

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 8, 1939



The June 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. (Chicago Daylight Saving Time) on Thursday, June 8, 1939.

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

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

MATTERS PRESENTED BY PRESIDENT WILLARD

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

APPOINTMENT OF C. LADD PROSSER AS ASSISTANT PROFESSOR OF ZOOLOGY

(1) A recommendation that Dr. C. Ladd Prosser be appointed Assistant Professor of Zoology for two years beginning September 1, 1939, at a salary of \$3,000 a year.

On motion of Mr. Adams, this appointment was made as recommended.

LEAVE OF ABSENCE FOR ASSISTANT PROFESSOR BURRUS DICKINSON

(2) Assistant Professor Burrus Dickinson of the School of Journalism has been asked to accept the presidency of Eureka College for one year. He is a graduate of that institution and has been a member of its Board of Trustees for several years. The College has many problems and there have been several changes in the presidency during recent years. Its Board is seeking to give the institution administrative stability and Professor Dickinson is in a position to be of special service at this time.

He has requested a leave of absence from the faculty of the University of Illinois for one year without pay from September 1, 1939. He has not committed himself to Eureka College for more than one year of service and has asked that he be appointed Acting President.

In general, I am opposed to granting members of the faculty leaves of absence for the purpose of accepting positions elsewhere, as they interfere with the University's educational program, but in this case I feel that the needs of a sister institution in Illinois for the special service which Professor Dickinson can render should be recognized and accommodated. I recommend that this leave be granted.

On motion of Mrs. Plumb, this leave was granted as recommended.

DIRECTOR OF ALUMNI RELATIONS

(3) On July 22, 1938, the Board of Directors of the University of Illinois Alumni Association authorized the appointment of a special "Committee on the Reorganization of Alumni Activities."

Among the recommendations which the Committee will submit to the Alumni Association is a proposal that the University appoint a general administrative officer as Director of Alumni Relations. His duties and responsibilities would include the supervision of (1) alumni records, (2) expenditures of University appropriations for alumni activities, and (3) field work of the University of Illinois Foundation and Alumni Association. An alternate plan would be to appoint him Director of Alumni Relations and Director of the University of Illinois Foundation (with the consent of the Directors of the latter). This would involve a readjustment in the personnel of the Association and Foundation, including certain budgetary changes.

On motion of Mr. Pogue, this matter was referred to the Committee on Alumni for consideration and recommendation.

LEAVES OF ABSENCE

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

1. Dr. S. S. Arnim of the College of Dentistry, three weeks with pay in addition to his regular vacation, during the summer of 1939 for graduate work at Yale University.

2. Miss Beulah J. Houston, Stenographer in the Appointments Committee, five days sick leave with pay in addition to the regular amount of sick leave allotted her under the University Statutes and the regulations of the Civil Service Commission.

On motion of Dr. Meyer, these leaves were granted as recommended.

NATIONAL INSTITUTE IN PUBLIC AFFAIRS

(5) It has been proposed that the University of Illinois establish a National Institute in Public Affairs, to be financed entirely through grants of private funds. The organization and functions of such an agency would include:

1. A research unit for the development of economic, civil, and social concepts important to American democracy. The program of research would deal with problems in public affairs and would carry on research in Economics, Sociology, and Education. The purpose of this program would be to ascertain the truth and to educate the public in sound fundamental concepts.

2. The dissemination of the information developed by the research unit to the public through established channels of communication including the radio, through organizations and other groups of citizens.

The facts coming from the research unit would be put into the simplest language for public consumption, whether they are relayed to the public through the printed word, radio, or in other ways. All of the heretofore used channels of communication would be utilized, but special emphasis would be placed on organized groups.

From an economic point of view emphasis has been placed in recent years on the changing economic and social conditions and the necessity for a continual change. To maintain the proper balance in the thinking of the American people there is a need for emphasizing certain basic and immutable economic principles which are not subject to change. It is important not only to determine these truths but to present them to the public in such a way that they will be understood. For this purpose the radio offers an effective method of disseminating information. It is proposed that this program be used first on Radio Station WLL and if successful it be offered to the national chains of radio stations.

A part of the research program would be the provision of scholarships and fellowships for outstanding graduate students interested in problems of public affairs. Such students might study at the University of Illinois or elsewhere but would be on the staff of the Institute. Another function would be the sponsoring of a public conference of national importance at which would appear experts in various fields.

Such a project would require a great deal of autonomy. Its staff would not necessarily be made up from the present faculty of the University, although some of them might devote part time to the work. It would require a great deal of money to set up a project of this kind, but it is believed that there are individuals and organizations of means which would be interested in making large grants of funds for such a program.

The President of the University was requested to present further information on this matter.

APPROPRIATION FOR PUBLIC ADDRESS SYSTEM

(6) Additional equipment is needed for the University's public address system, specifically the purchase of amplifiers and speakers of sufficient capacity to provide service at the football games and capable of being broken down into smaller units for use at other public functions. Accordingly I recommend:

1. That an assignment of \$2,400, or so much thereof as may be needed, be made from the General Reserve Fund for this purpose.

2. That a revolving account known as "Public Address Systems Revolving Account" be authorized, to which receipt charges for the use of equipment will be credited. The charges will include (a) repairs to equipment, and (b) replacements to equipment. These charges will be based on the estimated life of the equipment, and all organizations will share in building up a fund to replace equipment when it becomes obsolete.

3. That a contract be awarded the Klaus Radio and Electric Company, the lowest bidder, for the purchase of amplifiers at a cost of \$1,911.80 (this equipment has been on trial and has been found satisfactory).

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

SPECIAL APPROPRIATIONS AND NON-RECURRING EXPENDITURES

(7) The Committee on Special Appropriations and Non-Recurring Expenditures recommends assignments from the General Reserve Fund for the following purposes:

1. Reconstruction of brake shoe and car wheel testing machine, \$1,800. This machine is used by the Department of Railway Engineering to test frictional qualities of railway brake shoes and the endurance of the tread of car wheels under the heat generated by the application of brake shoes. The machine was built 30 years ago and was adequate until recent years. Owing to the increase in passenger train speeds and the consequent increase in brake shoe pressures, the machine can not reproduce in the laboratory the conditions which prevail in actual train service. The Department is engaged in several important researches which can not be carried on satisfactorily without rebuilding this machine.

2. Improvements in Pomology Greenhouse, \$726. This is for the installation of movable side sash hinges on the steel gutters with the necessary adjusting apparatus on the sides of the east part of the Pomology Greenhouse. These repairs are necessary in the interests of certain research work on fruit virus which is being carried on by the Department. The work will involve the removal and replacement of glass and other materials.

On motion of Mr. Pogue, these appropriations were made as recommended, by the following vote: Aye, Mr. Adams, Mr. Cleary, Mr. Jensen, Mr. Mayer, Dr. Meyer, Mr. Moschel, Mrs. Plumb, Mr. Pogue: no, none; absent, Mr. Horner, Mr. Karraker, Mr. Wieland.

APPROPRIATION FOR BUILDING STUDIES

(8) A recommendation that an assignment be made from the General Reserve Fund to the Physical Plant Department for building studies as follows:

	<i>Cost</i>
1. Meats Laboratory.....	\$ 200
2. Old Agriculture Remodeling and Chemistry Addition.....	500
3. Animal Pathology.....	1 000
<i>Total</i>	<u>\$1 700</u>

It is desirable to have these building studies completed in the event Federal funds become available for any of these projects.

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

SUMMER SESSION FEES IN PHYSICAL EDUCATION

(9) A recommendation that the following schedule of fees in Physical Education courses for men be authorized for the Summer Session of 1939:

P.E.M. S1 (same as P.E.M. 1).....	\$1.00
P.E.M. S3 (part of P.E.M. 14).....	1.00
P.E.M. S4 (same as P.E.M. 4).....	1.00
P.E.M. S11 (part of P.E.M. 11).....	1.00
P.E.M. S12 (part of P.E.M. 11).....	1.00
P.E.M. S15 (same as P.E.M. 15).....	1.00
P.E.M. S16 (same as P.E.M. 16).....	1.00
P.E.M. S28 (new course and fee).....	1.00
P.E.M. S71 (new course and fee).....	1.00

On motion of Mr. Jensen, these fees were authorized as recommended.

FEES IN COLLEGE OF DENTISTRY

(10) A recommendation that the following laboratory and other fees in the College of Dentistry (including Summer Session fees) be authorized:

	<i>First Semester</i>	<i>Second Semester</i>
<i>First Year</i>		
Dental Histology 16.....	.....	\$12 00
Dental Materials 11.....	\$ 2 00	.....
Denture 11 & 12.....	6 00	6 00
Histology 15.....	12 00	.....
Anatomy.....	5 00	5 00
Physiological Chemistry.....	15 50	15 50
Locker.....	1 00	.....
<i>Second Year</i>		
Crowns & Fixed Denture 23 & 25.....	9 00	.....
Crowns & Fixed Denture 26 (formerly 31)....	.....	8 00
Denture 21 & 22.....	6 00	7 00
Operative 21 & 22.....	8 00	6 00
Therapeutics 22.....	.....	5 00
Bacteriology.....	.....	20 50
Metallurgy.....	8 00	.....
Physiology.....	15 50	15 50
Locker.....	1 00	.....
<i>Third Year</i>		
Oral Pathology 32.....	.....	10 00
Orthodontia 32.....	.....	2 00
Pathology 31.....	10 00	.....
Pharmacodynamics.....	.....	10 00
Infirmary.....	32 00	32 00
Locker.....	1 00	.....
<i>Fourth Year</i>		
Locker.....	1 00	.....
Infirmary.....	50 00	50 00

It is recommended that two registration periods be established for summer work in the infirmary: June 12 and 13, and August 1 and 2; and that students registering at any other time be assessed the late registration fee of \$5.

It is recommended that no tuition or infirmary fee be charged those students who have no deficiencies and who wish to work in the infirmary on a voluntary basis. Such students will be required to register and will pay only

the locker fee, and if indicated, the late registration fee. The income produced by students in this manner more than offsets any expense, and it is necessary to have students available to take care of patients.

It is recommended that for course work given during the summer (not infirmary) students, residents of Illinois, will pay for a single course \$15, plus the regular laboratory fees, and for each additional course \$10, plus laboratory fees. Students who are not residents of Illinois will pay \$25 for a single course and \$15 for each additional course, plus the regular laboratory fees.

On motion of Mrs. Plumb, these recommendations were adopted.

POST-GRADUATE COURSE IN OBSTETRICS AND PEDIATRICS

(11) On May 13, 1937 (Minutes, page 267), the Board authorized a post-graduate course in obstetrics and pediatrics to be offered during the summer of 1937. The College of Medicine requests authorization of a similar course in 1939 for which a registration fee of \$10 shall be charged physicians in Illinois and \$15 for those not residents of the State.

On motion of Dr. Meyer this course was authorized as recommended.

CONTRACT CHANGE ORDER FROM PWA PROJECT

(12) In accordance with the authorization of the Board of Trustees, I have approved the following contract change order and request confirmation of such approval:

First Addition to McKinley Hospital

Change Order No. 4, contract with the Economy Plumbing and Heating Company for plumbing, heating, and ventilating work:

Provide revised arrangement of ventilating duct system as indicated on drawings 2A, 3A, and 3B, and revised estimate dated May 5, 1939, additional cost..... \$83 88

On motion of Mr. Jensen, the action of the President of the University in authorizing the above change order was approved and confirmed.

APPLIED RESEARCH LABORATORY FOR STATE GEOLOGICAL SURVEY

(13) As reported to the Board on April 27 (Minutes, page 291), there is before the General Assembly of Illinois a bill appropriating \$300,000 for a demonstration-test program for investigation and experimentation with Illinois coal products, to be carried on by the Geological Survey.

The bill as originally drawn provided among other items "for construction of an Applied Research Laboratory adjacent to the new Natural Resources Building." The Board requested the President of the University to secure an amendment to this bill, eliminating the provision that the Laboratory should be constructed adjacent to the new Natural Resources Building and to leave the way open for its location as designated by the Board. This request was presented to the House Committee on Appropriations which recommended, and the House approved, an amendment striking the words "adjacent to the new Natural Resources Building." The author of the bill, on request of the Chief of the Geological Survey, secured a further amendment making this provision in the bill read as follows: "for construction of an Applied Research Laboratory, with service connections, to be located at Urbana-Champaign as a building related to the Natural Resources group. Cooperative agreements may be entered into with Federal agencies by which additional funds may be secured from the Federal government."

The Chief of the State Geological Survey Division objected to the amendment requested by the University on the ground that the Laboratory must be a part of the Natural Resources Building. He has also taken exception to the statements made to the Committee that the Applied Research Laboratory will be a type of building not in keeping with that part of the campus. I pointed out to him that nothing would be lost by eliminating from the bill the specifications as

to the location of this Laboratory. If it is not an objectionable type of building for that area the Board of Trustees might prefer to have it constructed as a unit of the Natural Resources Building rather than elsewhere. On the other hand, the amendment requested by the University was in accordance with the fundamental principle that the Board of Trustees should make the final decision in locating buildings on the campus of the University of Illinois, whether they are the result of appropriations made directly to the University or to some other agency of the State. This principle is recognized by the agreement between the Department of Registration and Education and the Board of Trustees relating to the construction of the Natural Resources Building.

This report was received for record.

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(14) A recommendation that the Board authorize the following new agreements for cooperative investigations:

1. Atlas Powder Company, Wilmington, Delaware.—Cathodes for electrolytic reduction of sugars. This investigation is to be conducted by the Engineering Experiment Station. The agreement is drawn for a period of one year, beginning with the date of its execution, with provisions for its extension upon mutual agreement. The Company agrees to contribute \$3,000, payable quarterly, the first payment to be made when the agreement is executed, to cover the expenses of this investigation.

2. Starline Incorporated, Harvard, Illinois.—Study of the equipment and methods required and the nutritive value, palatability, and losses of hay silage preserved with heavy gases as compared with hay silage preserved by other methods. This investigation is to be conducted by the Agricultural Experiment Station. The agreement is drawn for a period of fourteen months beginning May 1, 1939, with provisions for its extension upon mutual agreement. The company will contribute \$820 for the expenses of this investigation and agrees to contribute an additional \$700 as the work progresses if the results secured during the first few months justify continuation of the investigation.

3. Standard Oil Company (Indiana), 910 South Michigan Avenue, Chicago.—Investigation of certain fly sprays for cattle. This investigation is to be carried on by the Agricultural Experiment Station and the State Natural History Survey Division. The agreement is drawn for a period of one year, beginning with the date of its execution, with provision for its extension. The Company agrees to contribute the sum of \$763 to cover the expenses of this work.

4. Rogers Bros. Seed Company, Chicago.—Development and distribution of certain varieties of Illinois large-podded lima bean. This investigation is to be carried on by the Agricultural Experiment Station. The agreement is drawn for the period, May 1, 1939, to April 30, 1942. The Company will be growing seed of this variety and introducing it to the general public. The agreement conforms in all essential particulars with similar agreements of this type heretofore authorized by the Board.

5. Titanium Alloy Manufacturing Company, Niagara Falls, New York.—Investigation of the fundamentals of opacity. This investigation is to be carried on by the Engineering Experiment Station, through the Department of Ceramic Engineering. The agreement is drawn for a period of two years, beginning July 1, 1939, with provisions for its extension upon mutual agreement. The Company agrees to contribute \$3,500 per year to cover the necessary expenses.

6. Tennessee Coal, Iron and Railroad Company (a member of United States Steel Corporation Subsidiaries), Pittsburgh, Pennsylvania.—Investigation of rolled steel brake shoes. This investigation is to be carried on by the Engineering Experiment Station, through the Department of Railway Engineering. The agreement is drawn for a period of one year beginning June 1, 1939, with provisions for its extension upon mutual agreement. The Company agrees to contribute \$1,380 to cover the expenses of this investigation.

7. Vaughan's Seed Store, Chicago, Illinois.—Development and further distribution of Illinois large-podded lima bean. This investigation is to be carried on by the Agricultural Experiment Station. The agreement is drawn for the

period May 1, 1939 to April 30, 1942. The Company will be growing seed of this variety and introducing it to the general public. The agreement conforms in all essential particulars with similar agreements of this type heretofore authorized by the Board.

On motion of Mr. Moschel, these cooperative investigations were authorized as recommended.

EXTENSION OF COOPERATIVE INVESTIGATIONS

(15) A report of the extension of the following agreements for cooperative research investigations and a request for confirmation of such extensions:

1. Tobacco By-Products and Chemical Corporation, Louisville, Kentucky, agreement covering research work by the Agricultural Experiment Station in certain nicotine combinations used as insecticides, from March 1, 1939, to February 28, 1940. The Corporation has agreed to contribute an additional \$1,243.89 for carrying on this work.

2. Edward Orton Jr. Ceramic Foundation, Columbus, Ohio, agreement for investigation of some factors controlling the uses of clays, for two years from September 1, 1939. The Foundation agrees to contribute an additional \$1,500 (or \$750 per year) for carrying on this work.

3. United States Bureau of Public Roads, investigation of the fatigue strength of welded joints for structural steel members, for one year from July 1, 1939. The Bureau will contribute \$3,500 toward the expenses of this investigation.

4. United States Bureau of Public Roads and the Illinois Division of Highways, for cooperative investigation of reinforced concrete slabs, for one year from July 1, 1939. Each agency will contribute \$10,000, or a total of \$20,000 for the expense of the investigation.

On motion of Mr. Jensen, the action of the President of the University in extending these agreements was approved and confirmed.

DELEGATION OF SIGNATURES

(16) To expedite the transaction of business in the Chicago Departments the Comptroller recommends that certain officers in the branch Business Office in Chicago be authorized to sign the names of the President and the Secretary of the Board to vouchers. This will make it possible for that office to transmit vouchers covering transactions directly to the State Auditor in Springfield instead of through the Business Office at Urbana as heretofore, thus saving one step. The following resolution is offered:

Resolved, that the President and Secretary of the Board of Trustees of the University of Illinois are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, for payment from State appropriations to the University when approved in accordance with the regulations of the Board, as follows:

The President of the Board of Trustees is authorized to delegate to J. E. Millizen, J. F. Knight, and D. H. Henze authority to sign his name as President of the Board of Trustees to such vouchers;

The Secretary of the Board of Trustees is authorized to delegate to G. R. Moon and Velma M. Davis authority to sign his name as Secretary of the Board of Trustees to such vouchers.

This authorization is in addition to previous authorizations approved March 14, 1939.

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

PURCHASES RECOMMENDED

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

1. One Model G-70 Nuline Milwaukee Bottle Filler and Capper, from Cherry Burrell Corporation, Chicago, the lowest bidder, at a price of \$1,200 F.O.B. Milwaukee.

2. One Car (400 cases) Tissue Towels, from the Decatur Paper House, Decatur, Illinois, the lowest bidder, at a total cost of \$1,356 F.O.B. Urbana.

3. Mimeograph paper (for the Extension Service in Agriculture and Home Economics and for the Office Supply Store) as follows:

14,000 Reams $8\frac{3}{8} \times 10\frac{7}{8}$ —16# Substance No. 4 Sulphite Mimeograph Bond (Extension Service)

5,000 Reams Ditto (Office Supply Store)

from the Import Paper Company, Chicago, one of four lowest bidders, at a total cost of \$4,180 F.O.B. Urbana. (Samples were submitted by the low bidders and tested on mimeograph machines. That submitted by the Import Paper Company proved most satisfactory.)

4. Book paper (for the Extension Service in Agriculture and Home Economics) as follows:

740 Reams (51 800#) 25×38 —70# "Namelo"

60 Reams (2 700#) $25 \times 28\frac{1}{2}$ —45# "Namelo"

from the Dwight Bros. Paper Company, Chicago, at a total cost of \$3,270 F.O.B. Urbana.

5. Chemically Pure and Commercial Acids, as per schedule submitted to the Secretary of the Board, from the Monsanto Chemical Company, the lowest bidder, at a price of \$1,962.78.

6. Roofing Slate from the Sheldon Slate Products Company, Inc., Granville, New York, the lowest bidder, at a cost of \$5,104. This slate is to be used for reroofing the Engineering Hall and the Entomology Building.

On motion of Mr. Adams, these purchases were authorized as recommended.

CONTRACTS EXECUTED BY THE COMPTROLLER

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

CONTRACTS EXECUTED BY THE COMPTROLLER

APRIL 18, 1939, TO MAY 13, 1939

Research agreements executed under general regulations of Board of Trustees:

<i>With Whom</i>	<i>For</i>	<i>Amount to be received by the University</i>	<i>Date</i>
Independent Hybrid Producers of Illinois, Inc....	Production and Characteristics of Hybrid Corn and Parent Seed Stocks.....	\$900	April 29, 1939

This report was received for record.

ADJUSTMENTS IN BUDGET OF ATHLETIC ASSOCIATION

(19) The Board of Directors of the Athletic Association has made the following appropriations from surplus funds for the purposes indicated, these expenditures being in addition to those authorized in the regular operating budget for 1939-1940:

Championship medals for gymnastic team, winners of the Collegiate Championship.....	\$ 100
Promotion of roller skating at ice rink.....	1 000
Donation to band.....	500
Additional appropriation for golf.....	75
Resurfacing of clay tennis courts.....	1 000
Additional appropriation for track team for travel.....	200
<i>Total</i>	<u>\$2 875</u>

On motion of Dr. Meyer, these adjustments were authorized.

ANNUAL REPORTS ON CARTER-PENNELLS FARMS

(20) The Dean of the College of Agriculture submits the sixteenth annual report of the Carter-Pennell Farms, covering the farm year, March 1, 1938, to February 28, 1939. This report covers the operations of two farms in Vermilion County held by the Board of Trustees of the University in trust, and the net proceeds are used as a loan fund to aid students. The net income of the two

farms for the year was \$710.41, which is \$103.42 less than the average net income the farms have earned during the preceding years they have been operated by the University. This is due to the fact that the expenses during the past year were more than average, rather than to a lower gross income.

The report makes certain recommendations concerning repairs and improvements on the farms. It is customary for the Board to refer these matters to its Committee on Agriculture for its consideration and recommendation.

On motion of Mr. Pogue, this report was referred to the Committee on Agriculture for study and recommendation.

GIFTS TO THE UNIVERSITY

(21) A report of the following gifts received by the University since the last report was received by the Board:

1. Western Electric Company, surplus electrical material, to the Department of Electrical Engineering.

2. Carnegie Corporation of New York, \$7,000 to the College of Dentistry to continue the support of the research work carried on by Dr. Isaac Schour.

3. Rohm and Haas Company, Philadelphia, Pennsylvania, renewal of grants of \$2,000 to Professor Marvel, \$650 to Professor Shriner, and \$650 to Professor Fuson, for assistantships in Chemistry. The first grant is for a special post-doctorate research assistant, while the other two are for research assistants at the graduate level.

4. Ferro Enamel Corporation, Cleveland, Ohio, \$1,000 for the continuation of the graduate fellowship which is being conducted under Dr. A. I. Andrews, Professor of Ceramic Engineering. The grant is made on the same basis as before; namely, \$750 for the salary of the appointee and \$250 for other expenses of the project.

5. Kellogg Company, Battle Creek, Michigan, \$600 to supplement the grant of \$12,000, reported to the Board on February 11, 1939, for continuing during the year 1939 research work under the direction of Dr. Bernard Fantus, of the College of Medicine.

6. Mr. Joseph Harrington, Jr., of Beverly, Massachusetts, the Dunlap Harrington Memorial Fund in memory of his brother, Dunlap Harrington, of the Class of 1934. Mr. Harrington will provide an annual award of \$50 to a male senior in his final semester, who is financially unable to take part in the special events of that semester, who shows promise of becoming outstanding in material and intellectual accomplishments, and who is well respected by his fellow students. The award is to be made by the University Committee on Appointments to Special Undergraduate Scholarships.

7. Illinois Department, Daughters of Union Veterans of the Civil War, a gold medal to the outstanding member of the small-bore pistol team, to be awarded on Military Day.

8. Tau Nu Tau, Engineering Military Fraternity, a sterling silver medal to be awarded on Military Day to the outstanding sophomore in the ROTC engineering unit.

9. Wm. Cooper & Nephews, Inc., Chicago, three cases of powdered sheep dip with a wholesale value of about \$45 to the Department of Animal Husbandry.

10. The Guildhall Library, London, England, a copy of "The Great Chronicle of London" bound in full morocco by Zaehnsdorf, famous art binder of London. This volume of 502 pages, including many facsimiles of the original manuscript pages, adds to the source material in this library covering some historical events from about 1175 to 1490.

11. The National Engineering Company, Chicago, a 24-inch diameter pan laboratory size Simpson Intensive Mixer valued at \$415, to the Department of Ceramic Engineering.

12. Eastman Kodak Company, Rochester, New York, a grant of \$1,000 in support of a fellowship in Chemistry. (The Company points out that it plans to award the fellowship on the basis of one year only, for its policy beyond this next year has not been determined.)

13. Residents of Laura B. Evans Hall, \$67.50 to cover the expenses incidental to acquiring Federal Art Project paintings.

14. Illinois Federation of Women's Clubs, an additional \$65 for Gynecological Cancer Research.

15. Mead Johnson and Company, Evansville, Indiana, \$2,000 for the continuation and completion of research work by Dr. Isaac Schour of the College of Dentistry, which that Company has been supporting.

This report was received for record.

REGISTRATION IN EDUCATIONAL PRACTICE

(22) A recommendation from the University Senate that the following restriction of registration in Educational Practice (practice teaching courses in high school subjects) be authorized.

Effective September 1, 1940, admission to Educational Practice will be limited to students having a grade-point average in all subjects of 3.5, except that where additional facilities are available, students having a lower grade-point average may be admitted in the order of scholastic standing up to the limit of these facilities. It is understood, however, that this selective measure represents a temporary emergency procedure to be supplanted by a more satisfactory procedure as soon as the committee now at work on this problem can prepare a satisfactory recommendation. In the meantime, announcement of the emergency procedure will serve to give warning to students of the change which should be made in the fall of 1940.

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

GENERAL DIVISION AND CURRICULUM IN COLLEGE OF LIBERAL ARTS AND SCIENCES

(23) Subject to the conditions and restrictions enumerated herein, the University Senate recommends the organization of a General Division and the establishment of a general curriculum in the College of Liberal Arts and Sciences as follows; provided that: (1) The curriculum is to be considered tentative, subject to continuous study and possible revision. (2) The Senate has approved the appointment of a committee to study the place of hygiene in this proposed educational experiment in lieu of the provision recommended by the faculty of the College of Liberal Arts and Sciences which appears below.

CURRICULUM OF THE GENERAL DIVISION

A. General Courses

The core of the new curriculum is to be a group of general courses, one in each of the following areas:

- | | |
|----------------------------|---------------------------------|
| 1. Verbal Expression | 5. Social Science |
| 2. Biological Science | 6. Literature and the Fine Arts |
| 3. Physical Science | 7. Philosophy and Psychology |
| 4. History of Civilization | |

These are intended to be non-departmental courses, the content being determined by the nature of the field in its relation to the educational needs of the student, rather than by the boundaries of existing departments. Each is intended to introduce the student to an important area of knowledge at the college level, and to make him familiar with the methods and point of view characteristic of the field in question and the contributions it can make to the improvement of individual and social living. As a group the courses are designed to supplement and support one another, thus assisting the student to arrive at an integrated view of human experience and endeavor.

As an additional means of securing continuity of interest and integration of subject-matter, it is proposed that these general courses shall be year courses. Each of them is thought of as the equivalent of a departmental course meeting four times a week for two semesters.

The content and organization of each of the general courses and of the group as a whole are to be worked out by the Curriculum Committee of the General Division and revised from time to time in consultation with the instructional staff and the Examining Committee, subject to the approval of the Dean and the Faculty of the College.

Of the seven general courses listed above, the student is required to complete six, including the first four in the list, by the end of his junior year.

Before receiving credit for any one of these courses a student must pass a general examination set by the instructors in the course with the help of the Examining Committee, and given at the end of the year.

Proficiency examinations shall be given at stated intervals in all the general courses.

B. Fields of Concentration

Each student in the General Division shall, not later than the beginning of his junior year, select a field of concentration within which he shall complete a program of thirty-two hours of work at least fifteen hours of which shall be in one department and approved by it.

The program of study within the field of concentration selected shall be submitted to the Curriculum Committee for approval, and when so approved shall be regarded as a required program, and departures from it must be authorized by the Curriculum Committee.

The fields of concentration, with the courses counted toward the required hours within each field, are as follows:

1. Mathematics and physical science.—Courses in the departments of mathematics, astronomy, chemistry, geology, geography, and physics.

2. Biological science.—Courses in the departments of bacteriology, botany, entomology, physiology, psychology, and zoology.

3. Social science.—Courses in the departments of geography, economics, history, philosophy, political science, psychology, and sociology.

4. Humanities.—Courses in the departments of art, music, history, philosophy; and courses in literature in the departments of Classics, English, German, and Romance Languages.

It is expected that the Curriculum Committee will consider the possibility of working out additional non-departmental courses to be used as electives in the junior and senior years.

C. Other Requirements

Physical Education and Military Training.—The present requirements in physical education and military training are to be retained, but are to be carefully studied by the Curriculum Committee of the General Division to bring them into organic connection with the remainder of the curriculum.

Hygiene.—It is proposed to accomplish the purpose of the present requirement through the material contained in the required science courses.

Foreign Language.—The present requirement of two years of a foreign language is retained for students in the General Division. This requirement should ordinarily be worked off during the freshman and sophomore years.

D. Summary Statement of the Requirements for Graduation

To be eligible for graduation with the degree of Bachelor of Arts a student must have completed the required work in Physical Education and Military Science, plus a total of 120 hours, including (a) the necessary amount of work in a foreign language to satisfy the requirements of the present general curriculum, (b) six of the seven general courses listed above, including the courses in Verbal Expression, Biological Science, Physical Science, and History of Civilization, and (c) a program approved by the Curriculum Committee of 32 hours within a field of concentration, with a minimum of 15 hours in one department.

E. Admission to the Division

The requirements for admission to the General Division shall be the same as those for admission to the present general curriculum in Liberal Arts and Sciences.

It will take at least a year to organize and set up the general courses so that this curriculum will not go into effect before the year 1940-1941. In the meantime, the College of Liberal Arts and Sciences proposes to appoint a director of the Division and to relieve certain members of the faculty of a part of their present teaching loads so that they can be put to work on organizing the new general courses. All of this is subject to budgetary considerations, but in the meantime provision is being made in the budget for 1939-1940 to organize this new work.

On motion of Mr. Cleary, this General Division and Curriculum were approved as recommended, and the Board expressed its appreciation of the work of all who have had a part in the formulation of the conditions of organization of this Division.

CONSTRUCTION OF POWER AND HEATING PLANT AND DISTRIBUTION SYSTEM

(24) A recommendation that the Physical Plant Department be authorized to prepare specifications and secure bids as soon as possible on the balance of the equipment (approximate cost \$520,100) for the Power and Heating Plant, on the assumption that State funds only, and no Federal funds, will be used for the purchase of this equipment. Such a policy is advisable for the following reasons:

1. The regulations and requirements of the Federal Emergency Administration of Public Works might create complications and delay in securing the special type of equipment needed for this Plant.

2. There is no certainty that the Federal Public Works program will be extended nor, if it is, that the University will receive a grant to supplement the State appropriation for the Power and Heating Plant. In any event, awaiting approval of an application for a grant might result in delaying by several months the completion of the plant.

There will be a balance of approximately \$600,000 in the State appropriation for the distribution system and piping. If the Federal Public Works program is extended, and if the Federal Government will accept this balance of \$600,000 as the sponsor's share of the cost of a Public Works Project, this would make available (on the basis of a 45-55% distribution of cost) funds as follows:

State appropriation for Power and Heating Plant and Distribution System.....	\$ 600 000
Federal grant for other new buildings (a part of this could also be used for the Heating Plant Building if necessary).....	490 000
<i>Total</i>	<i>\$1 090 000</i>

The plans and specifications for the Power Plant Building and Distribution System will not be ready to send to bidders until after July 20, by which time it may be known whether Federal funds will be available.

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

REINSTATEMENT OF ALTERNATES IN CONTRACTS FOR ILLINI UNION BUILDING

(25) In awarding contracts for the Illini Union Building it was necessary to take certain alternates on all contracts, aggregating \$145,498, in order to keep the total of the contracts within the funds available. The University has applied for an increased Federal grant of \$74,820 based on the revised total estimated cost of the building which would justify such an increase. An application has also been made to the Connecticut Mutual Life Insurance Company for an increased loan. Assurance has already been received from the Company that an additional loan of \$106,000, or so much thereof as may be necessary, will be made for this project.

This makes possible the reinstatement of a part, if not all of the alternates, depending on action on the application for an increased grant. If that is forthcoming, all of the alternates could be reinstated.

In view of this the Director of the Physical Plant Department requests authority to reinstate alternates as funds become available. If the amended

application for an increased grant does not materialize, it will be necessary to omit the finishing of the building as follows:

	<i>Credits</i>
1. Omission of the use of "Old Virginia" brick substituting the use of shale brick.....	\$6 500
2. Omission of walnut flooring and substitution of oak in the lobby.....	300
3. Omission of teakwood floor in ballroom and the substitution of oak..	1 500
4. Omission of ventilation in Alumni Association and student activity offices.....	5 500
5. Omission of one passenger elevator (this can be added later when funds become available).....	8 100
6. Omission of lighting control in ballroom.....	3 800

I concur in this recommendation.

On motion of Mrs. Plumb, this recommendation was adopted.

STUDENT LOANS WRITTEN OFF

At this point, Mr. Pogue, for the Finance Committee, presented a recommendation that uncollectible student loans be adjusted and written off as follows:

1. Sol Goodman—Senate Committee Fund, \$20.
2. Charles H. Stewart—McKinley Fund, \$187.47.
3. Clarence J. Gillaspey—Consolidated Loan Fund, \$50.
4. Mary Elizabeth Coons—St. Louis Illinae Club Fund, \$30.
5. Wade Gehringer—McKinley Fund, \$75.
6. Carroll Johnson—Snyder Loan Fund, \$50.

On motion of Mr. Pogue, this recommendation was adopted; and the Finance Committee was authorized to make such adjustments in loans as may be necessary from time to time to secure settlement, and to approve the cancellation of loans on request of the Comptroller when collection seems impossible.

CHANGES IN INVESTMENTS OF ENDOWMENT FUNDS

Mr. Pogue reported as follows:

The Finance Committee reports that Commonwealth Edison 1st 4% bonds due 1981, of which we hold \$15,000 par, are to be called for payment June 27, 1939, at 105.

The Committee requests authority to make investments of this fund as recommended by the investment counsel of the Board, the First National Bank of Chicago, or in other investments authorized by the Illinois Trust Investment Statute or the deeds of gift of individual funds, as follows:

Group Investments:

\$10,000 Allegheny Valley Railway Co. First 4% 1942, @ about 106½.

Kinley Fund:

\$2,500 Household Finance Co. 5% Preferred stock.

\$2,500 Pacific Gas and Electric Co. 6% Preferred stock.

Because of the uncertainty of the investment market, other bonds may be called during the summer months on short notice. The Finance Committee also requests authority to make investments under similar conditions in such cases when prompt action is necessary to keep the funds invested.

On motion of Mr. Pogue, authority was given to the Finance Committee as requested.

REPORT ON RETIREMENT SYSTEM

Mr. Pogue, for the Finance Committee, reported also as follows:

On November 29, 1938 (Minutes, page 148), the Board authorized the employment of D. F. Campbell, consulting actuary, to study the University's retire-

ment system and prepare a bill for any legislation he might recommend. He has completed his study and turned over all his material.

Although the plan proposed by him appears to be superior in many respects to the present system, and is looked on with favor by a considerable part of the faculty, the time does not seem favorable to present it to the General Assembly. The Finance Committee feels that further study should be given the matter during the coming year.

Since Mr. Campbell has completed the services for which he was engaged, his fee should be paid, and an expression of appreciation made for his excellent and valuable work, and his formal engagement terminated.

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

TRANSFER OF PROPERTIES IN CHICAGO

Mrs. Plumb, for the Committee on Chicago Departments, presented a report of progress on the exchange of Chicago properties.

MATTERS PRESENTED BY PRESIDENT WILLARD

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

COMPLETION OF GROUND FLOORS OF EAST AND WEST WINGS OF GREGORY HALL

(26) In the award of contracts for Gregory Hall it was necessary to take certain alternates to insure completion of this building and also the additions to McKinley Hospital and the Library within the State appropriation and Federal funds available for this three-building project. These alternates would leave the ground floors of the east and west wings of Gregory Hall unfinished. It now appears that there will be sufficient funds for finishing these areas which will make available five classrooms, seven offices, one laboratory, and three storage rooms for the College of Liberal Arts and Sciences. Moreover, this work can be done at a lower cost at this time.

The Director of the Physical Plant Department recommends that the Board of Trustees authorize, in principle, contract change orders providing for this additional work at a total estimated cost of \$28,200, the individual change orders to be subject to the approval of the President of the University.

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

At this point, President Mayer, being called from the room, asked Mr. Pogue to take the chair.

REPORT OF COMMITTEE ON FRATERNITY AFFAIRS

(27) At the request of the Interfraternity Alumni Association¹ of Champaign and Urbana, I appointed a Committee on Fraternity Affairs, including representatives of the Association, the Interfraternity Council,² and the faculty, to make a study of all phases of fraternity life at the University of Illinois. A summary of the Committee's report and recommendations is submitted herewith for consideration by the Board.

Summary of Report of the Committee on Fraternity Affairs

President Willard in March, 1939, appointed a Committee on Fraternity Affairs pursuant to a resolution adopted by the Interfraternity Alumni Association January 17, 1939, and by the Interfraternity Council February 13, 1939. The resolution requested that the committee "study all phases of fraternity life on this campus, such committee to report to President Willard and the interfraternity organizations at the earliest possible date, a feasible plan for the greater coordination and closer integration of fraternities with the educational objectives of the University."

¹An organization of the alumni of fraternities at the University of Illinois.

²An organization of undergraduate representatives of fraternities at the University.

The passage of the resolution was prompted by the belief that fraternities here could and should play a more vital part in the lives of their members, as well as in the affairs of the entire student body. Furthermore, it was felt that fraternities should take the initiative in the development of a program which would secure for the University and themselves the maximum benefit from and through their existence.

The Committee on Fraternity Affairs recommends:

(1) That the University create a Board of Fraternity Affairs which shall have jurisdiction over all men's fraternities operating houses on the Urbana-Champaign campus, the Board to be appointed by the President of the University, and to be composed of ten men who are members of fraternities, divided as follows: five non-faculty alumni, three members of the faculty, and two undergraduate students. Each member will serve for a term of two years.

(2) That the University create a Fraternity Affairs Office, to be in charge of a full-time officer of the University. This office would be the central agency through which all fraternity affairs would be handled.

(3) That the proposed Board of Fraternity Affairs and its executive officer conduct their affairs under and in accordance with the declarations of principles and standards set forth in the publications: *Relations between College and Fraternity* and *The Fraternity Criteria*.

There are 61 fraternities in Urbana-Champaign with a total membership of 2,200, occupying houses with a total valuation of \$4,600,000, and with operating budgets totaling more than \$1,000,000. The University now exercises control over fraternities through the Committee on Student Affairs, with certain routine details handled through the Offices of the Dean of Men and Dean of Women. No officer of the University is specifically assigned the responsibility of advising, supervising, or aiding fraternities. Fraternities handle some of their affairs through the organizations known as the Interfraternity Council and the Interfraternity Alumni Association, but neither of these has the authority or is in a position to carry on effectively over a period of years any general fraternity program.

The Committee believes that with the University and fraternities working together the objectives of each can be more nearly attained. Opportunities for this cooperative program present themselves particularly along the lines of: chapter finance and management, scholarship, social and moral codes, rushing, fraternalism in its broader aspects, housing and physical plant.

C. J. ROSEBERRY
S. D. DANIELS
H. S. DAWSON

JOHN MITCHEM
FRED MCKINSTRY
WALTER BENSON

CHARLES NORTON
SLEETER BULL
J. J. DOLAND

EDWARD E. BAUER, *Chairman*

On motion of Mr. Moschel, this report was referred to the Committee on Affiliated Student Activities for study and report.

VICE CONDITIONS IN UNIVERSITY COMMUNITY

(28) At the meeting of the Board on May 26, the President of the University was requested to formulate a plan for continuous measures to combat vice in the University community of Champaign and Urbana. It was suggested that his representatives could confer with the Secretary of the Chicago Committee of Fifteen on such a program. I submit, as a report of progress and for further discussion, Exhibits A and B, copies of which are hereby given to the Secretary of the Board for record. Exhibit A summarizes the principal points in a program for dealing with vice conditions through action by the Board of Trustees. Such a program, in principle at least, has already been authorized by the Board. Exhibit B represents the suggestions made by the Secretary of the Committee of Fifteen.

It should be noted in this connection that the present budget situation with respect to the State appropriations for 1939-1941 will make it practically impossible to add a *new full-time* administrative officer and staff such as was proposed

in the report of the Senate Committee on Student Affairs, which is now under consideration by the Board Committee on Affiliated Student Activities. This, of course, has a direct bearing on the vice situation.

On motion of Mr. Cleary, this report was approved and the President of the University was requested to cooperate with the citizens of Champaign and Urbana in the elimination of vice, offering such assistance as the Board may properly and legally give.

STUDENT REPRESENTATION ON COMMITTEE ON DISCIPLINE

(29) The Class Council has requested that the student body be represented on the Senate (faculty) Committee on Discipline. This proposal has been considered by the Committee on Discipline which has recommended that beginning in September, 1939, two male students, with authority to vote, be added to the Sub-Committee on Discipline, the choice of such students to rest with the Student Senate.

This report was received for record.

DATE OF JULY MEETING

The date of the July meeting was set as Friday, July 7, in Chicago.

APPOINTMENTS MADE BY THE PRESIDENT

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

Downing, Joseph R., Fellow in Chemistry, for ten months beginning September 1, 1939, at a stipendium of six hundred dollars (\$600). (June 3, 1939)¹

Handelman, Milton S., Assistant in Medicine, in the College of Medicine, beginning June 1, 1939, and continuing through August 31, 1939, without salary. (June 2, 1939)

Machell, John V., Jr., Fellow in Sociology, for ten months beginning September 1, 1939, at a stipendium of five hundred dollars (\$500). (June 3, 1939)

Neuhausser, Irene, Assistant in Dermatology, in the College of Medicine, beginning June 1, 1939, and continuing through August 31, 1939, without salary. (June 5, 1939)

Riggs, Philip S., to give instruction in Astronomy, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of three hundred sixty-six dollars sixty-six cents (\$366.66) for the session. (April 22, 1939)

Ritchey, Lloyd B., to give instruction in General Engineering Drawing, in the Summer Session of 1939, beginning June 19, 1939, and ending August 12, 1939, at a cash compensation of three hundred dollars (\$300) for the session. (June 1, 1939)

RESIGNATIONS AND DECLINATIONS

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

Ballard, Emerald Garrett, Assistant in English—resignation effective September 1, 1939.

Cavanaugh, Marie E., Stenographer in the Department of Agricultural Engineering—resignation effective July 1, 1939.

Johnson, Helen, Stenographer in the Department of Agricultural Economics, in the Agricultural Experiment Station—resignation effective June 4, 1939.

Jones, Francis C., Assistant in Agricultural Economics, in the Agricultural Experiment Station—resignation effective June 1, 1939.

Lappin, Kendall, Scholar in Romance Languages—declination effective September 1, 1939.

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

Miller, Matthew W., Fellow in Chemistry—resignation effective September 1, 1939.

Reedy, John H., Jr., Scholar in Economics—declination effective September 1, 1939.

Sorkin, Mrs. Sally, Stenographer in the Graduate School—resignation effective July 1, 1939.

Walker, William C., Assistant in Olericulture, in the Department of Horticulture—resignation effective July 19, 1939.

Washburn, Carolyn, Instructor in English—resignation effective September 1, 1939.

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

H. E. CUNNINGHAM
Secretary

OSCAR G. MAYER
President