

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

March 11, 12, 1931



The annual meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Wednesday, March 11, 1931. When the Board convened, the following were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, and Mr. Williams.

President Chase was present; also, during parts of the meeting, Mr. H. S. Capron, Treasurer, Mr. Morey, Comptroller, Professor White, Supervising Architect, and Judge Johnson, Legal Counsel.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 5 and 6, 1931, and of the meeting of the Executive Committee of February 5, 1931. On motion of Dr. Noble, the minutes were approved and received for record as printed on pages 149 to 179 above.

ARBORETUM

Mr. Simpson, for the Committee on Landscaping, reported that Professor Blair's report on the requirements for the Arboretum was ready, and recommended that action on the report be taken promptly. This matter was referred to the new committee.

ELECTION OF OFFICERS

On motion of Mr. Armstrong, Mrs. Grigsby was appointed Chairman of the meeting for the election of the President of the Board for the ensuing year.

**MR. GEORGE A. BARR ELECTED PRESIDENT OF
THE BOARD**

Dr. Noble nominated Mr. George A. Barr for the office of President of the Board.

On motion of Dr. Noble, the nominations were closed, and the Secretary of the Board was instructed to cast the unanimous vote of the meeting for Mr. Barr as President. The ballot was cast and Mr. Barr was declared elected President of the Board. President Barr took the chair and expressed his appreciation of the honor.

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

On motion of Mrs. Grigsby, Mr. Harrison E. Cunningham was elected Secretary of the Board for the ensuing year.

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On motion of Mrs. Evans, Professor Lloyd Morey was elected Comptroller for the ensuing year.

EXECUTIVE COMMITTEE ELECTED

Mrs. Evans nominated Mrs. Grigsby and Mr. Armstrong nominated Dr. Noble to serve, with the President of the Board as Chairman, as members of the Executive Committee for the ensuing year.

On motion of Mr. Barrett, the nominations were closed and the Secretary was instructed to cast the unanimous vote of the Board for Mrs. Grigsby and Dr. Noble as members of the Executive Committee. The ballot was cast and Mrs. Grigsby and Dr. Noble were declared elected members of the Executive Committee.

DELEGATION OF SIGNATURES

On motion of Dr. Noble, the following resolution was adopted.

Resolved, that the President and the Secretary of the Board of Trustees, be and they hereby are authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to the Auditor and to the Chief Accountant in the Business Office authority to sign his name, as President of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The Secretary of the Board of Trustees is authorized to delegate to the Bursar and to the Assistant Bursar in the Business Office authority to sign his name, as Secretary of the Board of Trustees, to vouchers against the State Auditor, and to

warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The President and the Secretary of the Board of Trustees are authorized to delegate to the Comptroller authority to sign the name of the President or of the Secretary of the Board of Trustees to vouchers against the State Auditor, and to warrants on the University Treasurer in case of emergency; provided that under no circumstances shall the Comptroller sign the names of both the President and the Secretary to the same warrant or voucher.

At this point, Mrs. Hopkins took her place with the Board.

MR. HAZEN S. CAPRON ELECTED TREASURER

Mr. Capron made a statement concerning the attitude of bonding companies in the matter of writing security bonds covering liability for losses which might occur through no fault of the officer secured.

On motion of Mr. Williams, the following resolution was adopted:

BE IT RESOLVED, that Mr. Hazen S. Capron be elected Treasurer of the University of Illinois for the ensuing biennium, and that he furnish a personal bond with securities satisfactory to the Board.

AND BE IT FURTHER RESOLVED, that the Treasurer require the depository or depositories selected by him to deposit in trust securities of such character and in such amount as will secure the funds so deposited.

AND BE IT FURTHER RESOLVED, that the Treasurer shall pay such interest (not less than 2 per cent) on the funds in his hands as may from time to time be agreed.

TREASURER'S BOND

On motion of Mr. Armstrong, the President of the Board was authorized to appoint a special committee of three members, of whom he should be one, to act in conjunction with the Legal Counsel to formulate the bond of the Treasurer and to present it to the Board for approval. President Barr appointed Mr. Williams and Mr. Barrett to serve with him on this committee.

AUTHORITY TO RECEIVE MONEY

On motion of Dr. Noble, the following resolution was adopted:

RESOLVED, that the Treasurer of the Board of Trustees of the University of Illinois be and he is hereby authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or to the University of Illinois.

MATTERS PRESENTED BY PRESIDENT CHASE

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

FINANCIAL PROGRAM FOR 1931-33 AND STUDENT FEES IN URBANA DEPARTMENTS

(1) A recommendation that the following operating budget for 1931-33 be presented to the General Assembly instead of the budget as printed on page 107 of the Minutes:

	<i>State Appropriation for 1929-31 (per year)</i>	<i>Proposed for 1931-33 (per year)</i>	<i>Total for the Biennium 1931-33</i>
Operating			
Salaries and Wages.....	\$3 515 000	\$3 675 000	\$7 350 000
Office Expense, including printing and publications.....	150 000	150 000	300 000
Travel.....	35 000	35 000	70 000
Operation.....	485 000	500 000	1 000 000
Repairs.....	160 000	165 000	330 000
Equipment.....	290 000	315 000	630 000
Permanent Improvements.....	130 000	100 000	200 000
<i>Total per year.....</i>	<i>\$4 765 000</i>	<i>\$4 940 000</i>	
<i>Total biennium.....</i>	<i>\$9 530 000</i>	<i>\$9 880 000</i>	<i>\$9 880 000</i>

and that the following schedule of incidental fees in the departments at Urbana, other than the College of Law, and including the Graduate School, be adopted, to become effective September, 1931:

	<i>Incidental Fees per Semester</i>
For residents of Illinois.....	\$35 00
For non-residents of Illinois.....	62 50

On motion of Mr. Williams this revised budget was approved for submission to the General Assembly and it was voted to adopt the schedule of incidental fees as recommended.

The Board adjourned, to meet at 9 a.m. on Thursday, March 12, 1931.

H. E. CUNNINGHAM
Secretary

GEORGE A. BARR
President

ADJOURNED SESSION, MARCH 12, 1931

When the Board convened at 9 a.m. on Thursday, March 12, 1931, pursuant to adjournment, the following members were present: President Barr, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; also, during the morning, Mr. Fisher.

President Chase was present.

MATTERS PRESENTED BY PRESIDENT CHASE

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

BUILDING PROGRAM

(1) A statement concerning the askings for buildings as approved by the Board in October (page 107).

On motion of Dr. Noble, it was voted that the items for buildings in the Legislative Budget as approved October 17, 1930, be not changed.

ADDITION TO BUDGET OF THE SCHOOL OF MUSIC

(2) A report of the addition of two hundred dollars to the budget of the School of Music for the employment of an additional part-time assistant in Theory and Piano for four months, necessitated by the increased enrollment in that Department.

On motion of Mrs. Grigsby, the addition of \$200 to the budget of the School of Music was approved, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees, Mr. Williams.

At this point, Mr. Barr, being called from the room, asked Mrs. Evans to take the chair.

APPROPRIATIONS FOR DEATH BENEFITS

(3) A report of the following deaths of members of the staff:

Dr. George P. Dreyer, Professor of Physiology in the College of Medicine, on February 27, 1931. He had been on the staff since September 1, 1900. The amount of death benefit due in his case is \$2,750.

Rudolph Meseck, Janitor in the School of Pharmacy, on February 21, 1931. He had been in the employ of the University since January 1, 1902. The death benefit in his case is \$360.

J. W. Johnson, Laborer in the Physical Plant Division, on March 6, 1931. He had been in the employ of the University since December 14, 1929. The death benefit in his case is \$140.05.

I recommend that the sum of \$3,250.05 be appropriated from the Reserve and Contingent Fund for the death benefits due in these cases, and that the Comptroller be authorized to make payments to the designated beneficiaries.

On motion of Dr. Noble, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Trees.

APPROPRIATION FOR FLORIDA AVENUE PAVEMENT

(4) When the assessment for the Florida Avenue pavement was approved by the Board on September 17, the estimated expense to the University was given as \$22,068.98. The Comptroller reports that a rebate of \$1,949.81 has been credited on this assessment, this amount having been repaid to the University in cash. We have paid only the first installment of this paving, leaving nine installments unpaid, each in the amount of \$2,169.77. The Comptroller and the Supervising Architect recommend that this rebate be applied toward an advance payment of another installment, the difference between the rebate and the amount of the installment to be paid from Physical Plant Extension funds.

I recommend that the sum of \$1,949.81 be appropriated toward the payment of an additional installment of the assessment for this paving.

On motion of Mr. Armstrong, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

LEAVE OF ABSENCE FOR DR. CLARISSA RINAKER

(5) A recommendation that the leave of absence on part-salary given Dr. Clarissa Rinaker, Assistant Professor of English, on account of illness from November 1, 1930, to February 1, 1931, be extended for as much of the second semester as her absence makes necessary, under the same conditions, namely, that the salary of her substitute be deducted from Doctor Rinaker's salary and the balance paid to her.

On motion of Dr. Noble, this recommendation was adopted.

LEAVE OF ABSENCE FOR PROFESSOR W. O. BLANCHARD

(6) A request from Professor W. O. Blanchard of the Department of Geology, endorsed by the Head of the Department and the Dean, that he be given sabbatical

leave of absence on one-half pay under the rules, for one year beginning September 1, 1931.

I recommend approval.

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

LEAVE OF ABSENCE FOR MISS JOSIE B. HOUCHENS

(7) A recommendation from Director P. L. Windsor that Miss Josie B. Houchens of the Library staff be given leave of absence without pay during the month of July in order that she may teach at the summer session of Columbia University.

I recommend approval.

On motion of Mrs. Grigsby, this leave was granted.

DIRECTORS OF THE ATHLETIC ASSOCIATION

(8) A recommendation that the following be appointed Directors of the Athletic Association of the University to serve until March, 1932, or until their successors shall have been elected:

Director GEORGE HUFF, *Champaign*

Judge O. A. HARKER, *Champaign*

Professor F. A. RUSSELL, *Urbana*

Mr. J. P. KRATZ, *Monticello*

Mr. W. E. C. CLIFFORD, *Champaign*

This recommendation is made pursuant to the constitution of the Athletic Association which provides that these directors shall be elected annually by the Board of Trustees of the University on recommendation of the President.

On motion of Dr. Noble, these directors were elected.

PROPOSAL FROM DEAN KENDRIC C. BABCOCK FOR CREATION OF AN ENDOWMENT IN SUPPORT OF RESEARCH, FELLOWSHIPS, AND PUBLICATIONS IN HISTORY AND POLITICAL SCIENCE

(9) A proposal from Dean Kendric C. Babcock to present securities valued at approximately \$50,000 to the University for the establishment of a trust fund in support of research, fellowships, and publications in history and political science.

On motion of Dr. Noble, this proposal was accepted in principle and the Legal Counsel was directed to draw an instrument of trust in legal form to be presented to the Board for approval.

The President of the University was requested to express the appreciation of the Board to Dean Babcock for his gift.

COLLEGE OF FINE AND APPLIED ARTS

(10) Since 1921 there has been under consideration a proposal that certain of the University's art interests, such as Architecture, Art and Design, Landscape Architecture, and Music, be organized as a College of Fine Arts. For one reason or another it has not been practicable to make this reorganization heretofore, although the proposal has remained under consideration pursuant to the action of the University Senate on October 3, 1921, which voted that the matter be given further study with the view to presenting to the Senate a plan for such a college when it is possible to provide adequately for such an additional unit. In 1928 a special committee of the faculty was appointed to make specific recommendations for the organization of a College of Fine Arts. This committee made a detailed report after five or six months of study, which report has furnished the basis for the following specific recommendations of the Committee on Educational Policy, which were approved by the Senate on February 2:

1. That there be established at the University of Illinois a College of Fine and Applied Arts with the same rights and privileges accorded the other colleges of the University.

2. That, at the beginning, the College of Fine and Applied Arts include the School of Music, the Department of Architecture, the Department of Art and Design, and the Division of Landscape Architecture including the option in City Planning.

3. That, for the time being, admission requirements to the several units remain as at present; that students now registered in the present curricula be allowed to

continue these curricula to graduation; and that the degrees offered be, until further provision is made, those given upon the completion of the present curricula.

4. That, subsequent to the approval by the Senate of a general plan for the establishment of a College of Fine and Applied Arts, matters pertaining to admission requirements, the nature and extent of the curricula, the degrees to be awarded, and projected fields of work, be determined by the proper authorities.

In connection with these recommendations the Committee also suggested that the cultivation of esthetic taste on the part of the student body at large should be considered one of the major aims of such a college and that suitable subjects for the development of general artistic appreciation should be so presented as to make them desirable as electives in other colleges. The Committee also stated in its report that it is its understanding that the plan proposed does not commit the University to any large additional expense nor to any elaborate expansion of activity. The Committee stated further that, in its opinion, the question of policy at the moment is whether or not we shall coordinate these applied phases of work in accordance with a unitary plan of procedure.

It should be emphasized that this adds no new developments, but simply coordinates certain fields of work, which have a common point of view, for purposes of administration and development. I request that this action of the University Senate be approved at this meeting in order that plans may go forward as quickly as possible for the organization of this new division.

On motion of Dr. Noble, this recommendation was adopted.

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(11) A recommendation that the Board authorize the execution of the following agreements for cooperative investigations, the agreements in each case being of the form and character of similar agreements heretofore authorized by the Board, and being approved by the Legal Counsel:

1. Agreement with American Railway Association and the Rail Manufacturers' Technical Committee for a cooperative investigation of fissures and other causes of failures of railroad rails by the Engineering Experiment Station. This agreement covers a period of five years from January 1, 1931, with provision for its termination upon three months' notice. Each of the cooperating agencies agrees to pay the sum of \$25,000 per year (or a total of \$50,000 a year) for the expense of this investigation.

2. Agreement with American Society of Heating and Ventilating Engineers for a cooperative investigation of heating and ventilating by the Engineering Experiment Station. This agreement is drawn for a period of three years beginning April 1, 1931, with provision for its extension and the Society agrees to pay the sum of \$15,000 for the expenses of this investigation.

3. Agreement with the Association of Manufacturers of Chilled Car Wheels for a cooperative investigation of the frictional qualities of railway brake shoes by the Engineering Experiment Station. The agreement is drawn for a period of one year beginning March 15, 1931, with provision for its extension, and the Association agrees to pay the sum of \$3,800 for the expenses of the investigation.

On motion of Mr. Armstrong, these agreements were authorized.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(12) A report of the renewal or the extension of the following agreements for cooperative investigations:

1. Agreements with the Utilities Research Commission, Incorporated, for the following investigations, the period of extension and the additional funds to be supplied for the expenses of the investigations being indicated in each case:

a. Porcelain for Insulators (Case No. 3)

Extended from June 30, 1931, to December 31, 1931.....\$7 700

b. Stresses in Elevated Structures and Equipment (Case No. 5—combines work formerly done on Case No. 4)

Extended from June 30, 1931, to December 31, 1931.....9 000

c. Cable Testing Methods (Case No. 6)

Extended from June 30, 1931, to December 31, 1931.....5 000

- d. Water Treatment for Ice Making (Case No. 11)
Extended from December 31, 1929, to March 31, 1931..... 2 000
- e. Stretching of Lead Sheaths (Case No. 23)
Extended from July 1, 1931, to December 31, 1931..... 1 500
- f. Corrosion of Gas Heater Flues (Case No. 29)
Extended from June 30, 1930, to December 31, 1931..... 6 000
- g. Solubility Studies of Boiler Waters (Case No. 31)
Extended from March 1, 1931, to December 31, 1931..... 9 000
- h. Treatment of Stack Gases (Case No. 34)
Extended from July 1, 1931, to December 31, 1931.....12 000
(In the case of "d", "e", and "g" this report will replace the report made at the meeting of the Executive Committee on February 5, 1931—Minutes, pages 151-152)
- 2. Agreement with the Clay Products Association for investigation of clay sewer pipe extended to February 1, 1932, the Association to pay not to exceed \$2,000 more for the additional expenses of this investigation.

This report was received for record.

**REQUEST OF PROFESSOR A. C. WILLARD FOR AUTHORITY
TO RENDER CONSULTING SERVICE TO THE AMER-
ICAN SOCIETY OF HEATING AND
VENTILATING ENGINEERS**

(13) A request from Professor A. C. Willard, Head of the Department of Mechanical Engineering, that he be permitted to render certain professional services of an advisory character relating to the general research activities of the American Society of Heating and Ventilating Engineers. He states that these services will in no way interfere with his University duties. The work would consist of conferences or consultations, usually at Urbana, concerning chiefly scientific or technical matters relating to fundamental research problems concerning heating and ventilating. No commercial testing problems for private individuals or firms would be considered, but only such research problems of general interest to the Society as are determined by the Research Committee to which Professor Willard shall act as adviser.

On motion of Mrs. Evans, this request was granted.

**REQUEST FROM UTILITIES RESEARCH COMMISSION FOR
LICENSE TO COMMERCIALIZE A DISCOVERY MADE
BY THE ENGINEERING EXPERIMENT STATION**

(14) A request from the Utilities Research Commission that in return for proper consideration to the University, it be given the exclusive right to commercialize the discovery of a method of removing sulphur fumes from stack gases made by members of the staff of the Engineering Experiment Station during a cooperative investigation financed by the Commission. In order to develop this scientific principle it will be necessary to secure the services of some large manufacturer who will be prepared to spend a considerable amount of money in development work and that will involve giving him some preferential guarantee so that he will not be spending money for the benefit of any competitors who may care to use the discovery as soon as it promises to be a success. Since the Utilities Research Commission outlined this problem, brought it to the University for solution, furnished the committee supervision and the money necessary to carry on the work, it seems proper that the Commission be permitted to commercialize this discovery, not only for its own sake, but for the sake of the University so that its rights in this discovery will not be lost. It is obviously impossible for the University itself to undertake the commercial development of this method.

The Faculty Committee on Patents recommends, and I concur, that the Board negotiate forthwith with the Utilities Research Commission for the purpose of entering into a suitable contract for the commercial development of this patent.

On motion of Dr. Noble, this matter was referred to the Committee on Patents for consideration and report.

**AWARD OF CONTRACT FOR LABORATORY EQUIPMENT
FOR MEDICAL AND DENTAL LABORATORIES BUILDING**

(15) On February 6, 1931 (Minutes, pages 175-177), the Board of Trustees awarded the contract for laboratory equipment for the Medical and Dental Laboratories

Building to the W. W. Kimball Company of Chicago on the basis of its low bid of \$58,126.80 (opened January 2, 1931). The Company had submitted a second, revised bid on January 2 with the request that it be substituted for the original bid on the ground that the Company made an error in estimating the original bid. The Board refused to accept the revised bid and to permit the Company to withdraw its original bid. Consequently, on February 5, 1931, a representative of the Company stated to the Board in writing that the Company's original bid of \$58,126.80 still stands. In view of this statement the contract was awarded on that basis. The Supervising Architect now reports that the Kimball Company has declined to execute the contract and that consequently he has requested the Comptroller to cash the certified check for \$1,250 which the Company submitted with its bid. He recommends that the contract be awarded to the Kewaunee Manufacturing Company, the second low bidder, on the basis of its bid of \$107,015.80.

I concur in this recommendation.

On motion of Dr. Noble, this recommendation was adopted.

APPROVAL OF VARIOUS PURCHASES

(16) A report of the approval of the following purchases amounting to one thousand dollars or over since the last report was made to the Board:

Reimbursement of A. W. Stoolman, contractor, for labor and material furnished by the Twin City Roofing Company, Champaign, in repairing the slate roof and flashing, erecting new gutter and downspouts, and applying new gravel roofing on the Boiler House Addition in the amount of \$1,154.01.

A carload of Redwood Lumber from the Union Lumber Company (through the Danville office) at a price of \$1,434.50 f.o.b. Urbana, subject to two per cent discount if paid by June 30, 1931, for the use of the Physical Plant Department in cabinet work and repairs.

Acids for the General Chemical Storeroom from the Grasselli Chemical Company on the basis of their low bid of \$2,466. These chemicals are purchased under contract.

A minor contract with Frank A. Somers Company for the rough grading on Goodwin Avenue extension on the basis of their low bid of \$780.

Six thousand feet of electrical cable for extension of electric service lines to the skating rink, tennis courts, and handball courts in the New Gymnasium from the Graybar Electric Company, one of the low bidders, at a price of \$3,904.57.

This report was received for record.

GIFTS TO THE UNIVERSITY

(17) The following report of gifts received by the University since the last report was made to the Board:

1. From Standard Brands Incorporated the sum of \$500 for a continuation of the investigation of the antiseptic properties of the skin by the College of Medicine. This supplements the initial gift of \$1,000 made for this study last year (Board Minutes, May 9, 1930, page 582).

2. A bequest from the late Mrs. Mary F. Kitchell of Pana of "Miscellaneous and Law Libraries of my late husband, together with the movable book-cases." The Law Library was disposed of by the deceased during her lifetime but the rest of the Library collected by the late John W. Kitchell remains and will be turned over to the University by the executor pursuant to Mrs. Kitchell's Will.

This report was received for record.

INVESTMENT OF MCKINLEY HOSPITAL ENDOWMENT FUNDS

(18) The Comptroller reports that in accordance with the action of the Board of Trustees on February 5 and 6, 1931, he has completed the purchase of the following investments of the McKinley Hospital Endowment Funds:

1. First Farm Mortgage of Charles Gourdier, interest at $5\frac{1}{2}\%$, issued March 1, 1931, maturity March 1, 1938, \$10,000.

2. First Farm Mortgage of James W. Castor, interest at $5\frac{1}{2}\%$, issued February 6, 1931, maturity February 1, 1936, \$2,000.

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

On recommendation of the Finance Committee and on motion of

Mrs. Evans, the Comptroller was authorized to invest \$3,000 of the McKinley Hospital Endowment Funds in Central of Georgia, First Gold 5's, 1945.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(19) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER JANUARY 31, 1931, TO MARCH 5, 1931

Cooperative research agreements executed on special authorization of the Board of Trustees in meeting of February 5, 1931, minutes page 151:

Name	Amount to be received by the University	Date	Purpose
Utilities Research Commission	\$7 500	February 9, 1931	For cooperative investigation of refrigeration at low brine temperatures by Engineering Experiment Station
Bureau of Public Roads of United States Department of Agriculture	20 000	February 9, 1931	For cooperative investigation of reinforced concrete arches by Engineering Experiment Station

Extension of cooperative research agreement executed on special approval of the Board of Trustees in meeting of February 5, 1931, minutes page 151:

Name	Amount to be received by the University	Date	Purpose
Ruhm Phosphate & Chemical Company and Thomson Phosphate Company	\$1 800	January 28, 1931	For cooperative investigation of rock phosphate as a fertilizer by Agricultural Experiment Station

Contract authorized under special authorization of the Board of Trustees in meeting of February 6, 1931, minutes page 174.

Name	Amount to be received by the University	Date	Item
Urbana Laboratories, A. L. Whiting, owner	Royalty of 10¢ a quart	February 17, 1931	For sale of phosphorus test solution known under trade name as Hi-Lo-Posfate Reagent

Minor contracts executed under general regulation:

Name	Amount to be received by the University	Date	Item
Illinois State Board for Vocational Education	Regular Fees	February 19, 1931	Regular Instruction in College of Commerce to be rendered to E. A. Wherry for two years from February 2, 1931
Otis Elevator Company	\$24 00 monthly	February 12, 1931	Weekly inspection and maintenance of elevator in Lincoln Hall Addition for five years beginning February 1, 1931

Renewal of lease of University property executed under general regulations:

Leased to	Property	Rental to be received by the University	Date	Tenure
Illinois Bell Telephone Company	98 pairs of University underground cables	\$264 60 a year	February 6, 1931	One year from January 1, 1931

LLOYD MOREY
Comptroller

PURCHASE ORDERS ISSUED IN FEBRUARY NOT OTHERWISE REPORTED

Vendor	Item	Amount	Department	Appropriation made in budget for	Procedure
Electric Coal Company	Coal	\$1 500 00	Physical Plant	Coal Storage	Quoted
Electric Coal Company	Coal	1 500 00	Physical Plant	Coal storage	Quoted

H. M. EDWARDS
Purchasing Agent

This report was received for record.

CONTRACT FOR LIGHTING FIXTURES FOR MEDICAL AND DENTAL LABORATORIES BUILDING

(20) The Supervising Architect submits the following schedule of bids received on lighting fixtures for the Medical and Dental Laboratories Building.

**MEDICAL AND DENTAL COLLEGE LABORATORIES
LIGHTING FIXTURE BIDS**

<i>Contractors</i>	<i>Base Bid</i>
Walter G. Warren & Co.....	\$14 493 75
Wilmer S. Snow.....	14 763 15
Victor S. Pearlman & Co.....	15 608 09
Solar Illuminating Co.....	13 893 25 plus Frink Equip. \$2350 00
Henkel & Best Co.....	17 086 75
C. G. Everson & Co.....	17 115 05
Chester Johnson Electric Co.....	17 490 00
Moran & Hastings Mfg. Co.....	17 737 21
Jackson Electrical Co.....	19 440 00

Bidders invited but no bids received.

Hyland Electrical Supply Co., Edwin F. Guth Co., Lighting Specialties Co., Electric Appliance Co., General Electric Supply Co., Illinois Fixture Co., Ivanhoe Division of the Miller Co.

Messrs. Granger and Bollenbacher, architects on the building, recommend that the contract be awarded to the low bidder, Walter G. Warren & Company of Chicago, on the basis of their bid of \$14,493.75. The Supervising Architect concurs in this recommendation.

I recommend approval.

On motion of Dr. Noble, this contract was awarded to the lowest bidder as recommended.

CONTRACT FOR SEATING IN MEDICAL AND DENTAL LABORATORIES BUILDING

(21) The Supervising Architect submits the following schedule of bids received for the class room and lecture room seats for the Medical and Dental Laboratories Building:

**MEDICAL AND DENTAL COLLEGE LABORATORIES
SCHEDULE OF SEATING BIDS**

Item No. 1—400 Pedestal Arm Chairs with Book Rack

A. H. Andrews Co.....	\$2192 00
Steel Furniture Co.....	2292 00
American Seating Co.....	2396 00
The Stafford Co.....	2380 00 (without book rack)

Item No. 2—598 Tablet Arm Opera Chairs (Plywood Back and Seat)

American Seating Co.....	\$2691 00 (ball and socket seat hinge)
Steel Furniture Co.....	2864 42
A. H. Andrews Co.....	2840 50
American Seating Co.....	2870 40 (ball bearing compensating seat hinge)

Item No. 3—200 Tablet Arm Opera Chairs (Upholstered)

The Stafford Co.....	\$1390 00
American Seating Co.....	1480 00 (ball and socket seat hinge)
Steel Furniture Co.....	1524 00
American Seating Co.....	1540 00 (ball bearing compensating seat hinge)
A. H. Andrews.....	1550 00

Combined Items Nos. 2 and 3

American Seating Co.—(ball and socket hinge).....	\$4171 00
Steel Furniture Co.....	4388 42
A. H. Andrews Co.....	4390 50
American Seating Co. (ball bearing compensating seat hinge).....	4410 40

Messrs. Granger and Bollenbacher, architects on the building, recommend that the contract for the 400 pedestal arm chairs with book racks be awarded to the A. H. Andrews Company of Chicago on the basis of their bid of \$2,192.00; and that the contract for the 598 tablet arm opera chairs (with plywood back and seat) and the 200 tablet arm opera chairs (upholstered) be awarded to the American Seating Company on the basis of their combined net bid of \$3,991.60 (total of \$4,171.00 less \$179.40 for 7/16" 5-plywood backs instead of 7-plywood). The Supervising Architect and the Purchasing Agent concur in this recommendation.

I recommend approval.

On motion of Mrs. Hopkins, these contracts were awarded as recommended.

**CONTRACT FOR ACOUSTICAL CORRECTION IN
UNIVERSITY BUILDINGS**

(22) The Supervising Architect submits the following analysis of bids received for acoustical corrections in the Men's Gymnasium, the main gymnasium in the Woman's Building, in the Guild Room of Lincoln Hall, in Room 103 New Agriculture, and in Room 420 Commerce Building:

*TABLE I—SCHEDULE OF BIDS AS RECEIVED FOR
ACOUSTICAL CORRECTION*

<i>Rooms to be Treated</i>	<i>Acoustical Engr. Corp.</i>	<i>Klein- Watson Co.</i>	<i>U. S. Gyp- sum Co.</i>	<i>Ralph Remick</i>	<i>Thos. Mould- ing Acous- Engr. Co.</i>	<i>Armstrong Cork & Ins. Co.</i>
	<i>Cost</i>	<i>Cost</i>	<i>Cost</i>	<i>Cost</i>	<i>Cost</i>	<i>Cost (No quo- tation)</i>
Men's Gymnasium...	\$6 157 00	\$5 015 00	\$6 318 00	\$6 885 00	\$6 800 00	
Woman's Gymnasium (Woman's Building)	3 310 00	3 264 00	3 172 00	3 888 00	3 840 00	\$4 925 00
No. 103 New Agricul- ture Building.....	324 00	734 00	489 00	986 70	363 00	696 00
No. 420 Commerce Building.....	364 00	589 00	570 00	692 00	563 00	769 00
Guild Room (Lincoln Hall).....	579 00	593 00	587 00	711 00	460 00	969 00
<i>Totals.....</i>	<i>\$10 714 00</i>	<i>\$10 105 00</i>	<i>\$11 136 00</i>	<i>\$13 162 70</i>	<i>\$12 026 00</i>	<i>\$7 359 00</i>
<i>Deductions if all under one contract.....</i>		334 82				148 00
		net \$9 860 18				\$7 211 00
Cost per unit of ab- sorption based on manufacturers' rat- ing for absorption values for materials	\$0 873	\$0 867	\$1 09	\$1 16	\$1 19	\$1 40

These bids were received from different companies on their respective materials. There are no coefficients of sound absorption available which are strictly comparable for the materials upon which the two lowest bids are based. Tests were made in our Physics Laboratory on the relative sound absorption in the Johns-Manville Company Sanacoustic Tile on which the Acoustical Engineering Corporation is bidding, and upon the BB Celotex on which the Klein-Watson Company is bidding. The figures given in the schedule are the bids submitted by these firms, but the decision is based on the bids revised in accordance with the coefficients as determined by our tests.

The analysis shows that the Acoustical Engineering Corporation is the lowest bidder and, as its material has other advantages for the gymnasiums over that proposed by its competitors, the Supervising Architect recommends that the contract be awarded to the Acoustical Engineering Corporation for the several rooms scheduled at a total cost of \$10,796.29. Certain minor adjustments in these figures will have to be made when the actual number of square feet of material to be installed can be determined.

I concur in this recommendation.

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

ADDITIONS TO THE CONTRACT FOR THE MEDICAL AND DENTAL LABORATORIES BUILDING

(23) The Supervising Architect recommends the addition of the following items to the W. E. O'Neil Construction Company's contract for the erection of the Medical and Dental Laboratories Building:

Changing glass in larger sash from double strength to plate glass. . . . \$4 000

(This will result in a deduction of at least \$1500 on the Kawneer Company's contract, due to the elimination of muntins, so that the net increase in cost to the University will be \$2500)

Plastering of partitions above the glazed tile wainscoting in 95 rooms.. 5 397

Furnishing and installing 24 display cabinets in one of the corridors... 1 176

Total.....\$10 573

Funds for these items are available in the appropriation for this building.

I recommend approval.

On motion of Dr. Noble, this recommendation was adopted.

PAYMENT FOR ARCHITECTURAL SERVICES ON SECOND UNIT OF MEDICAL AND DENTAL LABORATORIES BUILDING

(24) The Supervising Architect submits a statement from Granger and Bollenbacher for professional services rendered in the preparation of preliminary studies for the proposed second unit of the Medical and Dental Laboratories Building, the amount involved being five thousand dollars, which is one-half of the total amount appropriated for these preliminary studies. He recommends approval of this payment.

I concur in the recommendation.

On motion of Mrs. Evans, this payment was authorized.

CANADIAN PATENT ON RADIO TRANSMISSION

(25) The Secretary reports the receipt of the following letter:

March 9, 1931

University of Illinois, Board of Trustees, Urbana, Illinois

GENTLEMEN:

We are enclosing herewith original Canadian Letters Patent No. 309,020, which issued to you on March 3, 1931, as assignee of Hugh A. Brown.

If you do not manufacture in Canada, others there may, after three years, compel the grant of license thereunder.

Whether you manufacture or import there under the patent, each article sold or offered for sale there must bear the marking "Patent No. 309,020, 1931."

Kindly acknowledge receipt of the original Canadian Letters Patent, and oblige.

Yours very truly,

BROWN, JACKSON, BOETTCHER, & DIENNER

On motion of Mr. Armstrong, this matter was referred to the faculty committee on patents for consideration and report.

RADIO STATION

(26) A report on the operation of the radio station.

This report was received for record.

OPENING OF GOODWIN AVENUE

(27) A request for reconsideration of the action opening Goodwin Avenue south of Nevada Street.

This matter was referred to the Committee on Buildings and Grounds for consideration and report.

INSURANCE ON SECURITIES IN ESCROW

(28) A recommendation of the Comptroller that the securities in which the endowment of the McKinley professorship is invested be insured in the National Surety Company at a cost of \$258 a year. By requirement of the deed of gift, these securities are held in escrow by the Trevett-Mattis Banking Company.

On motion of Mr. Williams, this insurance was authorized, the premium to be paid from the income from the securities.

THIRD UNIT OF WOMAN'S RESIDENCE HALLS

(29) The Supervising Architect has prepared general plans for the third unit of the Woman's Residence Halls, estimated to cost \$250,000 without furnishings.

On motion of Mrs. Evans, the Board approved in general the designs submitted, and instructed the Supervising Architect to prepare working drawings and to report progress from time to time.

PURCHASE OF TURNER PROPERTY

(30) A recommendation that the Turner property on Goodwin Street be purchased for \$9000. There is a mortgage for \$2500 on this property, which may be left, so that the present expenditure need be but \$6500.

On motion of Dr. Noble, this purchase was authorized. The appropriation of \$9000, or so much thereof as may be necessary, was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

PURCHASE OF PROPERTY ON SPRINGFIELD AVENUE

(31) A piece of property on Springfield Avenue, which may be used as a cooperative rooming house for girls, is offered.

This matter was referred to the Committee on Student Welfare for consideration and report.

EXTRAS ON PRESIDENT'S HOUSE

Professor White read a letter to President Barr recommending that \$5000 additional be appropriated for extras in the contract for the President's House. This includes \$3150 out of \$8900 for extras recommended by Mr. Platt, and certain items recommended by Professor White.

March 12, 1931

Mr. George A. Barr, President of the Board of Trustees, University of Illinois

DEAR MR. BARR:

In the course of the detailing of the interior work in the President's House, Mr. Platt has elaborated the work so as to involve a large number of extras. Some of these obviously were advantageous and well worth while. We have, however, estimates from the general contractor amounting to \$8900 for extras which have not been authorized.

In designing the interior, Mr. Platt has of course designed it all harmoniously, and we are now finding it difficult to eliminate one extra without revising adjacent details. I wish it might be possible for us to carry this house thru in its entirety in accordance with Mr. Platt's ideas, but as there must be a limit, I suggest that, of this \$8900 worth of extras, a list of which is enclosed, you approve about \$3150 worth. There are other extras in sight amounting to \$1350, the oil burner will cost \$1000, and our office expense to complete will be about \$2000. These figures total \$7500, and we have at present a \$3500 free balance in the appropriations already made, with a few other extras probable.

I therefore recommend that an additional appropriation of \$5000 be made, with the anticipation that this will cover the completion of the house to the point where it will be taken over by the decorator and furnisher, and I am leaving the lighting fixtures to be included in the decorating and furnishing item.

I wish very much that members of the Board might find time to look over in some detail the extras involved so that they will not be entirely dependent upon my recommendation in the matter.

Very truly yours,

JAMES M. WHITE
Supervising Architect

President Chase stated that he did not feel that such elaboration of detail was necessary, and that as few extras as possible should be authorized.

On motion of Mr. Williams, the appropriation of \$5000 from the Reserve and Contingent Fund was made as recommended, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Barrett, Mrs. Evans, Mrs. Grigsby, Mrs. Hopkins, Dr. Noble, Mr. Williams; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Williams, Mr. Trees.

COMMITTEES ON PATENTS AND LANDSCAPING

President Barr announced the appointment of the standing Committee on Patents and of the sub-committee on Landscaping the Campus as follows:

Patents—Mr. BARRETT, Chairman, Mr. ARMSTRONG, Mr. WILLIAMS.
Landscaping—Mrs. HOPKINS, Chairman, Mr. ARMSTRONG, Mr.

TREES.

STANDING COMMITTEES

In accordance with the By-Laws, the standing committees for 1931-32, appointed by President Barr on March 18, 1931, are printed here:

Buildings and Grounds—JAMES W. ARMSTRONG, Chairman, MERLE J. TREES, Mrs. LAURA B. EVANS, WALTER W. WILLIAMS, Mrs. MARJORIE ROBBINS HOPKINS.

Sub-committee on Landscaping—Mrs. MARJORIE ROBBINS HOPKINS, Chairman, JAMES W. ARMSTRONG, MERLE J. TREES.

Finance—MERLE J. TREES, Chairman, EDWARD E. BARRETT, Mrs. HELEN M. GRIGSBY.

Patents—EDWARD E. BARRETT, Chairman, JAMES W. ARMSTRONG, WALTER W. WILLIAMS.

Chicago Departments—WILLIAM L. NOBLE, Chairman, EDWARD E. BARRETT, Mrs. MARJORIE ROBBINS HOPKINS.

Student Welfare—Mrs. LAURA B. EVANS, Chairman, WALTER W. WILLIAMS, Mrs. MARJORIE ROBBINS HOPKINS.

Affiliated Student Activities—MERLE J. TREES, Chairman, Mrs. HELEN M. GRIGSBY, WILLIAM L. NOBLE.

Alumni—JAMES W. ARMSTRONG, Chairman, Mrs. LAURA B. EVANS, EDWARD E. BARRETT.

Agriculture—WALTER W. WILLIAMS, Chairman, Mrs. HELEN M. GRIGSBY, Mrs. LAURA B. EVANS.

TIME OF APRIL MEETING

On motion of Mr. Armstrong, it was voted to hold the April meeting at the Blackstone Hotel, in Chicago, at 10 a.m. on Wednesday, April 8, 1931.

APPOINTMENTS MADE BY PRESIDENT CHASE

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

Amtman, Leo E., Instructor in Internal Medicine, in the College of Medicine, beginning March 10, 1931, and continuing until September 1, 1931, without salary. (March 13, 1931)¹

Andrews, John Harley, Assistant in the Bureau of Business Research, for five months beginning February 16, 1931, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (February 19, 1931)

Berdahl, Mrs. Evelyn Tripp, Assistant in English, on two-thirds time, beginning February 1, 1931, and continuing until Dr. Rinaker's return, and not later than July 1, 1931, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (February 12, 1931)

Bradley, C. W., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 6, 1931)

Conard, Vera, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 6, 1931)

Conard, Vera, Assistant in Chemistry, on one-half time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes her previous appointment). (February 19, 1931)

Cook, Richard Kaufman, Assistant in Physics, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (February 6, 1931)

Filbert, Carl, Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 25, 1931)

Finger, G. C., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 6, 1931)

Fox, Noah, Instructor in Otolaryngology, in the College of Medicine, beginning February 15, 1931, and continuing until September 1, 1931, without salary. (February 17, 1931)

Gibbs, Carlin Frary, Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Gingrich, Franklin Forrest, District Junior Club Leader, in the Agricultural Extension Service, in the College of Agriculture, for six months beginning March 1, 1931, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (it is understood that the yearly salary of \$3000 includes \$700 for automobile expense at 5c per mile actually traveled; in case this amount is more or less than the total actual mileage expense, the difference shall be adjusted on the last salary warrant). (February 18, 1931)

Hale, J. B., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 6, 1931)

Hamp, LeRoy Raymond, Associate in Voice, in the School of Music, on one-third time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 7, 1931)

Hanson, Henry Arthur, Assistant in Mathematics, on one-half time, beginning February 11, 1931, and continuing until July 1, 1931, at a cash compensation of three hundred seventy-five dollars (\$375). (February 12, 1931)

Hardin, Ruth, Assistant in the Loan Department of the Library, beginning February 10, 1931, and continuing until August 31, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (February 16, 1931)

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

Hartley, Miles C., Assistant in Mathematics, on one-third time, beginning February 11, 1931, and continuing until July 1, 1931, at a cash compensation of two hundred fifty dollars (\$250). (February 12, 1931)

Heckman, Harry W., Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 9, 1931)

Herrmann, J. A., Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 6, 1931)

Heslip, Malcolm Farnsworth, Assistant in Business Organization and Operation, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 18, 1931)

Hobart, Clyde Monroe, Assistant in Mathematics, on one-half time, beginning February 11, 1931, and continuing until July 1, 1931, at a cash compensation of three hundred seventy-five dollars (\$375). (February 12, 1931)

Hoffman, Arnold, Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 6, 1931)

Houghton, A. V., Assistant in Sociology, on one-half time, for five months beginning February 1, 1931, at a cash compensation of three hundred fifty dollars (\$350) (this supersedes his previous appointment). (February 12, 1931)

Jacquin, Mrs. Frances S., Assistant in Journalism, on one-half time, for four months beginning March 1, 1931, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (March 12, 1931)

Kluge, Ralph W., Special Research Assistant in Civil Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1931, and continuing until further notice, at a cash compensation at the rate of two hundred ten dollars (\$210) a month (this supersedes his previous appointment). (February 9, 1931)

Kratz, Ethel, to give instruction in Library Science in the Summer Session of 1931, on three-fourths time, beginning June 22 and ending August 15, 1931, at a cash compensation of three hundred dollars (\$300) for the session. (March 3, 1931)

Lee, Shison Chinglin, Research Assistant in Agricultural Economics, in the Agricultural Experiment Station, beginning February 11, 1931, and continuing until August 31, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 18, 1931)

Leonard, Naomi, Bookkeeper in the Auditing division of the Business Office, for six months beginning March 1, 1931, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (February 18, 1931)

Lindeman, Marvel Fred, Instructor in Civil Engineering, in the College of Engineering, for five months beginning February 1, 1931, at a cash compensation at the rate of two hundred ten dollars (\$210) a month. (February 9, 1931)

Lockett, John A., Assistant in Zoology, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (February 12, 1931)

McCoy, R. H., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Meints, R. E., Assistant in Chemistry, on three-fourths time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this supersedes his previous appointment). (February 19, 1931)

Miller, Edwin L., Assistant in Zoology, on three-fourths time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred thirty-five dollars (\$135) a month (this supersedes his previous appointment). (February 12, 1931)

Millhouse, George, Jr., Assistant in English, on two-thirds time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes his previous appointment). (February 12, 1931)

Moorman, Robert Burrus Buckner, Special Research Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1931, and continuing until further notice, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month. (February 6, 1931)

Page, John L., Associate in Geology, for seven months beginning February 1, 1931, at a cash compensation at the rate of two hundred thirty-three dollars thirty-three and one-third cents (\$233.33 $\frac{1}{3}$) a month (this supersedes his previous appointment). (February 7, 1931)

Parsons, Theophilus, Jr., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Phelps, Frederick M., Jr., Assistant in Economics, in the College of Commerce, on one-half time, for five months beginning February 1, 1931, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 6, 1931)

Porter, David J., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 25, 1931)

Robertson, Pauline, Assistant in Chemistry, on one-half time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes her previous appointment). (February 19, 1931)

Rogers, Carolyn Ruth, Assistant in Mathematics, on two-thirds time, beginning February 9, 1931, and continuing until July 1, 1931, at a cash compensation of five hundred dollars (\$500). (February 6, 1931)

Rucker, H. J., Instructor in Agricultural Education, on three-fourths time, for seven months beginning February 1, 1931, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this supersedes his previous appointment). (February 10, 1931)

Sarkissian, Arshag Ohan, Assistant in History, on one-half time, beginning February 11, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 25, 1931)

Schauer, F. R., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Schneider, Elizabeth, Assistant in English, on one-third time, for five months beginning February 1, 1931, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 19, 1931)

Scholfield, Lydia M., Assistant in Chemistry, on one-fourth time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 19, 1931)

Stith, Gertrude Ernestine, Assistant in Mathematics, on two-thirds time, for five months beginning February 1, 1931, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (February 12, 1931)

Summerville, Milton J., Assistant in Obstetrics and Gynecology, in the College of Medicine, on one-fourth time, for six months beginning March 1, 1931, at a cash compensation at the rate of thirty-three dollars thirty-three and one-third cents (\$33.33 $\frac{1}{3}$) a month (this supersedes his previous appointment). (March 11, 1931)

Thomasson, Arnold Lee, Teacher in the University High School, on one-half time, beginning February 11, 1931, and continuing until June 11, 1931, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 13, 1931)

Will, Samuel Frederic, Assistant Professor of Romance Languages, for two years beginning September 1, 1931, at a cash compensation of thirty-five hundred dollars (\$3500) a year. (February 19, 1931)

Woodward, C. F., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1931, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 6, 1931)

Woodward, C. F., Assistant in Chemistry, on one-half time, beginning February 15, 1931, and continuing until June 30, 1931, at a cash compensation at the rate of sixty dollars (\$60) a month (this supersedes his previous appointment). (February 19, 1931)

The Board adjourned.

H. E. CUNNINGHAM

Secretary

GEORGE A. BARR

President