

**ADJOURNED SESSION, APRIL 20, 1935**

When the Board met, pursuant to adjournment, on April 20, 1935, at 9:30 a.m., at the Blackstone Hotel, in Chicago, the following members were present: President Williams, Mr. Barr, Mrs. Freeman, Dr. Meyer, Mrs. Plumb, Mr. Pogue.

President Willard was present; also Professor Lloyd Morey, Comptroller.

**MINUTES APPROVED**

On motion of Mr. Pogue, the minutes of the meeting of March 12, 1935, were approved as printed on pages 145 to 156 above.

**MATTERS PRESENTED BY PRESIDENT WILLARD**

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

**APPROPRIATION FOR PREMIUM ON TREASURER'S BOND**

(1) A request from the Secretary that an appropriation of \$750 be made from the General Reserve Fund to meet an increase in the premium on the bond of the Treasurer for the biennium. The standard rate for such bonds has been increased \$2.50 to \$4.00 a thousand. The appropriation in the budget for this year was based on the lower rate. I recommend that the appropriation be made.

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

**APPROPRIATION FOR RADIO STATION**

(2) A recommendation that an appropriation of \$500 be made from the General Reserve Fund to the Radio Station to supplement the budget for current expense for the year 1934-35.

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

**APPROPRIATION, DEPARTMENT OF HORTICULTURE**

(3) A recommendation that an appropriation of \$2,793 be made to the Department of Horticulture from the unused balance of the income of that department remaining at the close of the year 1933-34 for the purchase of necessary equipment.

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

At this point, Mr. Mayer took his place with the board.

**REQUEST FOR APPROPRIATION FOR TENNIS COURTS**

(4) A request from the Director of the School of Physical Education that an appropriation of \$3,000 be made for the construction of tennis courts and the resurfacing of certain existing tennis courts to increase the recreational facilities for students, particularly for women. The Athletic Association expects to spend a good deal of money in preparing the foundation and drainage for rebuilding these courts. It is estimated that the \$3,000 will cover half the cost of laying the asphalt on from ten to thirteen courts. The Director proposes to rebuild at least ten and possibly thirteen courts if the funds will permit.

Action on this matter was deferred.

**STATUS OF PROFESSOR H. F. MOORE**

(5) A report that Dr. H. F. Moore, Research Professor of Engineering Materials, has been offered the position of Director of Construction and Maintenance of Way Research for the American Railway Association at a salary considerably in excess of what he is receiving at the University. I approve the recommendation of the Dean of the College of Engineering that his salary be made \$8,000 a year effective September 1, 1935.

On motion of Mr. Barr, this recommendation was concurred in.

**STATUS OF PROFESSOR HARDY CROSS**

(6) The adjustments proposed in the salaries of Professors H. F. Moore and H. M. Westergaard in order to meet offers they have received has raised the question of the adjustment in the salary of Professor Hardy Cross, of the Department of Civil Engineering, one of the distinguished members of the College of Engineering faculty. I approve the recommendation of the Dean of the College of Engineering that his salary be made \$6,000, effective September 1, 1935.

On motion of Mr. Pogue, this recommendation was concurred in.

**CHANGE IN STATUS OF DR. WALTER J. GRAHAM**

(7) A request from Dr. Walter J. Graham, Professor of English and Head of the Department, that on account of his health he be relieved of his duties as Head of the Department of English, effective September 1, 1935, and that he be permitted to continue in his professorship, his conditions of service to be the same as those which govern other professorships in the University.

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

**SABBATICAL LEAVES OF ABSENCE**

(8) During the present academic year ten members of the faculty are on sabbatical leaves of absence, four on full pay and six on one-half pay. Another member of the staff is on sick leave with full pay for six months. To date, the Board has granted sabbatical leaves of absence for one-half year during 1935-36 on full pay to seven members of the staff and applications are pending from six more. In previous years fewer members of the staff applied for sabbatical leaves. In view of the increased number of applications for leaves, the Advisory Committee of the Bureau of Institutional Research was asked to study the situation and to make recommendations concerning a policy which might be followed in granting sabbatical leaves.

The Committee reports that with respect to the number of leaves granted by the University of Illinois (a) the number is not excessive as compared with leaves of absence at the University of California, University of Michigan, and the University of Minnesota; and (b) the number of requests at the present time is probably larger than may be expected in the future because it represents an accumulation of anticipated leaves dating back over the last ten or twelve years. In short, the Advisory Committee believes that a number of persons who are long overdue for a leave of absence have not been able to take such leave because of financial conditions but who now find in the half-year full-pay plan an opportunity for realizing their hopes. It feels that the University can anticipate, then, fewer requests for leaves of absence during the next few years than has been the case during the present year.

There are, however, certain features of the system of leaves of absence which ought, in the judgment of the Advisory Committee, to receive new examination. It feels, for example, that the leave of absence ought to be looked upon as an honor which is bestowed by the University on its staff members, not only in recognition of previous work, but in recognition of the promise which a man may have for further development. This is to say that, in the judgment of the Advisory Committee, the leave of absence is not an obligation which the University owes to all of its staff members but a privilege which it is glad to extend to them. It feels that this feature of the leave of absence

should be emphasized more strongly and that, were the recommendations to be listed below acted upon in an unofficial way by the President and the Board of Trustees, the research activities of the University would be promoted.

The Advisory Committee recommends that (1) requests for leaves of absence during a subsequent year shall be in the hands of the President not later than December 1 and shall be acted on at one time; (2) requests shall be accompanied by a detailed statement of how the work of the persons on leave is to be carried; and (3) requests shall be supported by a program of contemplated work which has been rigidly surveyed by some such group as the Research Board of the Graduate School.

I concur in the recommendations of the Advisory Committee and recommend further that with respect to applications for leaves during 1935-36 now pending, or which may be submitted, all such applications shall be submitted on or before June 1, 1935, and shall be acted on at one time.

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

#### LEAVE OF ABSENCE FOR DR. J. E. GIESEKING

(9) A report that Dr. J. E. Giesecking, First Assistant in Soil Survey, has been given an additional month's vacation with pay so that he may attend the Third International Congress in Soil Science to be held in England during July and August.

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

#### LEAVE OF ABSENCE FOR MRS. RUTH C. FREEMAN

(10) A recommendation from the Dean of the College of Agriculture that Mrs. Ruth C. Freeman, of the Home Economics Extension staff, be given a leave of absence without pay from April 22 to August 31, 1935, in order that she may assist the Bureau of Home Economics of the U. S. Department of Agriculture in some of its work.

I recommend approval.

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

#### DIVISION OF SOCIAL SCIENCES

(11) The University Senate submits with its approval the following recommendation from the faculty of the College of Liberal Arts and Sciences for the establishment of a Division of Social Sciences. The Senate has approved this with the understanding that departments other than those listed below may, on their application, be included within the Division:

##### *Composition*

There shall be created a Division of Social Sciences, to include, from the College of Liberal Arts and Sciences, the departments of History, Philosophy, Political Science, Psychology, and Sociology, and the faculty of Geography; from the College of Commerce and Business Administration, the Department of Economics. Each of these groups shall continue as at present organized, with its usual relations to administrative and budgetary matters; and recommendations or other actions of the Division shall be advisory only, in no way affecting the authority of the colleges and departments concerned.

##### *Purposes*

The Division of Social Sciences shall be organized for the purpose of mutual discussion and cooperation within allied fields of inquiry, without, however, affecting the autonomy of the several departments or groups within the division. It shall be within the province of the Division to discuss such matters of general educational procedure as fall within the limits of its field, and to make recommendations concerning these matters. The correlation of courses, the adjustment of borderline subject matters, the elimination or avoidance of duplications, the construction of cooperative courses and curricula, the promotion of unity among the social sciences in teaching and research, are among the general subjects within the province of divisional discussion and recommendation.

### *Organization*

1. *Divisional Faculty*.—The Divisional Faculty shall consist of all members of the teaching and research staffs of the affiliated groups within the Division. At least one meeting of the entire Divisional Faculty shall be held annually, for the purpose of hearing reports and recommendations and for the general discussion of such educational problems and procedures as may fall within the province of the Division. Other meetings of the entire Divisional Faculty, or of any group or groups within the Division, may be held from time to time, as hereinafter provided.

2. *Divisional Committee*.—There shall be a Divisional Committee, to be composed of one member from each of the affiliated departments or groups, to be selected by the respective departments or groups, and to serve for a period of two years. Vacancies shall be filled in the same manner.

The Divisional Committee shall initiate proposals and make recommendations to the Divisional Faculty or to any group or groups within the Division, may elect a secretary, shall make such rules and regulations as seem desirable for the conduct of divisional affairs, including the eligibility to vote at divisional meetings, and in general shall, of itself or through such sub-committees as it may deem expedient, carry out the purposes for which the Division is established.

3. *Chairman*.—There shall be a Chairman of the Division, to be appointed by the President of the University for a period of two years from the membership of the Divisional Committee.

The duties of the Chairman shall be primarily of an advisory and parliamentary character. He shall serve as chairman and executive officer of the Divisional Committee. He may, upon occasion, call meetings of the Divisional Faculty, or of any group or groups within the Division, and shall call such meeting upon the request of any two members of the Divisional Committee. He may, with the approval of the Divisional Committee, invite members from departments, colleges, or groups outside the Division to attend any such meetings as may seem desirable for purposes of discussion. He shall have the right to consult with heads of departments or groups, or with members of the staff, on any matter within the province of the Division. He shall have the right to inform the Deans of the respective Colleges concerned, or the Dean of the Graduate School, of the deliberations and proceedings of the Division. He shall, on behalf of the Divisional Committee, present annually a general report of the proceedings of the Division to the Deans of the Colleges concerned, and to the annual meeting of the Divisional Faculty. In general, he shall, together with the Divisional Committee, be responsible for the effective carrying out of the purposes for which the Division is established.

#### *I recommend approval.*

On motion of Dr. Meyer, the establishment of this division was approved as recommended.

### **DIVISION OF LANGUAGE AND LITERATURE**

(12) The following recommendation from the faculty of the College of Liberal Arts and Sciences:

There shall be created a Division known as "The Division of Language and Literature," which shall include the departments of Classics, English, German, and Romance Languages. Each of these departments shall remain as at present organized, with a departmental head or chairman, and with the present arrangements regarding departmental budgets. The autonomy of the several departments shall be maintained, and no department shall be bound by the action of the Division as a whole.

The President of the University, in consultation with the Dean of the Graduate School, and the Dean and the Executive Committee of the College, shall appoint a Chairman of the Division to serve, without additional compensation, for a period of two years. The Chairman of the Division shall be appointed from the membership of a Divisional Committee. This Committee

shall be composed of two members from each of the affiliated departments, who are to be elected by the respective departments and are to serve for a period of two years; except that at the first election one such member shall be appointed to serve only one year, and thereafter one member shall be elected each year.

The duties of the Chairman shall be of an advisory and parliamentary character. He shall be Chairman of the Divisional Committee. Meetings of the Divisional Committee, of the entire Division or of groups within the Division, shall be called by the Chairman when it seems advisable to him, or upon the request of any two members of the Divisional Committee. The Committee shall determine eligibility to vote in general divisional meetings, or in meetings of smaller groups within the Division. The Committee shall, also, through its Chairman, present annually to the Dean of the College a general report of the proceedings of the Division.

It shall be within the province of the Division to discuss matters of general educational procedure within the limits of its field. These are understood to include such matters as the correlation of courses, the elimination of duplicating courses, and the construction of curricula with reference to the unity of the general field.

I recommend approval.

On motion of Mrs. Plumb, the establishment of this division was approved as recommended.

#### **REQUIREMENTS FOR GRADUATION—SCHOOL OF JOURNALISM**

(13) The University Senate submits with its approval the following recommendation from the faculty of the School of Journalism for the adoption of a grade point system as a requirement for graduation:

In order to receive the bachelor's degree in the School of Journalism a student must obtain as many grade points as credits in courses taken at the University of Illinois, and presented for the degree, exclusive of required courses in Military Science and Physical Education, and of the 60 hours required for admission to the School of Journalism.

I recommend approval, this change to become effective September 1, 1935, and applicable to classes graduating in 1937 and thereafter.

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

#### **ADMISSION REQUIREMENTS—CURRICULA IN CHEMISTRY AND CHEMICAL ENGINEERING**

(14) The University Senate submits with its approval a recommendation from the faculty of the College of Liberal Arts and Sciences that the language requirements for admission to the curricula in chemistry and chemical engineering be changed to include Italian or Spanish in addition to Latin, Greek, German, and French as heretofore provided.

I recommend approval.

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

#### **ORGAN PRACTICE FEE**

(15) A recommendation that the Summer Session fee for the use of practice organs be reduced from \$10.00 to \$7.50. Two years ago the Board authorized a reduction of twenty-five per cent in the organ practice fee charged during the regular academic year, but at that time the Summer Session fee was overlooked.

On motion of Mrs. Freeman, this change was authorized.

#### **LABORATORY FEE IN PHYSIOLOGY**

(16) A recommendation that a laboratory fee of \$3.50 be established for Physiology 7 (advanced mammalian physiology of respiration, digestion, and endocrine glands), which was first offered during the present semester. The

proposed fee has been approved by the Dean of the College of Liberal Arts and Sciences, the Comptroller, and the Provost, as required by the statutes of the University.

On motion of Mr. Barr, this fee was established.

#### **SCHOLARSHIPS IN AGRICULTURE AND HOME ECONOMICS**

(17) At the meeting of the Board on March 12 the revised regulations governing scholarships in agriculture and home economics, which were authorized at a previous meeting of the Board, were reconsidered at the request of the Directors of the Illinois Farmers' Institute. Mr. Frank S. Haynes, Chairman of the Institute's Committee on Scholarships, was present at the meeting and discussed this matter with the Board. A special committee of the Board, consisting of Mr. Pogue, Mrs. Freeman, and the Secretary, was then appointed to make another revision of the regulations in accordance with the changes authorized by the Board. This committee submits the following regulations which it has authorized the Registrar of the University to put into effect:

#### **AGRICULTURE AND HOME ECONOMICS SCHOLARSHIPS** Revised Regulations

Scholarships in Agriculture and Home Economics are offered by the Board of Trustees of the University under the following provisions:

##### **1. Number of Scholarships:**

There are established two scholarships for each county (except Cook and Lake) and two for each of the first ten Congressional Districts, one for students in Agriculture and one for students in Home Economics.

##### **2. Eligibility for Scholarships:**

A candidate, to be eligible for either scholarship, must meet the requirements of the University for admission, either as a candidate for a degree or as an unclassified student, and must be at the time of recommendation and must have been for not less than one year prior thereto, a bona fide resident of the county or district from which he or she is recommended.

Awards to students entering the University from the high schools will be made only to those students who stood within the upper fifty per cent in scholarship of the classes with which they graduated. The standing in class must be based on the student's complete high school record in the school from which he graduates. The applicant will be required to present a statement from the principal of his high school certifying his graduation and his scholarship rank within his class.

Awards to students entering the University from other colleges or universities, will be made only to those who have achieved an average of fifteen points above the passing mark of the college or university in which they were enrolled; the student's average in such a case will be computed on the basis of his full college record. If the student has attended college less than a year before the award, he must qualify on the basis of his high school record.

No person who has been a student in the University is eligible for appointment to one of these scholarships.

##### **3. Appointments to Scholarships:**

The awarding of scholarships in Agriculture and Home Economics is made on the following basis:

(1) All candidates must meet the conditions of eligibility as described in paragraph 2 above and must be recommended by the Illinois Farmers' Institute. In making recommendations the Institute will consider the character and energy of the student. It will not recommend candidates, unless, with the concurrence of their parents, they express it to be their purpose to enter the University at the opening of the semester and remain for at least one year. *Scholarship applications must be filed in complete form in the Farmers' Institute Office at Springfield not later than the thirty-first day of May of each year.*

(2) All candidates for these scholarships who have been recommended by the Illinois Farmers' Institute must pass with an average grade of 70 or higher the competitive scholarship examination which is held each year in each county

on the first Saturday in June. In counties from which there is more than one candidate, the scholarship will be awarded to the candidate who ranks highest in the examination, if he is otherwise eligible.

(3) All candidates who are awarded scholarships must register in the University for a curriculum in agriculture or home economics at the opening of the semester or summer session when the scholarship becomes effective. Failure to do so forfeits the scholarship.

(4) It is provided, also, that the President of the University may appoint suitable candidates where the Illinois Farmers' Institute has failed to make recommendations.

4. *Assignments of Candidates to Counties without Applicants:*

In case there are additional acceptable candidates for either scholarship from any county or district, who have passed the required competitive examination, such additional candidates, not exceeding three from any one county or district, may be assigned to other counties or districts from which there are no acceptable candidates.

5. *Period of Scholarship:*

An Agriculture or Home Economics Scholarship is good for four years. If, however, the holder is placed on probation because of unsatisfactory work, the scholarship shall not be available for his use during the period of his probation. In case a scholarship holder fails to pursue work in agriculture or home economics, or, by action of University authorities, is dismissed for poor work or for any other cause, the scholarship is forfeited.

6. *Perquisites of Scholarship:*

The perquisites of these scholarships are exemption from all matriculation, incidental and tuition fees during the period of the scholarship, except fees for the purchase of laboratory supplies, similar fees for supplies and materials, and fees for instruction in applied music.

7. *Removal from State of Holders of Scholarships:*

These scholarships are awarded only to students whose legal residence is in the State of Illinois. If the legal residence of the holder of a scholarship is changed from Illinois to some other State, his scholarship is thereby forfeited.

8. *Extension of Scholarships:*

By action of the Board of Trustees under date of July 14, 1924, a scholarship may be extended by the President of the University to cover a period of absence, not exceeding two years, under the following conditions:

(1) All applications for an extension of the term of a scholarship must be made in writing to the President.

(2) The application for extension must be filed in advance of the time of leaving the University.

(3) An extension may be granted in case the holder requires leave of absence from the University to earn money to complete his education.

(4) The holder must have completed the work of at least two semesters after the award of the scholarship.

(5) The student's work for the time during which he has been at the University must have been at least of average grade. This is indicated by a grade of "C". No student whose average is below "C" may receive an extension of his scholarship.

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

**AGREEMENT WITH TOBACCO BY-PRODUCTS AND CHEMICAL  
CORPORATION FOR A COOPERATIVE  
RESEARCH PROJECT**

(18) A recommendation from the Dean of the College of Agriculture that the University enter into an agreement with the Tobacco By-Products and Chemical Corporation, of Kentucky, for a cooperative investigation to study and investigate certain nicotine combinations as insecticides, the investigation to be

carried on by the University, through the Agricultural Experiment Station, and the State Natural History Survey Division. The agreement is for a period of one year beginning March 15, 1935, with provision for its extension, and the Corporation agrees to pay a total of one thousand dollars in two installments of \$500 each to cover the expense of the investigation.

The agreement conforms to all requirements of the Board governing such investigations and I recommend its approval.

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

**EXTENSION OF COOPERATIVE INVESTIGATIONS OF REINFORCED  
BRICK MASONRY, STRENGTH OF CHILLED CAR WHEELS,  
AND RESISTANCE OF THE TREADS OF CHILLED  
CAR WHEELS TO HEAT CHECKING**

(19) A report that the following agreements for cooperative investigations which have been under way have been extended:

Agreement with the Reinforced Brick Masonry Research Board for investigation of reinforced brick masonry from February 1, 1935, to February 1, 1936; funds are on hand to continue this investigation.

Agreements with the Association of Manufacturers of Chilled Car Wheels for investigation of strength of chilled car wheels from April 1, 1935, to October 1, 1935, and for investigation of resistance of the treads of chilled car wheels to heat checking from May 1, 1935, to November 1, 1935; funds are on hand to continue these investigations.

This report was received for record.

**SETTLEMENT WITH TENANT ON SOUTH CARTER-PENNELLS FARM**

(20) A recommendation from the Dean of the College of Agriculture and Director of the Experiment Station that the Board of Trustees authorize its representative in the management of the Carter-Pennell farms to make settlement with Mr. Harry Irvin, tenant on the south farm, on the basis of accepting 32 per cent of the \$175 due for 1934 cash rent, or \$56 plus an additional \$15 for the shelling of 1200 bushels of corn sold in February and \$8 for ten bushels of corn which leaked out of the crib and was eaten by his livestock.

This recommendation is made in recognition of the general practice of farm owners in making concessions to their tenants because of serious chinch bug infestation and severe drought.

I concur in this recommendation.

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

**FUNDS IN THE FIRST NATIONAL BANK OF CHAMPAIGN**

(21) The Comptroller reports the receipt of the following sums representing additional payments by the Trustees of the First National Bank of Champaign on accounts of the University or of its former Treasurer, Mr. H. S. Capron:

H. S. Capron, Treasurer.....	\$3 702 85
Business Office Petty Cash Fund.....	581 80
Creamery Petty Cash Fund.....	41 09
Stadium Fund.....	5 75
<i>Total</i> .....	<u>\$4 331 49</u>

These sums represent the third 10 per cent dividend paid by the Trustees. The balances remaining unliquidated after crediting these dividends are as follows:

H. S. Capron, Treasurer.....	\$25 919 92
Business Office Petty Cash Fund.....	4 072 60
Creamery Petty Cash Fund.....	287 59
Stadium Fund.....	40 21
<i>Total</i> .....	<u>\$30 320 32</u>

This report was received for record.



### FEDERAL FUNDS FOR UNIVERSITY BUILDINGS

(22) A letter from Director C. S. Havens concerning requests made for plans for the State Surveys building, to be used in supporting an application to the Federal government for a grant of money to construct the building.

On motion of Mr. Barr, the President of the University was authorized to take such steps as he may consider necessary to support with plans the requests for grants from the Federal government of money for buildings, in the following order of need: (1) Completion of Medical and Dental Laboratories Building; (2) Addition to Library Stacks; (3) Mining and Metallurgy Laboratory; (4) Surveys Building; (5) Press Association Building; (6) Military Riding Hall; such buildings to be located on the campus at places to be designated later by the Board of Trustees.

At this point, Dr. Meyer withdrew.

### FIRE AT EXPERIMENTAL GAS PLANT

(23) A report that on March 22 the experimental gas plant (a small building erected on the south campus to house equipment for experimental work on the production of gas from corn stalks) was destroyed by fire. The estimated damage, including equipment, is \$1,200. Practically all of the expenditures for this plant were from Federal (Purnell) funds.

This report was received for record.

### PURCHASE OF TRUCK FOR FIRE PROTECTION

(24) A report from Director C. S. Havens concerning the condition of the University's facilities for protecting its property against fire damage and a request for authority to purchase a small truck to serve as a temporary fire truck and for use in making routine inspections until permanent fire-fighting equipment can be purchased.

This purchase was authorized.

### FIRE PROTECTION

(25) In accordance with the instructions of the Board on February 23, 1935, watchmen have been assigned to the Chemistry Building to guard against fires. This has necessitated an addition of \$670 in the operating budget of the Physical Plant Department for the balance of the current fiscal year and will require an additional provision of \$2,000 a year in the future. On February 23 the matter of fire protection in the old part of the Chemistry Building was referred to the Committee on Buildings and Grounds for special attention (Minutes, page 132).

On motion of Mrs. Plumb, the Committee on Buildings and Grounds was requested to study this matter and to report to the Board.

### APPROPRIATION FOR STEAM LINE IMPROVEMENTS

(26) A recommendation from the Director of the Physical Plant Department that the following improvements in the steam distribution system be authorized and that an appropriation of \$2,330.00 be made for this purpose:

(A) Steam Line to North Greenhouse.....	\$1 330 00
This includes (1) extension of 220-volt 3-phase power and 110-volt light service from T.A.M. Building to North Greenhouse in 4-cell clay conduit; (2) extension of 3" low-pressure steam main from T.A.M. Building to North Greenhouse in 5"-bore wood log; (3) connecting vacuum pump at Greenhouse and running 1½" return main back and connecting to existing conduit line from E.E. Laboratory in 4"-bore wood log; and (4) building new 2-compartment manhole, replacing existing steel sump.	
(B) Recovering 708 lineal feet of 10" low-pressure steam main in tunnel with 2"-thick 85% magnesia pipe covering.....	\$1 000 00
<i>Total</i> .....	\$2 330 00

I concur and recommend further that this appropriation be made from the General Reserve Fund and that the Governor be asked to make an assignment from the Contingent Fund for this appropriation.

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

#### SUPPLEMENTARY APPROPRIATION FOR WATER SYSTEM IMPROVEMENTS

(27) The total estimated cost of all improvements in the water system approved to date (excluding the extension of the water main to the elevated tank, as this is included in a separate request for an assignment from the Contingent Fund in the University's appropriation) is \$64,200. The appropriation for these improvements is \$59,100, leaving a balance of \$5,100 to be appropriated if all approved projects are to be carried out. The Director of the Physical Plant Department submits the following items which can be omitted:

1. House for Well No. 9 (estimated cost).....\$2 500 00

Although this house is in the worst condition of all of the well houses, considering the fact that it is producing only 150 gallons per minute, it does not seem a worth-while investment until we have had time and reserve water supply to examine the well and determine its probable life and production.

2. New pump and motor for Well No. 10 (estimated cost over repairing old pump)..... 1 280 00

We have had detailed estimates from Layne-Western for repair parts on the pump removed from the abandoned Well No. 6, totaling approximately \$880. This pump may be used for Well No. 10. We propose to take the pump in Well No. 9, which has had approximately four years of service and place it in Well No. 11, leaving the pump in Well No. 8 for Well No. 9. This will provide two rather good pumps in the new wells and leave the old pumps in the lowest producing wells, which seems to be a logical arrangement.

*Total* .....\$3 780 00

If these items are omitted a supplementary appropriation of only \$1,320 is necessary. This will cover the cost of the cross connection between the University's water system and that of the Illinois Water Service Company, which was approved last summer and the additional cost of the amount due the Layne-Western Company for Well No. 10. The contract with the Company provided payments for material and labor used in constructing the well, and also a payment of \$2.00 for every gallon per minute which the well produced. When the well was finished the Company estimated an initial production of 4,000 gallons per minute and offered to settle on the basis of 2,400 gallons, which would have required a payment of \$4,800. The estimates of the cost of the well were prepared on the basis of 1,000 gallons per minute and the Physical Plant Department thought it best to run a test. To run this test, it was necessary to purchase power from the Illinois Power and Light Corporation, which cost approximately \$950. The test, which was under the supervision of the State Water Survey, was completed on April 2 and the report shows that the well produced an average of 1680 gallons per minute in the 48th hour of the test. The total payment to the Company, therefore, is \$3,360, making the total cost of the test \$4,310, or a net saving of \$400 under the amount which would have been paid on the basis of the Company's proposal.

On motion of Mr. Barr, the omission of a house for Well No. 9 and of a new pump and motor for Well No. 10 was authorized, and an appropriation of \$1,320 for final payment on the well contract was made from the General Reserve Fund (with the understanding that

Governor Horner will be asked to assign the money from the Contingent Fund) by the following vote: Aye, Mr. Barr, Mrs. Freeman, Mr. Mayer, Mrs. Plumb, Mr. Pogue, Mr. Williams; no, none; absent, Mr. Barrett, Mr. Horner, Mr. Karraker, Dr. Meyer, Mr. Wieland.

#### BIDS ON WELL HOUSES

(28) The Director of the Physical Plant Department submits the following schedule of bids received on well houses to be constructed over Wells Nos. 7, 10, and 11:

	<i>King &amp; Petry</i>	<i>George Bennett</i>	<i>E. N. DeAtley</i>
Well House No. 10 only.....	\$1 994 00	\$1 687 00	\$1 682 35
Well Houses Nos. 10 and 11.....	3 950 00	3 274 00	3 339 70
Well Houses Nos. 10, 11, and 7.....	5 900 00	4 881 00	4 972 00
Unit price on depth of foundation variation.....	\$13.00 per cu. yd.	\$1.00 per cu. ft.	none

He recommends the award of the contract to the lowest bidder, George Bennett, in the amount of \$4,881.00. Funds are available in the special appropriation for improvements of Water System to cover the expense.

On motion of Mrs. Plumb, this contract was awarded to the lowest bidder as recommended. (See reconsideration below.)

#### HORTICULTURE BARN

(29) The Director of the Physical Plant Department reports that in accordance with the instructions of the Board at its meetings on February 9 (Minutes, page 105), the plans for the proposed Horticulture barn have been modified by reducing the size and eliminating certain features to bring the total cost of the barn and the attendant's house within \$5,000. Either the barn may be a wood frame structure, or by the elimination of further details it will be possible to build a semi-fireproof barn with tile walls, steel floor beams, concrete stalls, including the attendant's house, for \$5,000.

He also submits the following bids he has secured on a fireproof barn of similar size with concrete roof and tile walls. This design has the attendant's quarters incorporated in the barn, eliminating the necessity of separate structures:

	<i>King &amp; Petry</i>	<i>George Bennett</i>	<i>E. N. DeAtley</i>
Base bid.....	\$9 393 00	\$8 087 00	\$10 000 00
Use of gray cement for exterior stucco, <i>deduct</i> .....	100 00	30 00	100 00
Omission of plastering of ceilings in three low bays, <i>deduct</i> .....	140 00	175 00	140 00
Omission of all plumbing work, <i>deduct</i> ...	475 00	450 00	460 00
<i>Net bid</i> .....	<u>\$8 678 00</u>	<u>\$7 432 00</u>	<u>\$9 300 00</u>

In addition, the cost of engineering services, if the concrete barn is to be constructed, will amount to \$250, making the total cost of the barn \$7,500. There is at present an appropriation of \$5,000 for the barn; so that if the Board desires a concrete barn erected a supplementary appropriation of \$2,500 will be necessary. From the standpoint of operation, maintenance, and fire protection, a concrete barn would be very desirable.

On motion of Mr. Barr, the bids for a concrete barn were rejected, and the Director of the Physical Plant Department was authorized to construct the barn within the appropriation of \$5,000 already made.

#### AWARD OF CONTRACT FOR WELL HOUSES RECONSIDERED

On motion of Mr. Mayer, the action awarding a contract for well houses was reconsidered.

On motion of Mr. Barr, the award of this contract was suspended until the receipt of information concerning the possibility and cost of

constructing these well houses by "purchase and hire," using our own staff under the supervision of the Director of the Physical Plant Department.

#### **REVOCATION OF C.P.A. CERTIFICATE OF BASIL A. BARRON**

(30) A report from the Committee on Accountancy, which had been directed by President Daniels to hold hearings on a complaint filed by the Illinois Society of Certified Public Accountants against Mr. Basil A. Barron, holder of certificate No. 325. The University Committee recommends that the certificate be revoked.

On motion of Mrs. Plumb, action on this recommendation was deferred pending the receipt of an opinion from the University Counsel on the point whether the hearing of this complaint should not have been conducted by the Board of Trustees.

#### **LEGISLATION TO INCREASE COUNTY SCHOLARSHIPS**

(31) A report that there has been introduced in the Legislature House Bill No. 508, which would increase the number of County Scholarships in the University from one to three in each county annually. The effect of this, if enacted, has been explained to the author of the bill, to the Chairman of the House Committee on Education, to which it has been referred, and to the Governor.

A hearing on this bill was held by the Committee on Education on April 9, at which representatives of the University appeared and explained the consequences of this proposed legislation. At the end of the hearing the Committee voted to recommend to the House that the bill do not pass.

This report was received for record.

#### **FEDERAL WORK RELIEF FUNDS**

(32) A report of the activity of the University in the matter of securing specific allocations for building projects at Land-Grant colleges in the Federal appropriation for work relief.

This report was received for record.

#### **INSURANCE ON BOILERS AND COMPRESSORS**

(33) A recommendation from the Purchasing Agent and the Comptroller that insurance on boilers and compressors which has expired be renewed with the Hartford Steam Boiler Inspection and Insurance Company for a period of three years beginning January 1, 1935, at a cost of \$1,923.22. The previous policy expired January 1, but has been continued, pending discussion as to certain details and approval by the Board.

Funds are available in the budget of the Physical Plant Department to cover the cost of this insurance.

I recommend approval.

On motion of Mr. Barr, this insurance was awarded to the Hartford Company as recommended.

#### **RECOMMENDATIONS CONCERNING PURCHASES**

(34) Recommendations from the Purchasing Agent for the purchase of the following items:

(a) Two thousand copies of each of three Illinois State Soil Maps, to be printed by R. R. Donnelley and Sons Company at a price of \$1,000. This is a part of the regular work of the Soil Survey Division of the Department of Agronomy, and funds are available in the budget to cover the expense.

The President of the University was asked to report on this matter.

(b) Two steel coal tanks for the Power Plant from the Leader Iron Works, Incorporated, of Decatur, at a price of \$1,134.50 installed, to replace

two tanks installed in 1913 which are beyond further repair. Funds are available in the budget of the Physical Plant Department to cover the cost of purchase and installation.

On motion of Mr. Mayer, this bid was rejected because there was no competition and the Comptroller was instructed to get additional bids.

(c) Two safes for filing records in the Registrar's Office (one for 8" x 6 $\frac{3}{8}$ " cards and one for 8" x 10" cards) from Remington Rand, Incorporated, at a price of \$1,181.35 f.o.b. Urbana. This is a part of the equipment for the new record system which was authorized by the Board on February 23, 1935.

On motion of Mrs. Plumb, this purchase was authorized.

(d) One hundred and thirty-two cases Pyrex laboratory glassware for stock in the General Chemical Storeroom at a price of \$2,283, for issue to various departments using such equipment, from E. H. Sargent and Company. Funds are available for the purchase of this glassware.

On motion of Mrs. Plumb, this purchase was authorized.

(e) Two hundred and seventy-two awnings to be recovered in accordance with University specifications, by the Twin City Awning & Upholstering Co., Champaign, at a price of \$1,149.56. A special appropriation (\$3,000.00) for awnings was made by the Board of Trustees on February 23, 1935.

On motion of Mrs. Freeman, this purchase was authorized.

#### REPORT OF PURCHASES AUTHORIZED BY THE PRESIDENT

(35) In accordance with the action of the Board of Trustees on May 22, 1934 (Minutes, page 577), the following purchase, amounting to \$1,000 and over, has been authorized as emergency action:

Eighteen hundred bushels of No. 3 yellow seed corn at 82 cents per bushel from H. N. Pell, of Urbana, at a total cost of \$1,476, for the Department of Animal Husbandry. It was necessary to make this purchase immediately in order to take advantage of the price and to secure the corn.

This report was received for record.

#### COMPTROLLER'S REPORT OF CONTRACTS

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

##### CONTRACTS EXECUTED BY THE COMPTROLLER

MARCH 7 TO APRIL 8, 1935

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

<i>For whom</i>	<i>Instruction in</i>	<i>Tenure</i>	<i>Date</i>
Russell Nesbitt	Engineering (Extension)	February 6, 1935, to September, 1935	March 8, 1935

Extension of agreement for cooperative investigation, reported to the Board February 9, 1935 (Minutes, page 113); original contract approved by the Board February 4, 1934 (Minutes, page 452):

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
E. I. DuPont de Nemours and Company (Grasselli Chemicals Division)	\$5 000	February 15, 1935	Investigation to study the evaluation of the toxicity of insecticides

Agreements approved by the Board March 12, 1935:

<i>With whom</i>	<i>Purpose</i>	<i>Date</i>
Dun and Bradstreet, Inc.	Agreement covering collection of accounts receivable and student loans for the University	March 19, 1935
Cottrell and Leonard, Inc.	Agreement covering rental of academic costumes by the University for the 1935 Commencement	March 18, 1935

Lease approved by the Board February 23, 1935 (Minutes, page 132):

<i>From whom</i>	<i>Amount to be paid by the University</i>	<i>Date</i>	<i>Tenure</i>	<i>Property</i>
New York Central Railroad, operator of the Peoria and Eastern Railroad	No rental	March 1, 1935	One year from March, 1935	Two prairie remnants in DeWitt and Piatt counties, Illinois, adjoining right-of-way

This report was received for record.

#### CHEMICAL FOUNDATION FELLOWSHIPS IN ORGANIC CHEMISTRY

(37) The Chemical Foundation offers the University of Illinois the sum of \$6,000 a year for three years, unless sooner withdrawn or terminated by the Chemical Foundation, to aid ten worthy graduate students in organic chemistry to take advanced work for the Ph.D. degree, under the following terms and conditions:

1. The fellowships shall be called "Organic Chemistry Fellowships."
2. Recommendations for appointments to these fellowships shall be by the Head of the Department of Chemistry or by the head of the division of organic chemistry of the Department of Chemistry. They must receive the approval of the fellowship committee of the Graduate School of the University. The standards of the candidates for appointment shall be the same as of the candidates for appointment to other University fellowships.
3. The stipend shall be \$600 for ten months and shall be paid in ten installments.
4. These fellows shall be exempt from tuition and fees (except the matriculation and graduation fees). They shall have the same privileges and shall observe the same regulations within the University as those holding regular University fellowships. They shall not be obligated to undertake any teaching assignments.
5. The appointment to an organic chemical fellowship shall be for one year only with no assurance of renewal. It is expected, however, that under ordinary circumstances the recipient will continue as a fellow until he obtains the Ph.D. degree.
6. The distribution of the organic chemistry fellows among the members of the staff of the organic division of the Department of Chemistry is to be determined by the Head of the Department, or in case the Head of the Department is not an organic chemist, by the head of the division of organic chemistry.
7. Appointments may be made so that a candidate may start work at the beginning of the first or the second semester.
8. Funds for the fellowships shall be paid to the University which shall act as disbursing agent to the fellows.
9. The Chemical Foundation reserves the right to terminate this arrangement and to discontinue the fellowships at the end of any school year in so far as any new appointments are concerned; but it agrees to give the University notice of its intention to discontinue the fellowships at least sixty days prior to the end of any academic year.
10. In the event that any patentable discoveries are made by any fellow during the progress of the investigations, the general regulations of the Board of Trustees of the University of Illinois concerning patentable discoveries by members of its staff shall govern and be regarded as applicable to the same extent and with the same effect as if such fellow were a member of the staff of the University; but fellows hereunder shall not be regarded as members of the University staff for any other purpose whatsoever.

II. In case funds for fellowships be extended beyond the three-year period, notice to this effect shall be given on or before the first day of September prior to the termination of the third-year period.

These conditions have been approved by the Graduate School Research Board and are in accordance with suggestions made by the University Counsel and myself. I recommend acceptance of this offer and approval of the above conditions.

On motion of Mr. Barr, this gift was accepted as recommended.

**ADJOURNMENT TO APRIL 27, 1935**

On motion of Mr. Pogue, the Board adjourned to meet at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Saturday, April 27, 1935.

H. E. CUNNINGHAM

*Secretary*

WALTER W. WILLIAMS

*President*