on a cost basis which would be considerably less than the cost of a title guarantee policy.

This report was received for record.

On motion of Mr. Mayer, the President of the University was requested to report on methods of clearing the University's title to the land on which the medical buildings are located.

APPROPRIATION FOR BUSINESS OFFICE EQUIPMENT

(3) A recommendation that an appropriation of \$1,050, or so much thereof as may be necessary, be made from the General Reserve Fund for the purchase of adding, calculating, and dictating machines for the Business Office as replacements for old equipment.

On motion of Mr. Barrett, this appropriation was made, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr.

Meyer, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mrs. Plumb, Mr. Wieland.

APPROPRIATIONS FOR OFFICE OF UNIVERSITY COUNSEL AND PATENTS COMMITTEE

(4) A recommendation that the following appropriations be made from the General Reserve Fund to supplement funds provided for the current year:

On motion of Dr. Meyer, these appropriations were made, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mrs. Plumb, Mr. Wieland.

REAPPROPRIATION OF FUNDS TO THE DEPARTMENT OF HORTICULTURE

(5) A request from the Department of Horticulture that unassigned income in the amount of \$1,866.70, accruing to that Department and carried forward from the fiscal year ending June 30, 1935, be appropriated for the following purposes:

One Dodge pick-up truck\$ 4	89 00
One Dodge platform truck	30 00
One McCormick-Deering tractor	47 <i>7</i> 0
Total\$18	66 70

I recommend approval.

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

APPROPRIATION FOR HAIL INSURANCE ON GREENHOUSES

(6) In accordance with the authorization of the Board of Trustees on July 26, 1935, the Purchasing Agent has secured quotations on hail insurance policies on the glass of the greenhouses on the basis of a replacement cost of eighteen cents a square foot. The lowest quotation was submitted by Howard B. Hare, of Chicago, representing the Phoenix Assurance Company and Springfield Fire and Marine Company, at a cost of \$826.07, for a three-year policy. (The next low bid was \$550 higher.)

low bid was \$550 higher.)

It is possible to place this insurance with one company, and the Purchasing Agent and Comptroller recommended the Springfield Fire and Marine. An appropriation of \$500 was made by the Board when it authorized this insurance, but by taking policies for a three-year period the cost per year is considerably reduced. This will require an additional appropriation of \$327 from the General

Reserve Fund.

I concur in the recommendations for the placing of this insurance and recommend that an appropriation of \$327 be made from the General Reserve Fund to supplement the previous appropriation of \$500 made for this purpose.

On motion of Dr. Meyer, this insurance was placed as recommended, and the appropriation was made, by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mrs. Plumb, Mr. Wieland.

TRANSFER OF UNUSED BALANCES IN SALARIES BUDGETS TO GENERAL RESERVE

(7) The action of the Board in approving the budget for each year provides that when appointments are made at salary rates less than the amounts provided in the budget the unused balances will lapse at that time. As long as there has

been a sufficient balance in the General Reserve such balances have not been transferred immediately but have been permitted to stand and to lapse at the end of the fiscal year. A recent survey (as of January 30, 1936) of departmental salaries budgets indicates that a total of \$5,158 may be transferred at this time, and the Comptroller has been instructed to make this transfer immediately. A schedule of these items is hereby submitted to the Secretary of the Board and to the Comptroller for record.

Additional balances, totalling \$2,232, also remain unused at this time, but the departments concerned have indicated a probable need for these funds. Accordingly, I request authority to permit these balances to remain pending further investigation, their use by the departments to be subject to the approval of the President of the University. If it is found that they are not needed, they will be transferred to the General Reserve Fund, and a report of them will be

made to the Board later.

On motion of Mr. Mayer, this report was received for record, and authority was granted as requested.

LABORATORY FEE IN CHEMISTRY

(8) A recommendation that a laboratory fee of \$12.50 be established in a new course in quantitative analysis (Chemistry 23b, for students in Ceramics and Ceramic Engineering only) to cover the expenses of materials used. This course is the same as Chemistry 24b except that the latter covers more time and gives an extra hour of credit. The laboratory materials and facilities necessary for Chemistry 23b are the same as those necessary for Chemistry 24b, in which the laboratory fee is \$12.50.

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

REGIONAL SOYBEAN LABORATORY

(9) On September 28, 1935 (Minutes, page 404), the Board authorized the Director of the Agricultural Experiment Station to apply to the United States Department of Agriculture for the establishment of one of the regional soybean research laboratories at the University of Illinois. The Director reports that the location of this laboratory in the Middle West will probably be determined before the next meeting of the Board and that the University must be in a position to act promptly. He therefore recommends, and I concur, that the Board authorize the President of the University and the Director of the Agricultural Experiment Station to execute whatever memorandum of understanding may be necessary, and to which in their judgment the University should agree, in the establishment of such a laboratory, and to assign such space and facilities as can be conveniently made available.

The immediate objective of the laboratory is to be confined to finding industrial uses for soybeans and soybean products. It is believed that by rearranging some of the work of the Agricultural Experiment Station the laboratory space may be made available for the ordinary needs of this work. Any extraordinary needs, either of temporary space or equipment and facilities, will be provided by the regional laboratory itself and paid for out of Federal funds assigned for this purpose. This laboratory will serve not only Illinois but all of the North Central States, and the work of the Agricultural Experiment

Stations in this area will be integrated and correlated with it.

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

SUPERVISION OF PLANS FOR FINANCING AND CONSTRUCTION OF FRATERNITY AND SORORITY HOUSES

(10) The Senate Committee on Student Affairs has been instructed to exercise such supervision, and such influence and restraints as seem reasonable, over the plans of fraternities and sororities for the construction and financing of new houses, on the ground that it is advisable and proper for the University, guardedly, to take cognizance of proposals of this type and if serious doubts exist concerning the wisdom of the proposed construction or financing to communicate such doubts to the students, giving reasons. Whether such groups with

the support of mature alumni then decide to proceed despite the expressed doubt of responsible mature University officials, is a question which properly should

be left to the alumni advisers.

The University should not wash its hands of responsibility for ill-advised action by student groups involving them in intolerable financial burdens for years to come. Indiscretion and improvidence in this regard react against the University locally and throughout the State. The University can with complete propriety examine plans and particularly inquire into financial capacity to pay the obligations as they mature. Inasmuch as construction is perhaps in most cases carried on under the direction and control, and on the responsibility, of adult alumni the University probably could not absolutely refuse an organization permission to undertake an enterprise even though grave doubts exist regarding its wisdom.

A confirmation of these instructions is requested.

On motion of Mr. Barrett, the action of the President of the University in issuing these instructions was confirmed.

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(11) A report of the extension of an agreement for a cooperative investigation with the Corn Products Refining Company for a continuation of the study on the use of cerelose in the manufacture of ice cream. The original agreement (approved June 30, 1935, Minutes, page 225) expired on December 31, 1935, and has been extended for a period of six months ending on June 30, 1936. The Company has agreed to contribute an additional \$1,200 for a continuation of this work.

This report was received for record.

COOPERATION WITH TENNESSEE VALLEY AUTHORITY IN PHOS-PHATE DEMONSTRATION AND EXPERIMENTAL WORK

(12) A recommendation from the Dean of the College of Agriculture and Director of the Agricultural Experiment Station for authority to cooperate with the Tennessee Valley Authority in a project to demonstrate the need for phosphorus in establishing and growing soil-conservation and improvement crops on soils low in phosphorus. The Tennessee Valley Authority will supply several carloads of phosphate and will pay the freight on this fertilizer to points at which it will be used under the direction of the Agricultural Experiment Station. The Soil Conservation Service in Illinois will use approximately half of the phosphate in demonstrations on the farms of cooperators within the areas of Civilian Conservation Corps Camps. The Agricultural Extension Service will cooperate with the Soil Conservation Service in planning these demonstrations, and the Extension Service will be responsible for establishing demonstrations outside of the camp areas. The purpose of this demonstration and experimental work is to increase the interest of farmers in the use of phosphate fertilizers on soils requiring such treatment.

On motion of Mr. Mayer, this authority was granted.

FUNDS FROM ROCKEFELLER FOUNDATION FOR UNDERGRADUATE INSTRUCTION IN PSYCHIATRY IN COLLEGE OF MEDICINE

(13) A request from Dr. H. Douglas Singer, Professor and Head of the Department of Neuropsychiatry, in which the Dean of the College of Medicine concurs, for authorization of the acceptance of financial assistance from the Rockefeller Foundation of New York for an extension of undergraduate instruction in psychiatry in the College of Medicine (through various departments of that division), under the following conditions:

I. Period and Amount

A grant of \$15,000 a year for three years, payable in advance either quarterly or in other installments, to provide salaries for additional members of the staff.

2. Purpose

A. To enrich the program of undergraduate instruction in psychiatry as an aspect of general medicine.

B. To contribute towards closing the fissure which now separates psychiatry

from medicine in the training of medical students.

3. General Conditions

A. The project shall be treated as an experiment in medical education to be carried on for a period of not less than three consecutive years, and the

Foundation assures support to the extent of \$15,000.

B. The University reserves the right to terminate the experiment at the end of the three-year period and to return to its former plans of instruction, or such modifications of them as it shall adopt in accordance with the judgment of its

officers.

C. The experiment will be conducted under conditions which will make possible such return to the former status without increase in expenditures from

the usual funds of the University.

4. Control of Program

A. The University reserves the right to modify (within the spirit of the original agreement) any plans which may be agreed upon in advance between the University and the Foundation in such ways as experience shows to be desirable.

B. In any such changes the University will give due weight to the considera-

tion of the original purposes of the grant.

C. No student (graduate or undergraduate) shall be permitted to enter upon any program of study in connection with this experiment which will limit the freedom of the University in determining what it shall continue to do along this line, or which will obligate the University to extend the experiment, or any part of it, beyond the period during which it is financed by the Foundation.

5. Appointments and Tenure

A. The appointments and tenure of all persons to be employed in this work shall be on the same basis, made in the same manner, and subject to the same conditions, as those governing appointments to the University staff.

B. The University assumes no obligations of continuing in service appointees under this experiment beyond the time during which their salaries can be paid from this grant.

C. It is understood that any increases in the salaries of any present or future members of the regular University staff who may be transferred to this work will not obligate the University to maintain such increases after the termination of the experiment, unless some obligations shall have been explicitly stated and recognized by the recommending and appointing officers of the University as a promotion.

D. Any positions created in carrying on the experiment shall be vacated and become non-existent at its conclusion, but the University reserves the right to re-create or extend them according to the judgment of its authorities.

6. Reports and Publications of Results

Such reports on the progress of the work will be made by the University from time to time as may be agreed upon between it and the Foundation. No material shall be released for publication without the joint approval of the Foundation and the University.

7. Payments of Funds and Financial Statements

A. Payments under this grant shall be made by the Foundation directly to the Business Office of the University. Such funds shall be carried in a separate account, and disbursements will be made by the Business Office on the order of the heads of departments concerned and the Dean of the College of Medicine in the same manner as other University funds.

B. The University Comptroller shall submit a financial statement at the end of each year showing receipts, disbursements, and the status of the funds

received under this grant.

C. At the conclusion of the experiment any unexpended and unencumbered balances remaining in the funds received under the grant shall be returned to the Foundation, unless the experiment shall have been previously extended by mutual agreement.

I recommend that this grant be accepted and that the University Counsel be authorized to prepare such memorandum of understanding or form of agreement, which shall include the above terms and conditions, as may be agreed on between the Foundation and the University.

On motion of Dr. Meyer, this agreement was authorized as recom-

mended.

HEADSHIP OF THE DEPARTMENT OF SURGERY

(14) A report from the Committee on the Headship of the Department of Surgery with three recommendations for consideration by the Board of Trustees.

On motion of Mr. Barrett, this matter was referred to the President of the University for further discussion with the committee.

SABBATICAL LEAVES OF ABSENCE

(15) A recommendation that the following sabbatical leaves of absence during (15) A recommendation that the following sabbatical leaves of absence during the academic year 1936-1937 for the periods and under the terms indicated in each case be approved. These applications have all been considered by the Graduate School Research Board, in accordance with the established procedure for dealing with applications for sabbatical leaves, which has inquired into each case carefully and recommends approval. The departments concerned have agreed to provide for the work of the absentees, in accordance with the statute governing sabbatical leaves, without additional expense to the University.

Mr. C. I. Allen Associate Professor of Journalism for one year on half

Mr. C. L. Allen, Associate Professor of Journalism, for one year, on half

Dr. G. M. Almy, Assistant Professor of Physics, for the second semester, on full pay.

Professor H. W. Anderson, of the Department of Horticulture, for six

months from February I, 1937, on full pay.

Professor E. C. Baldwin, of the Department of English, for the first semester, on full pay.

Dr. J. H. Bartlett, Assistant Professor of Theoretical Physics, for one year, on half pay.

Dr. Carroll L. Birch, Assistant Professor of Medicine, from April 15 to

October 15, 1936, on full pay. Dr. F. G. Dickinson, Assistant Professor of Economics, for one year (or

one-half year), on half pay.
Dr. Louise B. Dunbar, Assistant Professor of History, for the second

semester, on half pay.
Professor J. A. Fairlie, of the Department of Political Science, for the

first semester, on full pay.

Professor Louise Freer, Head of the Department of Physical Education for Women, for the first semester, on full pay.

Dr. Ruth Kelso, Assistant Professor of English, for one year, on half pay. Professor A. H. Lybyer, of the Department of History, for the first se-

mester, on full pay.

Professor O. L. McCaskill, of the College of Law, for the second semester,

on full pay.

Professor Régis Michaud, of the Department of Romance Languages, for the first semester, on full pay.

Professor O. G. Schaffer, Head of the Department of Landscape Architec-

ture, for the second semester, on full pay.

Professor H. J. Van Cleave, of the Department of Zoology, for the first

semester, on full pay.
Dr. A. G. Vestal, Associate Professor of Botany, for the second semester, on full pay.

On motion of Mr. Pogue, these leaves were granted as recommended.

LEAVE OF ABSENCE FOR PROFESSOR GEORGE T. FLOM

(16) On January 24, Dr. George T. Flom, Professor of Scandinavian Languages and English Philology, was granted a leave of absence with pay on account of illness from January 6 to March 1. His physician has advised him not to attempt to return to his duties during the second semester, and the Department of English consequently recommends that his sick leave be extended until September 1 or until such previous time as he is able to return to duty, with such deduction from his salary as will be necessary to provide instruction to carry on his work. Heretofore his colleagues have been doing this without additional expense to the University. I recommend approval.

On motion of Dr. Meyer, this extension was granted.

SICK LEAVES OF ABSENCE

(17) A recommendation that leaves of absence, with pay, be granted the following members of the faculty for the reasons and periods indicated in each case: Dr. A. A. Zimmermann, Associate Professor of Anatomy, from December 16, 1935 to January 20, 1936, on account of illness.

Mr. Hugh A. Brown, Assistant Professor of Electrical Engineering, from

February 3 to 29, 1936, on account of illness.

Also a recommendation that the following leaves of absence, with pay, previously granted by the Board, be extended as indicated:

Professor Ruth A. Wardall, Head of the Department of Home Economics, two months from March 1, 1936 (previous leave, January 1 to March 1, 1936), on account of illness.

Mr. Eric V. Sandin, Assistant in English, from January 17 to March 1, 1936 (previous leave, January 14 to 17), on account of illness.

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

LEAVE OF ABSENCE FOR PROFESSOR ERNEST B. LYTLE

(18) Dr. Ernest B. Lytle, Associate Professor of Mathematics, has been on leave of absence with partial pay on account of illness since February 1, 1935. His leave will expire September 1, 1936. His physician reports that Professor Lytle will not be able to return to active service next September. During his absence Professor Lytle's work has been carried on by the Department without any expense to the University (the cost of such additional assistance as is necessary being deducted from his salary). The Department recommends that he be given an additional leave of absence for one year from September I, 1936, on one-half salary. By proper shifting of the work of the Department, Professor Lytle's courses can be taken over by some of the more experienced members of the staff, and the other one-half of his salary will be available for the employment of assistants to relieve these members of teaching elementary and intermediate courses.

I recommend approval.

On motion of Mr. Pogue, this leave was granted.

MERGER OF ALUMNI ASSOCIATIONS OF COLLEGES OF MEDICINE, DENTISTRY, AND PHARMACY

(19) The alumni of the Colleges of Medicine, Dentistry, and Pharmacy have submitted a petition, a copy of which is hereby handed to the Secretary of the Board for record, proposing the unification of the alumni of those three Colleges and requesting an annual appropriation of \$2,000 from the Board of Trustees for the establishment and maintenance of a branch office of the general Alumni Association in Chicago. This petition is supported by a letter from the President of the general Alumni Association stating that it is not able to underwrite the expense because its income has been greatly decreased in recent years.

This merger was approved; the matter of an appropriation was referred to the President of the University for consideration in connection with the budget for next year.

RECREATIONAL FACILITIES FOR STUDENTS IN CHICAGO DEPARTMENTS

(20) On November 27 the Board adopted a recommendation from its Committee on the Chicago Departments that a study be made of the recreational needs of the students in the Colleges of Medicine, Dentistry, and Pharmacy.

This study has been made under the supervision of the Director of the School of Physical Education, a member of whose staff has submitted a report outlining three possible programs—one at a minimum expense using such recreational facilities as now exist; an intermediate program; and an ideal program, including the acquisition of land adjoining the Chicago Departments and the construction of a student center building which would include a gymnasium and other recreational facilities. While this last program cannot be achieved at present because of the expense involved, it is an objective for future years.

To inaugurate a program of physical training under existing conditions and financial limitations, the School of Physical Education suggests the

following:

1. The appointment of a part-time instructor or supervisor to promote a physical training program using existing facilities. This program should be largely recreational, but should provide individual calisthenic exercises for students who desire them and special corrective exercises for students whose physical condition requires such type of work. The salary of a part-time supervisor would be about \$600 a year.

2. The use of the West Side Professional Y.M.C.A. facilities. Approximately ten per cent of the students now use these facilities for basketball; a much larger percentage would undoubtedly use them under the stimulation of a physical education supervisor, competent to instruct or direct them in various indoor sports. Short-term memberships may be had for \$4.00, and annual memberships for \$6.00. Since the University has no gymnasium, shower baths, or recreational facilities, use of these existing facilities in the Y.M.C.A. would appear to be logical.

3. If the Board desires to enlarge the scope of its physical training program by providing suitable play space on or near the campus, the most desirable piece of ground for such plan space is the property of the University of Chicago west of the College of Medicine. If this property could be leased or rented, three or more concrete tennis courts could be erected on it at a cost of approximately \$1,200 a court. Some of the space could also be used for other

outdoor activities.

The adoption of any of these programs will involve an addition to the budget of at least \$600 a year and possibly more, depending on how extensive it is. If it becomes effective during the current academic year, an assignment from the General Reserve Fund will be required.

On motion of Mr. Karraker, the appointment of a part-time instructor was authorized, and an appropriation of \$300, or so much thereof as may be needed for the rest of the academic year was made from the General Reserve Fund by the following vote: Aye, Mr. Barrett, Mr. Karraker, Mr. Mayer, Dr. Meyer, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barr, Mrs. Freeman, Mr. Horner, Mrs. Plumb, Mr. Wieland.

INVESTMENT OF ENDOWMENT FUNDS

Mr. Karraker presented a recommendation of the Finance Committee that the following investments of endowment funds be authorized:

\$5,000 City of Detroit, Michigan, Water Department bonds, 3½ per cent, due

1953, at \$100.70. \$5,000 City of Los Angeles High School District bonds, 3½ per cent, due 1951, at \$100.65.

\$5,000 Los Angeles Gas and Electric Company first 4% bonds, due 1970, at \$104.50.

\$5,000 Du Quesne Light Company, first 3½ per cent bonds, due 1965, at 100%. On motion of Mr. Karraker, these investments were authorized.

STATE HIGHWAYS THROUGH CAMPUS

Mr. Barrett presented the following report from the Committee on Buildings and Grounds on the request of representatives of Urbana and Champaign that the University approve the establishment of an "Optional University Route" over Green Street through the campus for certain State highways:

After very careful consideration of the above matter, and having in mind the responsibility of the Board of Trustees and Administrative Officers of the University for the safety and convenience of the student body, it is the recommendation of the Committee that such an optional route as requested be not

approved and that the previous action of the Board on the subject stand.

It is recommended by the Physical Plant Department that two signs be placed at the corner of Springfield Avenue and Wright Street, indicating by an arrow the direction for cars to take if they wish to leave Route 10 and vieit the University grounds.

visit the University grounds.

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

At this point, Mr. Barr took his place with the Board; and Dr. Meyer withdraw.

REPORT OF FINANCE COMMITTEE ON RETIRING ALLOWANCE AND DEATH BENEFIT SYSTEM

Mr. Karraker presented the following report:

On October 25, 1935, the Board directed that the Finance Committee give further study to the method of financing the University system of retiring allowances and death benefits, and that an opinion concerning the system be secured from the University Counsel.

The Committee has received a report from the Counsel and also from the Comptroller and has reviewed the matter carefully with the President and other officers of the University. The Committee has reached the conclusion that the Board should move as rapidly as practicable toward such a basis that (a) provision will be made from year to year for all obligations accruing under the system on an actuarial basis as a result of service rendered by members of the staff during that year; (b) a part of the cost to be met by deduction from the stated cash compensation of members of the staff; (c) provision by which this deduction may be made without reduction in the present cash compensation paid to members of the staff; and (d) that funds to cover all accumulating obligations be actually set aside from year to year and used to purchase annuity contracts for the individuals concerned.

The Committee finds that such a program, if put into effect during the next biennium, would require added financial provision to the extent of ap-

proximately \$220,000 a year.

The Committee recommends: (1) that the Board adopt the principles set forth herein as a basis, on which the retiring allowance system shall be placed as soon as possible; (2) that the General Assembly be asked at the next regular session to pass in a separate bill from our regular appropriation bill legislation covering the system and including these provisions, together with an appropria-tion of the added amount needed for the next biennium for the purpose.

> O. M. KARRAKER, Chairman KARL A. MEYER OSCAR G. MAYER

On motion of Mr. Barrett, this report was received and placed on file.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

PLANS FOR JOURNALISM BUILDING

(21) A letter from the Chairman of the Building Committee of the Illinois Press Association to the Director of the School of Journalism concerning the proposed building for the School of Journalism. A copy of the letter is hereby handed to the Secretary of the Board for record.

Since the Association expects the Board of Trustees to ask the General Assembly of Illinois to appropriate funds for this building, and requests that preliminary plans and sketches of the building be prepared, the matter is being brought to the attention of the Board.

This report was received for record.

PURCHASES RECOMMENDED

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

1. Pyrex glassware, 102 cases, for the General Chemical Storeroom, from A. Daigger and Company, Chicago, at a cost of approximately \$1,700. The Corning Glass Works is the only manufacturer of this type of glassware, and

ti is sold through jobbers at prices fixed by the manufacturer so that it is non-competitive. A. Daigger and Company has been selected because of the service it can render. Funds are available in the budget for this purchase.

2. One dump truck, International Model C-35, 1½ to 2 ton capacity, from the International Harvester Company, at a net price of \$1,407.10. This truck is to replace a two-ton Dodge truck which has been in the service since August, 1929. Quotations were secured on various models and the Physical Plant Department has checked the specifications of all trucks on which quotations were partment has checked the specimentons of an indexs on which quotations were secured. The International Harvester Company's price is the low net price, after allowance for the old truck. Funds are available in the budget of the Physical Plant Department for this purchase.

3. Automobile fleet insurance on University cars and trucks, including the

following coverage: Property damage, \$5,000; public liability, \$25,000/50,000 ("School Bus" endorsement for all passenger cars)—for the year beginning April 5, 1936, from the Indemnity Insurance Company of North America, through Boggs & Cogdal, of Urbana, at a total premium of \$1,110.01. This is a renewal of insurance which has been carried by the University for many years. Sealed quotations were secured from thirteen agencies, of which Boggs & Cogdal and Burton & Trelease, both representing the Indemnity Insurance Company of North America, submitted the same quotations, both low. Three years ago when similar quotations were received from these two agencies the business was awarded to Burton & Trelease. Funds are available in the budget to pay the premiums.

4. Chemicals, including 244 items, to be placed in stock in the chemical storerooms as follows:

A. Daigger and Company	\$2 273 88	
Wilkens Anderson Company	971 27	
Mallinckrodt Chemical Works		
E. H. Sargent and Company	453 64	
W. M. Welch Manufacturing Company		
Central Scientific Company	61 78	
Schaar and Company	30 30	
T-1-1	4. 05. 66	

Sealed competitive quotations were secured from eleven dealers and manufacturers, and the above recommendation is on the basis of accepting the lowest quotation on each item except in a few instances where the material would not be suitable. Funds are available in the budget for this purpose.

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

PURCHASE OF PROPERTY ADJOINING UNIVERSITY BUILDINGS IN CHICAGO

(23) At its meeting on January 24 the Board of Trustees authorized the purchase of the property at 1752 West Polk Street, which adjoins property now owned by the University. The adjoining property at 1750 West Polk Street can be purchased at this time at a cost of \$8,500, approximately \$3,000 cash and the assumption of a mortgage of \$5,500. It is desirable that this property be purchased and the building on it and the one at 1752 West Polk Street be demolished, which will leave an area large enough for recreational purposes, such as tennis courts, for the students in the Chicago Departments. There is a possibility that funds can be secured from the Works Progress Administration for this purpose.

It would also be desirable for the University to acquire other vacant property in the vicinity. It is not known at this time what this property would

cost.

I recommend that the purchase of the property at 1750 West Polk Street be authorized and the Comptroller be instructed to inquire about the possibility of acquiring the property mentioned.

On motion of Mr. Barrett, this recommendation was adopted. The appropriation was made by the following vote: Aye, Mr. Barr, Mr. Barrett, Mr. Karraker, Mr. Mayer, Mr. Pogue, Mr. Williams; no, none; absent, Mrs. Freeman, Mr. Horner, Dr. Meyer, Mrs. Plumb. Mr. Wieland.

PURCHASES AUTHORIZED

(24) A report of the following purchases authorized by the President (under the authorization of the Board, July 26, 1935, Minutes, page 367):

Circuit breakers, transformers, meters, switches, and wire for switch-board

in Power Plant, from Westinghouse Electric and Manufacturing Company, at a price of \$1,204.78, f.o.b. Urbana.

On motion of Mr. Barr, this action was confirmed.

DEATH BENEFIT-SHERMAN WILLIAMS

(25) A report of the death of Sherman Williams, retired, formerly employed by the Department of Dairy Husbandry, on January 28, 1936, and of the payment of \$262.50, which the Comptroller has been authorized to make to his designated beneficiary.

On motion of Mr. Barr, this action was confirmed.

COMPTROLLER'S REPORT OF CONTRACTS

(26) The following report from the Comptroller of contracts executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER JANUARY 18, 1936 TO FEBRUARY 17, 1936

Agreement for cooperative investigation as authorized by Board of Trustees in meeting of January 24, 1936:

Amount to be received by the With Whom University Date An investigation to study the effect of milk solids on the mineral metabolism American Dry \$3,000.00 January 27, 1936 Milk Institute of children.

Contracts as authorized by Board of Trustees in meeting of January 24, 1936:

With Whom Date George R. Grubb Collegiate Cap and Gown Co. Photo-engraving during the year 1936. January 28, 1936 Rental of caps and gowns for the June 1936 January 28, 1936 Commencement.

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

With Whom	Purpose	Tenure	paid by the University	Date
Illinois Bell Telephone Co.	Rental of program sup- ply circuit for Radio Station WILL.	Indefinite	\$10.50 per month	January 17, 1936
American Can Company	Rental of can closing machine.	r year from January 1, 1036	\$1.00 per year	January 8, 1936

Lease renewal executed under general regulations of the Board of Trustees:

			Amount to be received by the	
Leased to	Property	Tenure	University	Date
Illinois Bell Telephone Co.	128 pairs of underground cables.	year from January 1,	\$345.60	January 31, 1936

This report was received for record.

GIFTS TO THE UNIVERSITY

(27) The following report of gifts:

1. American Council of Learned Societies, \$1,200 for the preparation of an index of a specimen conspectus rerum profanarum (index of secular matters) under the supervision of Professor W. A. Oldfather, of the Department of Classics. The initial contribution of \$600 was received March 16, 1935, and

another \$600 was received in January, 1936.

2. Geological Society of America, \$600 for the construction of a map of the topography off the west coast, the work to be done by Professor F. P. Shepard,

of the Department of Geology and Geography.

3. The Crerar Library, thirty-five volumes of the Zeitschrift für Augenheilkunde (valued at approximately \$200) to the College of Medicine.

4. Mrs. Alice V. B. Clark, widow of the late Dean Thomas Arkle Clark, an oil painting of the Dean by Richard Hult. (This painting is now hanging in the recreation room of McKinley Hospital.)

5. Illinois Society of Engineers, a bronze plaque to commemorate the founding of the Society at the University of Illinois in 1886. (This plaque is to be

hung in Engineering Hall.)

6. The Solvay Process Company, and the Dow Chemical Company, organic chemistry fellowships (one by each company) of \$600 per year for three years beginning September, 1936. The Companies have agreed to the establishment of these fellowships under terms and conditions proposed by the University and similar to those governing the fellowships established by the Chemical Foundation which were approved by the Board on April 20, 1935.

7. The E. I. du Pont de Nemours & Company, \$2,000 for the employment of a research assistant in the Department of Chemistry during 1936-37 to assist Professor R. C. Fuson in his researches, this being a continuation of the grant made by this Company last year.

On motion of Mr. Barr, these gifts were accepted with thanks.

REPORTS ON PATENT APPLICATIONS

(28) A report from the Secretary of the Board that he has received the following documents relating to patents:

1. United States Letters Patent No. 2027982, Processes for Removing

Catalysis Inhibitors from Aqueous Solutions, issued on January 14, 1936, to the Board of Trustees of the University of Illinois as assignee of H. F. Johnstone.

2. Assignment of H. F. Johnstone to the Board of Trustees of his right, title, and interest in and to the invention disclosed in his application for United States Letters Patent, Serial No. 56,433, filed December 28, 1935, covering an improvement in Process of Recovering SO₂ from Waste Gases, Case 7. The

¹The American Council of Learned Societies, organized in 1919, consists of 19 national societies, such as the American Philosophical Society, the American Historical Association, the American Classical Association, etc. Among its activities is publishing, for example, the Dictionary of American Biography. It is financed by annual dues from the member societies and by grants from foundations.

assignment was received and recorded in the Patent Office on December 28. 1935, in Liber I-165, page 604, of Transfers of Patents.

This report was received for record.

E. A. WALLACE MEMORIAL SCHOLARSHIP

(29) A report that the Board of Education of Havana, Illinois, has nominated Richard Gordon of that city as beneficiary of the E. A. Wallace Memorial Scholarship for the second semester 1935-36, vice Wayne Munsch, who has

This report was received for record.

MEDICAL PARK AT CHICAGO

(30) At the meeting of the Board on December 18, 1935 (Minutes, page 490) a report was made that the bill to create a Medical Park Authority in Chicago had been revised in accordance with the suggestions made by the University and this revised bill was introduced in the General Assembly.

A new bill with a further revision was introduced on February 5, 1936, in the General Assembly (House Bill 6, third special session), which materially changes the provisions for the appointment of the Trustees of the proposed Medical Park Authority. The new bill provides that the "Authority shall be managed, controlled, and directed by a Board of seven trustees, one trustee to be representative of each of the following public bodies: the following three departments of the Government of the State of Illinois: Welfare Department, Health Department, and the University of Illinois: the two subdivisions of the Health Department, and the University of Illinois; the two subdivisions of the Government of the County of Cook: Welfare Department and Cook County Hospital; the city of Chicago; and the Chicago Park District. These appointments shall be made by the Mayor of Chicago within thirty days following the passage of this Act.

On motion of Mr. Barr, the President of the University was requested to advise the sponsors of the Medical Park that the Board does not approve the method of appointment of its representative and to request that the University shall be named as a separate entity, and that any representative of the University on the Medical Park Authority shall be appointed by the Board of Trustees of the University.

DEGREES CONFERRED IN FEBRUARY

(31) The University Senate recommends the following candidates for degrees, as indicated in each case, to be conferred in February, 1936.

On motion of Mr. Barr, these degrees were authorized.

GRADUATE SCHOOL

Degree of Doctor of Philosophy

In Bacteriology

FRANK THORP, JR., D.V.M., Iowa State College, 1926; M.S., Virginia Polytechnic Institute, 1927

In Chemistry

Samuel H. Eppstein, A.B., University of Chicago, 1929 Eugene Dodson Farley, A.B., University of Wisconsin, 1931; M.S., 1933 Jared Hewes Ford, A.B., Oberlin College, 1931; A.M., 1932

BERNARD SAMUEL FRIEDMAN, A.B., 1930
KENNETH STANLEY KEMMERER, B.S., M.S., Beloit College, 1930, 1932
WILLIAM JOSEPH SPARKS, A.B., A.M., University of Indiana, 1926, 1929
ROBERT RHORER STERRETT, B.S., Purdue University, 1931; M.S., St. Louis University, 1932

In Classics

CHARLES CLARE HOWER, A.B., North Central College, 1927; A.M., 1928

In Economics

HARRY GRAY BRAINARD, B.S., M.S., University of North Carolina, 1930, 1931

WAYNE FARLEY CASKEY, Ph.B., University of Chicago, 1930; M.S., 1933 $_{
m VirGil}$ Dale Cover, B.S.C., University of Iowa, 1930; M.B.A., Northwestern University, 1931

WILLIAM RANDOLPH CURTIS, A.B., A.M., University of North Carolina, 1930, 1931 THEODORE CHRISTIAN HELMREICH, A.B., A.M., 1932 LOUIS JEFFERSON LONG, B.B.A., A.M., University of Colorado, 1930, 1931 JESSE TAYLOR PALMER, B.S., M.S., 1928, 1931

In Engineering

KENNETH CASSINGHAM LYON, B.S., M.S., 1931, 1933

In German

IAN JAMES BALD, A.B., Hamilton College, 1927; A.M., 1932

In History

GEORGE LEIGHTON LAFUZE, A.B., A.M., University of Florida, 1928, 1929 ALMONT LINDSEY, B.S., Knox College, 1928; A.M., 1930 GEORGE WILLIAM FREDERICK STRIPLING, A.B., 1933

In Mathematics

GAINES BARRETT LANG, A.B., A.M., 1927, 1929

In Psychology

RICHARD CARNES LEDGERWOOD, A.B., A.M., Washington University, 1929, 1930

In Romance Languages

Luis Avilés, A.B., Park College, 1924; A.M., University of Kansas, 1929 PETER S. PRESTA, A.B., Lake Forest College, 1929; A.M., 1931

In Zoology

OTTO ERICH KUGLER, B.S., Elmhurst College, 1929; M.S., 1930

Degree of Master of Arts

In Botany

MARGARET MIDDLETON, B.S., Illinois Wesleyan University, 1929 GUYDELL LEHMAN SCHWARTZ, B.S., 1934

In Economics

LAWRENCE LESLIE WATERS, B.S., Central Missouri State Teachers College, 1935

In Education

KONRAD CARL DILLOW, B.Ed., Southern Illinois State Normal University, 1932 VIOLA KATHERINE POWELL, B.S., Ball State Teachers College, 1930

In English

WILLIAM BARTON BAIN, A.B., Miami University, 1934 BLANCHE BELL, B.S., 1934 ELIZABETH DAVENPORT COGSWELL, A.B., Illinois College, 1923 VERNA IRENE CROFTS, A.B., Wheaton College, 1925 AMY IRENE HOLLEM, B.Mus., B.S., 1923, 1928 IOHN D. Morse, A.B., 1930 Mary Virginia Elizabeth Weber, A.B., Rosary College, 1934

In History

MARIE LOUISE ADAMS, A.B., MacMurray College, 1929

In Library Science

RUTH ELIZABETH BERGMAN, A.B., University of South Dakota, 1924; B.S.(Lib.),

EVELYN MILDRED HENSEL, B.S., Ohio State University, 1928; B.S. (Lib.), 1931 RUTH CAROLINE KRUEGER, B.S., Eastern State Normal School (S.D.), 1925; B.S.(Lib.), 1927

In Political Science

HENRY HWEI DEN, A.B., Southwestern College, 1934

In Romance Languages

FELIX BRUNO GIOVANELLI, A.B., 1935 MARY ELIZABETH KLINGNER, A.B., 1934

Degree of Master of Science

In Accountancy

MARGARET LAMBERTON, B.S., 1925

In Agronomy

WILLIAM BRYAN BRAEUNINGER, B.S., 1931 WILBUR CALVIN BROKAW, B.S., 1932

In Botany

ROBERT VIRGIL DREXLER, B.S., Bradley Polytechnic Institute, 1934

In Chemistry

George Bosworth Brown, B.S., Illinois Wesleyan University, 1934 Albert Robert Hanke, B.S., 1933

In Civil Engineering

MEHMET ORHAN EMRE, B.S., Robert College, 1934 KENNETH DEFORD MORLAND, B.S., 1933

In Economics

ZAO-MING TSU, B.S., Chiao-Tung University, 1933

In Education

Donald Merrell Bethel, A.B., Parsons College, 1924
Kathryn Gertrude Hansen, B.S., 1934
James Earl Patton, B.Ed., Illinois State Normal University, 1930
Ercell Vance Purnell, B.Ed., Southern Illinois State Normal University, 1927
Beryl Shenk Taylor, B.S., 1932
Louis Anton Wright, B.S., 1934

In Electrical Engineering

WILLIAM WRIGHT HINSHAW, B.S., 1933

In Theoretical and Applied Mechanics

RONALD NATHAN ARNOLD, B.S., Glasgow University, 1932

In Physics

ADAM CLARKE BEILER, B.S., Allegheny College, 1933

In Zoology

TRUMAN LINDEN CHILES, B.S., Illinois Wesleyan University, 1927

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

FLORENCE IRENE ADAMS
RUTH CAROL BAUERSFELD
WILMA IRENE BEANE
VIRGINIA ANN BRUBAKER
ROBERT HATCH BRUNSMAN, WITH
HONOTS IN POLITICAL SCIENCE
REDMOND AMBROSE BURKE
MARY FRANCES ROSE BURNHAM
RUTH ELIZABETH CAMPBELL
PAUL JOHN COOKE, WITH HONOTS IN
English
JOHN ALVIN CORRINGTON

BEATRICE ADA DENSMORE
FRANCIS JAMES DUFFY
BERNICE BRINKEMA ENNIS
MAXIMINO BERNARDO DE GUZMAN
AUDREY ADRIENNE HOFFMAN
HARRY DAVID HOLT
EDWARD LEONARD JARL, JR.
HELEN CAROLYN JILEK
VIRGINIA ELIZABETH JOHNSON
MARY GRAHAM KERVEY
MARY JOSEPHINE KIENTZLE
ERLAND LANNERUD

SAMUEL HOUSTON LAY
FRANCES LAILE LEAVITT
BERNARD GEORGE MAXWELL
CLEMENT STERLING MORSTAD
NATALIE ELIZA MURRAY
BENNY NAURICH
CATHERINE ANGELA PEPIN
WILLIAM GEORGE POTSTOCK
MURRILL DAVID SANDERS, with Honors
in English
RUTH HULDA SCHRENK

MARY E. STANDER
JIM ELMER STIEHL
LAWRENCE EDWARD TEX
EDWARD JOHN VAN LOON
LAURA MARY VENTRESCA
CARL JOHN WEINMAN, with High
Honors in Entomology
GUY RHODES WILLIAMS
GENE WILLIS
EVELYN LOUISE WOOD
EVELYN MAE WREDE

Degree of Bachelor of Science

In Liberal Arts and Sciences

RICHARD JAMES CHRISTMAN
CATHERINE DENKMANN HAUBERG
WILLIAM ROBERT McCLELLAN, with
High Honors in Chemistry

DOROTHY M. SUTHERLAND CHARLES DICKSON TROMBOLD

In Chemistry

DONALD CHARLES ISTED

DONALD HENRY SMALE

In Chemical Engineering

HARRISON CHARLES BLANKMEYER
LLOYD EMIL DIMOND

LYLE WILLIAM PAPENDICK

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

HERBERT METHVEN BARTON WALTER ROBERT MCKEAG FLLIS LOWELL MILLER MAX RAPHAEL PEKARSKY CLARKE LEROY SHABINO, with Honors CHARLES SHAUGER

In Banking and Finance

ROBERT DALE FERGUSON HAROLD HERSHY JACOBS

JAMES NELSON SPEER

In Commerce and Law

BERNARD BENEDETTO HERVEY EDWARD BENSON ROBERT HOLLAND CHASE

In General Business

CARLTON JERVIS AYDELOTTE
EDWIN GENE BERBAUM
ORVILLE WARD ELDRED
RAYMOND FINFGELD
ROYCE HERBERT FOLEY
GEORGE RUDOLPH FREDERICK
ALLEN DWIGHT FULLERTON

John Janovic, Jr.
Edward Schaefer
George Ernst Schaefer
Lawrence August Sticher
Clarence Vroegindewey
Isaac Newton Walker

In Industrial Administration

HUGH THOMPSON BUNDY RICHARD HARRY LUDERS CLARENCE ROBERT PLANKENHORN

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Ceramic Engineering

JACK CASH BELL

CECIL KENNETH KELLER

In Civil Engineering

RIZAL DONALBO ABRINA WILSON LAMOREAUX DORNAUS Andrew Vern Plummer Jewell Howard Stephenson

In Electrical Engineering

Morgan L. Edwards, Jr. Leslie Arthur Reinking

DONALD PAUL ZOCHERT

In Engineering Physics

RALPH EMERSON TURNER

In Mechanical Engineering

GEORGE ADRIAN COLLINS, JR.

PAUL GALLAGHER

Frank Blake Foster, with Honors

Armando Carlos Tejada, U.

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

EDWARD JOSEPH BARNES
HERMAN MARION DAVIS
MERRITT EUGENE DONEGHUE
EARL FRANCIS ELSON
HUBERT JUST FOMBELLE
BENJAMIN BURNHAM HARRISON
RICHARD PATTERSON HARTMAN, with
Honors
ROBERT WARD HUGHES, with Honors

ROBERT WARD HUGHES, with Honor HOWARD STEPHEN HUSSEY KENNETH JOE JOHNSON CYRIL RODES LAFFOON EARL MELVIN LUTZ
BERT MERLYN MCKEE
WILLIAM CARROLL MUMMERT
PAUL LEWIS POIROT, WITH HIGH HONOTS
PAUL WHITEHEAD REDDISH
JOHN ARNOLD STRATTON
PHILIP WILLIAM STRUBLE
RICHARD STEPHEN VANINGER
GAYLE EUGENE WHITTAKER
WALTER JOE WILLS, WITH HIGH HONOTS
VERNON LESLIE WOLLAND
EDWARD FLETCHER WOODMANSEE

In Home Economics

LEONA MAXINE MUMMERT LEONE ALLEN WADDELL LELA ESTELIN WATTS MARY ELLEN WILBRAHAM

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

OPAL ADDIE BASKIN BETTY LOU BILLS PEARL CLARA BUZY VIRGINIA DOW CASTO YOLANDE ELWOOD CLEVENGER JEANNE MARIE CUTLER OTIS DANTE JAMES ROBERTSON DEMOREST Maurice Harold Friedman Steve George Grohar MARIEN ELLEN HARMISON CHARLES FREDERICK HENNECKE VIVIAN SEELEY HELMER CHESTER LAVERNE HOLSTRUM CLAUDE LESTER HOWELL CORAL MAURINE JURY
EIMEI KATO
HELEN MARGARET LANTZ
EDITH ETTA LASON EUGENE GEORGE LAUGHERY

MARTHA VIRGINIA LAW
MAURICE NOYES LAWLER LIZZIE LAMPORT McREYNOLDS CATHERINE ELIZABETH MARTIN GENEVA CAROLYN MATHIS ELEANOR BARBARA MONNIX VIRGINIA ELOISE RECH MARY WINIFRED SKINNER, with Honors in Art PAULINE MILDRED SLEPICKA Amelia Eleanor Smith HAROLD TEITELBAUM FRANCES JOAN THURSTON JOHN TONCOFF WILLIAM HOWELL WALLER HELEN MARGARET WASSON DOYEL PRITCHETT WENDELL HENRY WIEDERHOLD JULIUS FRANCIS WIESE

In Home Economics Education

ANNA KATHERINE VON ALMEN

In Industrial Education

RONALD CHARLES SHAFER

COLLEGE OF FINE AND APPLIED ARTS

Degree of Bachelor of Science

In Architecture

HAROLD HILLARD CROST ALBERT MEYER GOEDDE MAX OTTO URBAHN

In Public School Music

JUDITH FINKEL

Degree of Bachelor of Music

ANN RUSSELL YOUNG

COLLEGE OF LAW

Degree of Bachelor of Laws

Caslon Kent Bennett, B.S., 1933
HAROLD SAMUEL DAWSON, B.S., 1931
WILLIAM JACKSON GILLILAND, A.B.,
1934
NORVAL DOUGLAS HODGES
WARREN JEFFERSON LEWIS, A.B., 1934
WILLIAM LESLIE NAFTZGER, A.B.,
DePauw University, 1931

Alfred Harry Reichman, A.B., 1934 Milton Emanuel Reingold, B.S., 1932 John Frederic Robinson, A.B., 1933 Carl Dallas Sneed, A.B., 1933 John William Suddes Harold Tucker James Leopold Waring, A.B., 1933

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

MAXINE MILDRED JACKSON

MAURICE ARTHUR MELFARB

COLLEGE OF MEDICINE

Degree of Bachelor of Science

In Medicine

JOHN DEMPSIE BOLAND THEODORE JACOB DULIN KATHERINE DUNCAN EVERETT GEORGE FALCONER ROBERT VERNON FERRELL HENRY BERNARD GOLDT JOHN RICHARD HEATON MILTON LERNER PHILIP MILTON MARCUS PAUL JOSEPH O'NEILL

Certificate in Medicine

GERSON FADEN, A.B., (as of June 28, 1935)

WILLIAM HENRY KAEISER (as of June 26, 1935)

COLLEGE OF DENTISTRY

Degree of Bachelor of Science

In Dentistry

CAESAR RICHARD RUGGIERI

COLLEGE OF PHARMACY

Degree of Bachelor of Science

In Pharmacv

SISTER HILTRUDIS CHLEBIK

SISTER EVARISTA HIGGINS

Degree of Pharmaceutical Chemist

Alfred Catelani

EDWARD THOMAS GRAMS

GRADUATE SCHOOL (CHICAGO)

Degree of Doctor of Philosophy

In Physiology

HOWARD CHESTER PETERS, B.S., Northwestern University, 1932

Degree of Master of Arts

In Psychology

RAYMOND EDWARD SCHARPEN, A.B., 1932

Degree of Master of Science

In Bacteriology

HERMAN CHARLES MASON, B.S., University of Chicago, 1932

In Pathology

Elmer Joseph Kocour, B.S., M.D., 1930, 1933

In Physiology

SOLOMON CARL WERCH, B.S., M.D., 1931, 1934

In Psychiatry

Samuel B. Broder, A.B., University of Pennsylvania, 1926; M.D., Rush Medical School, 1933

In Orthodontia

GERALD THOMAS MILLIETTE, B.S., University of Dayton, 1930; D.D.S., Marquette University, 1931

APPOINTMENTS MADE BY THE PRESIDENT

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

Black, Charles Theodore, Assistant in Zoology, on one-fourth time, beginning February 4, 1936, and continuing until June 30, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 8, 1936) Brown, Walter Howard, Assistant in Botany, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of sixty

dollars (\$60) a month. (February 13, 1936)
Bruner, David Kincaid, Assistant in English, on two-thirds time, for five months beginning February 1, 1936, at a cash compensation at the rate of ninety-eight dollars fifty-five cents (\$98.55) a month (this supersedes his previous appointment). (January 29, 1936)

Burroughs, E. Wise, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for seven months beginning February 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month.

(February 7, 1936)
Butner, Helen Taylor, Home Adviser-at-Large, in the Extension Service in Agriculture and Home Economics, for six months beginning March 1, 1936,

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

at a cash compensation at the rate of two thousand two hundred dollars

(\$2200) a year. (February 11, 1936)

Byman, Leonard, Assistant in Chemistry, on one-half time, for five months beginning February I, 1936, at a cash compensation at the rate of sixty dollars

(\$60) a month. (February 7, 1936) Cameron, Paul Elliott, Junior Accountant in the Accounting Division of the Business Office, for seven months beginning February 1, 1936, subject to the rules of the Civil Service Commission, at a cash compensation at the rate

of eighty-nine dollars twenty-five cents (\$89.25) a month. (February 6, 1936)
Cassidy, Elliot, Assistant in Political Science, on one-half time, for five
months beginning February 1, 1936, at a cash compensation at the rate of sixty

dollars (\$60) a month. (February 7, 1936)
Clowes, Leo C., Instructor in Surgery, in the College of Medicine, for seven months beginning February 1, 1936, without salary. (January 25, 1936)

Cooper, Helen Margaret, Student Cataloger in the Library, on one-half time, beginning February 10, 1936, and continuing until August 31, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 12, 1036)

Corbett, Willard Jason, Special Research Assistant in Dairy Manufactures, in the Agricultural Experiment Station, beginning January 8, 1936, and continuing through July 7, 1936, at a cash compensation at the rate of one hundred

fifty dollars (\$150) a month. (January 25, 1936)

Cross, James Martin, Assistant in Chemistry, on one-fourth time, for five

months beginning February I, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 7, 1936)

Darling, Ralph Phillip, Assistant in Criminology, Social Hygiene, and Medical Jurisprudence, in the College of Medicine, beginning February 15, 1936, and continuing until September 1, 1936, without salary. (February 22, 1936)

David, Max William, Assistant in Geology, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 29, 1936)

Doster, Agnes Mary, Instructor in Home Economics, in the College of Agriculture, on one-fifth time, beginning February 1, 1936, and continuing through June 15, 1936, at a cash compensation at the rate of forty-four dollars forty-four cents (\$44.44) a month. (February 11, 1936)
Drexler, Robert Virgil, Assistant in Botany, on one-half time, for five

months beginning February 1, 1936, at a cash compensation at the rate of sixty

dollars (\$60) a month. (February 13, 1936)

Dunkin, Paul Shaner, Cataloger in the Library, on four-fifths time, for seven months beginning February 1, 1936, at a cash compensation at the rate of ninety-one dollars eighty-three cents (\$91.83) a month (this supersedes his

previous appointment). (February 5, 1936) Edwards, Harold Mortimer, Purchasing Agent for seven months beginning February 1, 1936, and Instructor in Business Organization and Operation, for five months beginning February 1, 1936, at a cash compensation at the rate of four hundred thirty-two dollars eight cents (\$432.08) a month for five months beginning February 1, 1936, and at the rate of four hundred two dollars eight cents (\$402.08) a month for two months beginning July 1, 1936 (this

supersedes his previous appointment). (February 5, 1936)
Elliott, Curtis Miller, Assistant in Economics, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 4, 1936)
Esterquest, Ralph Theodore, Student Cataloger in the Library, on one-half

time, beginning February 10, 1936, and continuing until August 31, 1936, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 12, 1936)

Flashenberg, William M., Assistant in History, on one-fourth time, for five months beginning February I, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February II, 1936)

Fortenberry, Charles Nolan, Assistant in Political Science, on one-fourth time, for five months beginning February I, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 8, 1936)

Foster, Thural Dale, Assistant in Zoology, on one-third time, for five months beginning February 1, 1936, at a cash compensation at the rate of forty dollars (\$40) a month (this supersedes his previous appointment). (February 11, 1936)

Gillett, Theresa W., Cataloger in the Library, on four-fifths time, for seven months beginning February 1, 1936, at a cash compensation at the rate of ninety-one dollars eighty-three cents (\$91.83) a month (this supersedes her previous appointment). (February 5, 1936)

Glass, Dudley B., Assistant in Chemistry, on one-third time, for five months

beginning February 1, 1936, at a cash compensation at the rate of forty dollars (\$40) a month. (February 7, 1936)

Green, Ralph V., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 7, 1936)

Greenlee, Sylvan Owen, Assistant in Chemistry, on one-fourth time, for

five months beginning February 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 7, 1936)

Hansen, Edwin LeRoy, Assistant in Agricultural Engineering, in the College of Agriculture, and in the Agricultural Experiment Station, for seven months beginning February 1, 1036, at a cash compensation at the rate of one hundred ten dollars thirty-three cents (\$110.33) a month. (January 29, 1936)

Heinzman, Walter Phillip, Assistant in Mathematics, on four-fifteenths time, for five months beginning February 1, 1936, at a cash compensation at the rate of thirty-six dollars (\$36) a month. (February 13, 1936)

Henze, David, Dental Storekeeper in the Dental Supply Room, in the College of Dentistry, for seven months beginning February I, 1036, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (February 13, 1936) Higgins, Marion V., Associate in Library Science, for one year begin-

ning September 1, 1936, at a cash compensation of two thousand four hundred dollars (\$2400). (January 25, 1936)

Hoover, William Farrin, Assistant in Geology, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 29, 1936)

Jeanes, Allene Rosalind, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1936, at a cash compensation at the rate of

thirty dollars (\$30) a month. (February 7, 1936)

Kinney, Corliss R., Special Research Assistant in Chemistry, for seven months beginning February 1, 1036, at a cash compensation at the rate of one hundred sixty-six dollars sixty-six cents (\$166.66) a month. (January 25, 1936) Klein, Reuben Isadore, Instructor in Pathology, in the College of Medicine,

on one-eighth time, for five months beginning February 1, 1936, at a cash compensation at the rate of twenty dollars (\$20) a month (this supersedes his previous appointment). (February 6, 1936)

Kronenberg, Milton Henry, Associate in Bacteriology and Public Health, in the College of Medicine, beginning February 15, 1936, and continuing until September 1, 1936, without salary (this is in addition to his appointment as Asso-

ciate in Medicine). (February 10, 1936)

Leckie, George Gaines, Assistant in Philosophy, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 7, 1936)

Lemon, Paul Clipfell, Assistant in Botany, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 13, 1936)

Lentz, Gilbert G., Assistant in Political Science, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of sixty

dollars (\$60) a month. (February 7, 1936)

Lifvendahl, Richard A., Associate in Gynecology, in the Department of Obstetrics and Gynecology, in the College of Medicine, for eight months beginning January 1, 1936, without salary. (January 25, 1936)

McMichael, Paul Clarence, Assistant in Journalism, on one-half time, for five months beginning February 1, 1936, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 13, 1936)

Matson, Edward John, Assistant in Chemistry, on one-half time, for five

months beginning February 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 7, 1936)

Middleton, Margaret, Assistant in Botany, on one-fourth time, for five months beginning February 1, 1936, at a cash compensation at the rate of thirty

dollars (\$30) a month. (February 13, 1936)

Miller, Glenn Wasson, Assistant in Economics, on three-fourths time, for five months beginning February 1, 1936, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment.) (February 7, 1936) Morrison, Alice, Assistant in English, on one-third time, beginning February

16, 1936, and continuing until July 1, 1936, at a cash compensation at the rate

of fifty dollars (\$50) a month. (February 19, 1936)

Oehler, René, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 7, 1936)

Peppel, William J., Assistant in Chemistry, on one-fourth time, beginning February 17, 1936, and continuing through June 30, 1936, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1936)
Richman, Samuel H., Instructor in Roentgenology, in the College of Medi-

cine, beginning February 14, 1936, and continuing until September 1, 1936, without salary. (February 18, 1936)

Sample, James H., Assistant in Chemistry, on one-third time, for five months beginning February 1, 1936, at a cash compensation at the rate of forty dollars (\$40) a month. (February 7, 1936)

Severens, James Madison, Assistant in Animal Genetics, in the Agricultural Experiment Station, beginning February 10, 1936, and continuing through June 30, 1936, at a cash compensation at the rate of one hundred twenty-five dollars

(\$125) a month. (February 7, 1936)
Silander, Janna Mae, Assistant in Home Economics, in the College of Agriculture, on one-fifth time, beginning February 1, 1936, and continuing through June 15, 1936, at a cash compensation at the rate of forty-four dollars forty-four cents (\$4.44) a month (this is in addition to her appointment as House Manager of Davenport House). (February 11, 1936)

Singh, Alamjit Dhaliwal, Special Research Assistant in Chemical Engineering, in the Engineering Experiment Station, beginning March 1, 1936, and continuing until further notice, at a cash compensation at the rate of one hundred

sixty-six dollars sixty-six cents (\$166.66) a month. (February 13, 1936)

Smith, Guy Donald, First Assistant in Soil Survey, in the Agricultural Experiment Station, beginning April 1, 1936, and continuing until August 31, 1936, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 25, 1936)

Spence, Roderick Wharley, Assistant in Chemistry, on one-third time, for five months beginning February 1, 1936, at a cash compensation at the rate of

forty dollars (\$40) a month. (February 7, 1936)

Spivack, Julius L., Assistant Professor of Surgery, in the College of Medicine, for seven months beginning February 1, 1936, without salary. (February

Terry, Henrietta, Teacher of Mathematics in the University High School, on Terry, Henrietta, Teacher of Mathematics in the University High School, on 1936, and continuing until June 30, 1936, four-fifths time, beginning February 5, 1936, and continuing until June 30, 1936, at a cash compensation at the rate of one hundred ten dollars (\$110) a month

(this supersedes her previous appointment). (February 14, 1936)

Thomas, Frank P., Special Research Assistant in Civil Engineering, in the Engineering Experiment Station, beginning February 1, 1936, and continuing until further notice, at a cash compensation at the rate of one hundred eighty-

five dollars (\$185) a month. (February 13, 1936)

Vanneman, Mary Elizabeth, Extension Specialist in Junior Club Work in the Extension Service in Agriculture and Home Economics, for seven months

beginning February 1, 1936, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month. (January 28, 1936)

Whiteside, Eugene Perry, Assistant in Soil Physics and Soil Survey, in the Agricultural Experiment Station, for seven months beginning February 1, 1936, at a cash compensation at the rate of one hundred fifteen dollars ninety-one cents (\$115.91) a month. (February 3, 1936)
Wills, Walter J., Assistant in Agricultural Economics, in the Agricultural

Experiment Station, on one-half time, for seven months beginning February 1, 1936, at a cash compensation at the rate of sixty dollars (\$60) a month.

(February 3, 1936)
Wyatt, W. Judd, Assistant Extension Editor in the Extension Service in Agriculture and Home Economics, for six months beginning March 1, 1936, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (February 22, 1936)

RESIGNATIONS

The Secretary presented also for record the following list of resigna-

Cohen, Jeannette L., Laboratory Assistant in Home Economics, in the College of Agriculture—resignation effective February 1, 1936.

Garrigus, Wesley P., Assistant in Animal Husbandry, in the Agricultural Experiment Station—resignation effective January 15, 1936.

Gulbrandsen, Lars F., Instructor in Bacteriology and Public Health, in the

College of Medicine—resignation effective February 1, 1936. Hill, Chesney, Instructor in Political Science—resignation effective Febru-

ary 1, 1936. Newmark, Mrs. Anne C., Clerk and Stenographer in the Department of Theoretical and Applied Mechanics—resignation effective February 16, 1936.

Quisenberry, John H., Assistant in Animal Genetics, in the Agricultural Experiment Station—resignation effective February 1, 1936.

Segal, Melvin J., University Service Fellow in Economics—resignation

effective February I, 1936. Sparks, Mrs. Meredith, Assistant in Chemistry—resignation effective Feb-

ruary 1, 1936.

Sterrett, Robert R., Special Research Assistant in Chemistry-resignation effective March 1, 1936.

Turrentine, Frazer R., Assistant in Physics—resignation effective February

Wolf, Mrs. Charlotte K., Technician in the Department of Ophthalmology, in the College of Medicine—resignation effective February 10, 1936.

The Board adjourned.

H. E. CUNNINGHAM Secretary WALTER W. WILLIAMS President