

## **Meeting of June 9, 1914.**

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The quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, on Tuesday, June 9, 1914, beginning at 10 A.M.

The following members were present: Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Dr. Montgomery, Mr. Moore, Mr. Trevett and Miss Watson. President James was present, and, also, during the greater part of the day, Prof. J. M. White, Supervising Architect.

### **APPROVAL OF MINUTES.**

The secretary presented the minutes of the special meeting of April 22, 1914. On motion of Mrs. Henrotin, the minutes were approved as printed on pages 745-752.

### **MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.**

The President of the University presented the following matters:

#### **PURCHASE OF BARNES AND FORBES PROPERTIES.**

(1) A statement that, in accordance with the directions of the Board of Trustees, the comptroller had purchased:

1. The property in Champaign known as the Barnes lots, bounded on the east by Wright Street, on the south by Healy, on the west by Sixth and on the north by the interurban right-of-way, described in the deed as "Block 6 of J. S. Wright's addition to the city of Champaign, except the north 14 feet of said Block 6." The sum of \$14,000 will be paid for these lots.

2. The property in Urbana known as the Forbes property, consisting of two lots and the dwelling-house thereon, lying north of the interurban right-of-way, south of Springfield Avenue, and directly east of Matthews Avenue. The sum to be paid for this property is \$10,000.

#### **BOTANY AND ZOOLOGY LABORATORIES.**

(2) A request for authority to proceed with the construction of the botany and zoology laboratories.

Professor White stated that the original intention of placing the greenhouse, insectary, and vivarium for the Departments of Botany and Zoölogy on the Forbes property had been found impracticable, and that it would be necessary to devote the Forbes property to the work in botany, and to give over the Barnes property, with the exception of a strip along the interurban tracks which was reserved for a storehouse, to the work in entomology and zoölogy. Professor White presented the detailed plans for both buildings. Professor Forbes, of the Department of Entomology; Professors Zeleny and Ward, of the Department of Zoölogy, and Professors Hottes and Stevens, of the Department of Botany, presented, in the order in which their names appear, the work to be done by their departments in the proposed buildings.

On the recommendation of President James and on motion of Dr. Montgomery, the plans for the Botanical Laboratory, including the reconstruction of the Forbes house, the building of the glasshouses, and the installation of equipment as recommended by the supervising architect, were approved, and the supervising architect was authorized to proceed with the construction of the laboratory at an estimated cost of twenty thousand dollars (\$20,000).

The appropriation was made by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

On the recommendation of President James and on motion of Mrs. Henrotin, the plans for the Zoölogical Laboratory were approved, and the supervising architect was authorized to proceed with the construction of the laboratory and pond and insectary on the Barnes property at an estimated cost of forty-five thousand dollars (\$45,000). The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

#### RELEASE OF MINOR BUILDINGS.

Professor White presented a letter from Mr. James B. Dibelka, State Architect, under date of November 3, 1913, and requested that the following paragraph be printed in the minutes:

"Replying to your favor of the 1st, I am not including the library nor the boiler-house, nor any other minor work."

Professor White stated that he had interpreted this to release the plans for the smaller buildings, such as the laboratories for the Departments of Botany and Zoölogy and others of about the same cost.

#### PROPOSED SALE OF LAND.

Mr. Trevett stated that he had been asked whether the University would sell the north eighty acres of the Busey quarter-section recently purchased by the University. Mr. Trevett moved that the Finance Committee be authorized to sell the eighty acres in question for one hundred twenty thousand dollars (\$120,000). The motion was rejected by the following vote: Ayes, none; noes, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Miss Watson; not voting, Mr. Abbott, Mr. Trevett; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

The board took a recess at 12:30 p.m. for luncheon.

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#### AFTERNOON SESSION.

When the board re-convened at 1:45 p.m., the same members were present as during the morning session.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

The board proceeded to the consideration of the following matters presented by President James:

(1) A statement concerning the graduation of Mr. Foster North, a former student of the class of 1885 who was dismissed from the University after he had completed thirty-seven credits for refusal to attend chapel.

On motion of Mrs. Henrotin, it was voted that the board would approve a recommendation to confer the degree of B.S. on Mr. Foster North, as of the class of 1885.

#### SITE ASSIGNED FOR GREGORY MEMORIAL BUILDING.

(2) The following letter from Dr. Thomas J. Burrill:  
*Edmund J. James, President, University of Illinois.*

DEAR SIR: As you know, the Memorial Committee of the Alumni Association has agreed to try to raise \$150,000 for a Gregory Memorial Building and Art Collection and has started activities upon the understanding that the trustees will furnish a site on the campus for such building.

On behalf of the committee and of the association, I hereby request that action be taken by the trustees in effect like the following:

Since the Alumni Association of the University of Illinois has undertaken through regularly constituted channels to raise \$150,000 for a Gregory Memorial Building and Art Collection and has expressed a preference for a building site, therefore be it resolved:

(1) That the action of the Association in this relation meets our hearty commendation and approval.

(2) That the site represented on the new campus plans by the east and west wing of the L-shaped building ground plan west of the Auditorium and south of Lincoln Hall be assigned for said memorial building, and that permission is hereby given for the publication of such assignment.

This definite action is asked for as an aid in conducting a campaign for subscriptions and to show the favor of the trustees. I may say that I visited last week the University of Michigan, where such a memorial building has recently been erected on the campus at the expense jointly of the Alumni Association and the Board of Regents (Trustees), the latter contributing \$50,000 of the total cost of \$206,000. It too is used in large part for art collections, of which they now have a fine display. The building, which is a notable one, and its contents are a great inspiration to the higher life of the University.

Very truly yours,

T. J. BURRILL,  
*Director of Campaign.*

On the recommendation of President James and on motion of Mr. Hoit, the board voted to approve the request of Dr. Burrill and to assign the site immediately west of the Auditorium and south of Lincoln Hall as a location for the proposed Gregory Memorial Building.

#### SITE ASSIGNED FOR SMITH MEMORIAL MUSIC BUILDING.

(3) The following communication from Mr. Thomas J. Smith, a former trustee of the University:

URBANA-CHAMPAIGN, ILL., June 8, 1914.

To the Board of Trustees, University of Illinois:

It has been my purpose, for a little more than ten years past, to provide means for the erection of a music building on the grounds of the University of Illinois as a memorial building to my wife. Inasmuch as she was something of a musician herself and was greatly interested in the success and welfare of the University, and an absolutely devoted friend of the University, I know of no better way to perpetuate her memory than to say to the Board of Trustees that I have provided in my will, such sum of money as may result from the closing of my estate, after the payment of expenses and minor bequests, which I am hoping shall not be less than \$200,000. While I am in no sense a musician, there is nothing dearer to my heart than the development of music. It is the greatest thing in the world and contributes more to the happiness and pleasure of people than anything within my knowledge, aside from the necessary living expenses of human beings.

I am aware that building space on the campus is becoming a matter of great concern to the Board of Trustees and to the authorities of the University, and I make this communication to the board, asking that if the board approves the enterprise which I propose, they make an assignment of space for the erection of a building which I hope may soon materialize.

I have been shown the site, by the President and Professor White, east of the Auditorium, corresponding to the site west of the Auditorium which the alumni desire for the Gregory Memorial Building, and the site is very satisfactory to me. I would therefore ask that, if the board favorably considers these suggestions, the particular space of ground be assigned for that building.

Most respectfully submitted,

THOMAS J. SMITH.

On the recommendation of President James and on motion of Dr. Montgomery, the site immediately east of the Auditorium was assigned as a location for the Tina Weedon Smith Memorial Building for the School of Music. The President of the University was instructed to convey to Mr. Smith the thanks and appreciation of the Board of Trustees.

#### LOCATION OF WOMEN'S RESIDENCE HALLS.

At this point the question of the location of the women's residence halls was introduced. Mrs. Busey offered the following resolution:

*Resolved*, That the board express its preference for the Nevada Street site for the Women's Residence Hall and direct the Finance Committee to secure options for the purchase of lots 23, 24 and 25 on the south side of Nevada Street, between Matthews and Lincoln avenues.

Mrs. Evans moved to amend by the substitution of the Armstrong site for the Nevada Street site. The amendment was lost by the following vote: Ayes, Mrs. Evans; noes, Mr. Abbott, Mrs. Busey, Mr. Hoit, Mr. Montgomery, Mr. Moore; not voting, Mrs. Henrotin, Mr. Trevett, Miss Watson; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

The original motion was then passed by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mrs. Evans; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

#### MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY.

President James resumed the presentation of matters for the consideration of the board as follows:

##### HEATING APPARATUS FOR ARMORY.

(4) A schedule of bids for the heating apparatus for the new Armory, with a recommendation from the Supervising Architect that the contract be awarded to the low bidders, the Carson-Payson Company, and that the contract for temperature control be awarded separately to the Powers Regulator Company.

##### SCHEDULE OF BIDS.

	Bid.	<i>Deduct.</i> Tem. control.	Net amount.	Time completed.
Carson-Payson, Cham- paign .....	\$17,300 00	\$1,100 00	\$16,200 00	Oct. 15, 1914
Reliable Plumbing & Heating Co. ....	17,500 00	1,172 00	16,328 00	Sept. 10, 1914
Fitzpatrick & Hoepfner, Columbus, Ohio.....	17,639 00	900 00	16,739 00	Jan. 1, 1915
Urbeuer-Atwood Heating Co., St. Louis, Mo.....	17,350 00	1,050 00	16,300 00	Dec. 1, 1914

On motion of Mr. Hoit, the contract for furnishing and installing the heating apparatus in the new Armory was awarded to the Carson-Payson Company, for the sum of sixteen thousand two hundred dollars (\$16,200), by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

##### TEMPERATURE CONTROL FOR ARMORY.

On motion of Mr. Moore, the contract for furnishing and installing the apparatus for temperature control in the new Armory was awarded to the Powers Regulator Company, for the sum of nine hundred seventy dollars (\$970), by the following vote: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mr. Dunne, Mr. Meeker.

At this point Mrs. Busey withdrew.

##### CONCRETE FLOOR AND STUCCO ENDS FOR ARMORY.

(5) A recommendation from the Supervising Architect that the items of six thousand dollars for a concrete floor in the new Armory, and of one thousand five hundred thirty-two dollars for the application of stucco with a cement gun to the ends of the Armory, which were incorporated in the original bid of N. H. Shields for the construction of the ends of the Armory but which were not accepted by the board when the contract was awarded, be now accepted. [See page 699.]

On motion of Mr. Hoit, the supervising architect was authorized to award a contract to Mr. N. H. Shields for a concrete floor in the Armory for six thousand dollars (\$6,000) and for the use of the cement gun in applying stucco to the ends of the Armory for one thousand five hundred thirty-two dollars (\$1,532). The vote (taken separately on each item) was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

##### STUCCO FINISH FOR NORTH AND SOUTH SIDES OF ARMORY.

(6) A recommendation from the Supervising Architect that the north and south sides of the Armory be finished with stucco applied with the cement gun at a cost of twenty-five hundred dollars.

On motion of Mrs. Henrotin, the supervising architect was authorized to contract for the finishing of the north and south sides of the Armory with stucco applied with the cement gun, at a cost of twenty-five hundred dollars (\$2500). The vote was as follows: Ayes, Mr. Abbott, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mrs. Evans; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### LIGHTING SYSTEM FOR THE ARMORY.

(7) A recommendation from the Supervising Architect that the sum of five thousand dollars be appropriated for the installation of the lighting system in the new Armory.

On motion of Mrs. Evans, the sum of five thousand dollars (\$5,000) was appropriated for the installation of the lighting system in the Armory. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### DOUBLE GLAZING WINDOWS IN ENDS OF ARMORY.

(8) A recommendation from the Supervising Architect that the sum of seven hundred dollars be appropriated for double glazing the windows in the ends of the Armory.

On motion of Mr. Hoit, the sum of seven hundred dollars (\$700) was appropriated for double glazing the windows in the ends of the Armory, by the following vote: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### PROPOSED DESIGN FOR EDUCATION BUILDING.

(9) A communication from Mr. James B. Dibelka, State Architect, with a sketch of the design for the building for the School of Education.

After inspection of the plans and discussion of the points involved in the construction of a building of the design submitted, the board voted, on motion of Mrs. Henrotin, to instruct the supervising architect to inform the State Architect that the design submitted was not satisfactory.

#### EXTENSION OF TUNNELS FOR HEAT AND LIGHT.

(10) A recommendation from Professor White that the sum of seventeen thousand six hundred dollars be appropriated for the extension of the tunnels for heat and light to the new buildings on the campus which will be ready for use next fall.

On motion of Mr. Moore, the sum of seventeen thousand six hundred dollars (\$17,600) was appropriated for the extension of the tunnels for heat and light to the new buildings on the campus which will be ready for use next fall. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### REPAIRS ON OLD ARMORY.

(11) A recommendation from the Supervising Architect that as soon as the Military Department is transferred to the new Armory the old Armory be turned over to the Department of Physical Training.

On motion of Dr. Montgomery, the recommendation of the supervising architect was approved and the sum of twenty-five hundred dollars (\$2,500) was appropriated for repairs and improvements necessary to fit the building for the use of the Department of Physical Training. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

**ORGAN LOFT FOR AUDITORIUM.**

(12) A recommendation from the Supervising Architect that the sum of nine thousand five hundred dollars be appropriated for preparing the Auditorium for the installation of the new pipe organ. This includes the organ-chamber, the grills and decorating, and also the work of remedying acoustic defects.

On motion of Mrs. Henrotin, the sum of nine thousand five hundred dollars (\$9,500) was appropriated for preparing the Auditorium for the installation of the pipe organ. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

At this point Mr. Abbott, being called from the room, asked Mr. Moore to take the chair.

**FINISHING ADDITIONAL ROOMS IN LINCOLN HALL.**

(13) A recommendation from the Supervising Architect that the northeast and southeast corner rooms on the top floor of Lincoln Hall be finished off for use, at a cost of one thousand dollars.

On motion of Mrs. Henrotin, the sum of one thousand dollars (\$1,000) was appropriated for finishing the northeast and southeast corner rooms on the top floor of Lincoln Hall. The vote was as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Abbott, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

At this point Mr. Abbott returned and resumed the chair.

**OPENING OF STREET THROUGH PHARMACY LOT.**

(14) A request from the Board of Local Improvements of the city of Chicago that the University of Illinois dedicate for the opening of a street a strip of land to the city from the lots which it owns on Fairfield Avenue and Forty-seventh Street in the city of Chicago.

On motion of Mrs. Evans, this request was referred to the President of the Board of Trustees for investigation and report.\*

**CHANGES IN MECHANICAL PLANT, COLLEGE OF MEDICINE.**

(15) A request from the Supervising Architect for authority to change the mechanical plant in the building of the College of Medicine in Chicago so as to make it a low pressure heating system, with the expectation of buying the electricity needed in the conduct of the college. The cost is estimated at \$5,080. It is believed that a saving of approximately \$2,000 a year may result from this change.

\* Since the meeting of the Board the Secretary has received the following report for the President of the Board concerning the opening of the street thru the Pharmacy lot—

June 30, 1914.

*Mr. H. E. Cunningham, Secretary, University of Illinois, Urbana, Ill.*

DEAR SIR: Agreeable to instructions given by the Board on April 22, I, in company with Professor Day, of the School of Pharmacy, inspected the lot owned by the University between Forty-seventh and Forty-eighth Streets and between Rockwell Street and California Avenue, in the city of Chicago. This inspection was made as a result of a notice received from the Board of Public Improvement of the city of Chicago, advising it was proposed to have Fairfield Avenue cut through from Forty-seventh to Forty-eighth Street, in which case one-half of the street, or a strip 33 feet wide, would be taken off of our property, reducing its width from 8 rods to 6 rods.

I find that the lot in question is located in that part of the city generally known as Gage Park, which, because of lack of drainage, is liable to be covered with water during rainy seasons, although these conditions have been somewhat improved of late by the construction of a large main sewer on Halsted Street about one-half mile distant from our property.

The streets in that locality are, for the most part, unimproved and there is a great deal of unsubdivided and vacant property in the neighborhood, and on the whole the property is not immediately desirable and offers very little promise for the near future; and if Fairfield Avenue is cut through, as is proposed, there will, in the course of time, follow assessments for improvements amounting to \$3,000 or \$4,000. But as the only hope for the property is to have it subdivided and sold off, and as this would be impossible without Fairfield Avenue being improved, both Professor Day and I favored having the street opened, and, at my request, Professor Day appeared before the Board of Public Improvements and stated to the Board that the University would donate a strip two rods wide providing the street were opened from Forty-seventh to Forty-eighth Street, and as no objection was raised at the hearing, Fairfield Avenue will probably be cut through; and I would suggest to the Board that it consider offering the lot for sale at a price which real estate experts would consider to be reasonable.

Respectfully submitted,

W. L. ABBOTT.

On motion of Dr. Montgomery, the supervising architect was authorized to change the heating plant in the building of the College of Medicine so as to make it a low pressure heating plant and to arrange for the purchase of electricity and for the sale of the discarded parts of the present equipment, and the sum of five thousand eighty dollars (\$5,080) was made to meet the expenses of the change. The vote was as follows: Ayes, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; not voting, Mr. Abbott; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### REMODELING CHEMISTRY LECTURE ROOM.

(16) A recommendation from the Supervising Architect that he be authorized to remodel the lecture-room in the present chemical laboratory so as to make the floor fireproof and provide ceiling light, which will be necessary because of the closing of some of the windows by the proposed addition to the chemical laboratory. The estimated cost is \$5,000.

On motion of Mr. Hoit, the supervising architect was authorized to let contracts for the remodeling of the chemistry lecture-room addition at a cost not to exceed five thousand dollars (\$5,000), the sum expended to be charged to the appropriation for the addition to the Chemistry Building. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### APPROPRIATION FOR CATALOGING IN LIBRARY.

(17) A request from the University Librarian for an appropriation of \$1,040 for extra service in the University library during the summer in order to expedite the work of cataloging, which is falling into arrears.

On the recommendation of President James and on motion of Mrs. Henrotin, the sum of one thousand forty dollars (\$1,040) was appropriated for extra service in the cataloging department of the University Library. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### CO-OPERATION CERAMICS INVESTIGATION.

(18) A request from Mr. R. T. Stull, Acting Director of the Courses in Ceramics, for an appropriation of \$2,000 for investigating the coal measure shales of the State, in cooperation with the State Geological Survey.

On the recommendation of President James and on motion of Mrs. Evans, the President of the University was authorized to approve bills to the amount of two thousand dollars (\$2,000), or such part thereof as may be necessary, for doing this work. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### TRANSFER OF AGRICULTURAL FUNDS.

(19) A recommendation from the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station that \$200 of the Hatch money appropriated to the nitrogen fixation experiments be transferred to the Department of Dairy Husbandry, and that \$70 of the Adams money for the administration fund be transferred to the Department of Animal Husbandry.

On motion of Mr. Hoit, this transfer of funds was ordered.

#### ADVISORY COMMITTEES, COLLEGE OF AGRICULTURE.

(20) A request from Dr. Eugene Davenport, Dean of the College of Agriculture and Director of the Agricultural Experiment Station, with reference to the constitution and appointment of certain advisory committees. This matter was presented to the board on December 13, 1913 (see page 669) and consideration was deferred at the request of Governor Dunne.

The Governor has indicated in letters to Dean Davenport and to me that he is in favor of the establishment of these advisory committees. The following letter has just been received from the Governor:

SPRINGFIELD, ILL., June 8, 1914.  
DEAR PRESIDENT JAMES: I have yours of the 6th instant, and regret to say that owing to the press of public business it will be impossible for me to be at the meeting of the Board of Trustees at Urbana, on Tuesday, June 9.

I am satisfied that the agricultural advisory committees are a valuable acquisition to the University officials, and am in favor of their continuance, provided they can be paid for out of the appropriation allowed the University.

Very truly yours,

E. F. DUNNE.

*Dr. Edmund J. James, President, University of Illinois, Urbana, Ill.*

On motion of Mr. Moore, the recommendations of the Dean of the College of Agriculture and Director of the Agricultural Experiment Station were adopted as printed above on page 669.

#### ENTRANCE REQUIREMENTS, SCHOOL OF PHARMACY.

(21) A recommendation that the requirements for admission to the School of Pharmacy of the University of Illinois be advanced to include graduation from an accredited high school with fifteen acceptable units, to be in effect for the academic year beginning September 1, 1916.

On motion of Mrs. Henrotin, this recommendation was approved.

#### ORGANIZATION OF ADDITIONAL COMPANIES IN THE CADET REGIMENT.

(22) The following letter from the Professor of Military Science:

April 1, 1914.

*The President, University of Illinois.*

SIR: I have the honor to request authority to organize four additional companies in the cadet regiment at the beginning of the next year, September, 1914. One company will be added to each battalion, necessitating twelve (12) extra officers and therefore twelve (12) military scholarships.

When 1,297 men actually drilling at the beginning of this semester in the 16 companies of infantry, we could have had 20 companies of 64 men each. General Order No. 70, War Department, Par. 22, states that companies should not ordinarily exceed 53 men which is the maximum of the National Guard companies.

These companies cannot be organized into a fifth battalion on account of scarcity of officers, but this can be done the following year and the addition of the new Army will facilitate the handling of another battalion.

Sixteen companies as at present gives an average of 81 per company, which is too large for proper handling by inexperienced officers. Similar companies will give greater efficiency in the regiment and cause the training of more officers for service with the reserves or volunteers.

Very respectfully,

F. D. WEBSTER,

*Major of Infantry, Professor of Military Science.*

On motion of Mrs. Evans, the commandant was authorized to organize four additional companies in the cadet regiment at the beginning of the next academic year, in September, 1914, with the understanding that twelve extra officers and twelve military scholarships shall be provided for in the budget for the coming year.

#### TRANSFER OF FUNDS TO ENGINEERING EXPERIMENT STATION.

(23) A request from the Dean of the College of Engineering for the transfer of \$900 from the appropriation for theoretical and applied mechanics in the College of Engineering to the appropriation for theoretical and applied mechanics in the Engineering Experiment Station.

On motion of Dr. Montgomery, this transfer was ordered.

#### RESEARCH UPON SPECIAL COMMERCIAL PROBLEMS.

(24) A letter from the Dean of the Graduate School concerning the policy of using money to conduct research upon special commercial problems.

April 29, 1914.

*President E. J. James.*

DEAR MR. PRESIDENT: A year ago certain difficulties arose in connection with the work of a student employed in doing so-called research work for the canning industry when he attempted to count his work towards the master's degree. The executive faculty of the Graduate School has discussed from time to time the whole proposition of accepting money to conduct research upon special commercial



problems, and at its meeting on Friday, April 24, voted to make the following recommendation:

1. That no arrangements for accepting money from private sources, to be paid out as a fellowship stipend in return for the prosecution of research in any line, shall be completed without the approval of the executive faculty of the Graduate School.

2. That no donation of money shall be accepted by the University from private sources for the purpose of prosecuting research in any lines in which the donors are commercially interested, except on the agreement that the results of the research are the property of the University and must be treated like other scientific research, in so far as concerns the right of the University to publish them or not to publish them, without reference to the needs or wishes of the donor of the gift.

I submit this with the request that it be transmitted, if you approve, to the Board of Trustees for adoption as declaring the policy of the University in such matters.

Very truly yours,

DAVID KINLEY.

On motion of Dr. Montgomery, the foregoing action of the Executive Faculty of the Graduate School was approved.

#### OFFER FROM GENERAL ELECTRIC COMPANY.

(25) The following statement:

Professor Ernst Julius Berg has requested me to ask the Board of Trustees whether they would be willing for the General Electric Company, of Schenectady, N. Y., to make an arrangement with a member of the staff of the Engineering Experiment Station, by which he should take out a patent on a certain valuable discovery which he seems to have made in the course of his investigations. It is understood that if he does he will assign the patent to the General Electric Company.

They will undertake to reimburse the University for the expense involved in the work which the member of the staff has been carrying on, including his salary during the time he was making this investigation. They will also pay him a certain sum for his work and offer him a position with the company.

The discovery he has made is, of course, of problematical value. In the opinion of the company, it would have no special value if simply published as an ordinary scientific bulletin, since it would take a large sum of money to determine by actual experiment on a commercial scale whether the discovery has any practical significance, and no individual or company will undertake to make this experiment unless it could be reasonably sure that if it turned out to be valuable, it could have control of the discovery, at least for a time, which would return to the company the expenditure involved in the experimentation.

It is believed by the company that it would be well to adopt some such plan in connection with scientific investigation in the University laboratories; i. e., a scheme under which the University would receive back the money expended upon such investigation, under which the investigator should have the opportunity of a special pecuniary return for his work, and under which it would be possible to secure the practical utilization of such discoveries which would generally depend upon the possibility of having exclusive use of such discoveries or possible inventions for a limited time.

I doubt whether such an arrangement would commend itself to the people of the State of Illinois, and I shall refuse the offer unless the board otherwise directs.

No action was taken concerning this matter.

#### STREET CAR LINE EAST OF FORESTRY.

(26) A request from Hon. William B. McKinley, on behalf of the Urbana Railway, Gas and Electric Company, for permission to run a street car line south on Lincoln Avenue on the parking east of the Forestry.

On the recommendation of President James and on motion of Mr. Hoit, this request was referred to the Committee on Buildings and Grounds for consideration and report.

#### GIFT OF COLLECTION OF ALGAE.

(27) A letter from Professor Trelease stating that Mrs. Mary Snyder, of LaJolla, Cal., has presented to the Department of Botany of the University a complete set of one of the great published collections of algae—the *Phycotheca Boreali-Americana* of Collins, Holden, and Setchell.

On motion of Mrs. Evans, the gift was accepted and the President of the University was authorized to express the thanks of the Trustees of the University for this gift.

#### REAPPROPRIATION OF AGRICULTURAL FUNDS.

(28) A recommendation that the balances of the receipts in the College of Agriculture amounting to \$1,665.90, and in the Agricultural Experiment Station,

amounting to \$8,308.57, which lapsed under the rule of the board concerning the appropriation of balances on June 30, 1913, be reappropriated to the respective departments in the conduct of whose business the amounts were received.

On motion of Mr. Hoit, the lapsed balances in the College of Agriculture, amounting to one thousand six hundred sixty-five dollars and ninety cents (\$1,665.90), and in the Agricultural Experiment Station, amounting to eight thousand three hundred eight dollars and fifty-seven cents (\$8,308.57), were reappropriated to the respective departments in which they had been received. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ADDITIONAL APPROPRIATION FOR EMERGENCY HOSPITAL.

(29) A recommendation that a supplementary appropriation of \$1,500 be made to defray the expenses connected with the establishment and conduct of the emergency hospital and the measures which were taken in the scarlet fever situation.

On motion of Mr. Hoit, the sum of fifteen hundred dollars (\$1,500), or so much thereof as may be necessary, was appropriated to defray the expenses of the emergency hospital. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### ALLEY VACATED.

(30) A statement concerning the alley on the site of the Education Building: The City Council of Urbana vacated an alley running through the proposed site of the School of Education Building on condition that the Board of Trustees provide a new alley running to the south. [See minutes of the meeting of March 10, 1913, page 723.]

I recommend that the officers of the Board of Trustees be authorized to convey to the city of Urbana, for the use of the public as an alleyway, a strip of ground from the east side of Lot 8 and west side of Lot 9, in Block 55, in the Seminary Addition to the city of Urbana, of a uniform width of 16½ feet, and extending from the north line of said lots to Springfield Avenue.

On motion of Mr. Moore, the officers of the board were authorized to convey the strip of ground described above to the city of Urbana. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Moore, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker.

#### RECOMMENDATIONS OF THE UNIVERSITY SENATE.

(31) The following recommendations of the University Senate:

##### CERAMICS TRANSFERRED TO THE COLLEGE OF ENGINEERING.

(a) A recommendation that the administration of the Courses in Ceramics be transferred, as soon as may be convenient, from the College of Liberal Arts and Sciences to the College of Engineering.

On the recommendation of President James and on motion of Mr. Hoit, the President of the University was authorized to transfer the administration of the Courses in Ceramics to the College of Engineering.

##### DEGREE OF BACHELOR OF SCIENCE IN THE COLLEGE OF MEDICINE.

(b) A recommendation that the faculty of the junior college of the College of Medicine be authorized to recommend as candidates for the Degree of Bachelor of Science, those students who offer two years of acceptable college work for admission to the College of Medicine and complete the two years of scientific work in medical subjects and subjects preparatory to medicine which are offered in the junior college; with the understanding that the same students, upon the completion of the two additional years in clinical work offered in the senior college, may be recommended by the faculty of the senior college for the Degree of Doctor of Medicine.

On the recommendation of President James and on motion of Mrs. Evans, authority was granted the junior college of the College of Medicine to recommend candidates for the degree of Bachelor of Science as requested.

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION.

(c) The following resolution:

That it is the sense of the Senate that the business courses of the University should be organized as a separate college of commerce and business administration, or under some other name of like import.

On the recommendation of President James and on motion of Mrs. Henrotin, the above recommendation was approved and the President of the University was authorized to proceed as rapidly as may be convenient with the organization of such a college.

REQUIREMENTS FOR ADMISSION.

(d) A recommendation that on and after September 1, 1916, all students must present 15 acceptable units of high school work for admission to the University. For the year beginning September 1, 1915, a student who lacks 1 of the 15 units required for matriculation may be entered as a conditioned freshmen, but this condition must be removed during the first year.

Candidates for admission without examination must be graduates of accredited secondary schools. Candidates for admission who present 15 units from approved secondary schools but who are not graduates of the same must be examined in the following subjects:

	Units.
English .....	3
Algebra .....	1

Additional subjects amounting to 3 units to be chosen by the University authorities controlling entrance examinations.

An application for admission to the University in the courses leading to the degrees of Bachelor of Arts, Bachelor of Science, and Bachelor of Music, must offer fifteen (15) acceptable units of high school or other secondary school work so chosen as to include:

I. Certain subjects, comprised in List A, prescribed by all the undergraduate colleges, namely:

	Units.
English literature and composition .....	3
Algebra .....	1
Plane geometry .....	1
Physics, or chemistry, or botany, or zoölogy, or physiology, with laboratory work .....	1
Total prescribed by all colleges .....	6

II. Certain subjects prescribed in addition for the individual college which the student wishes to enter:

	Units.
For the College of Liberal Arts and Sciences for the courses leading to the Degree of Bachelor of Arts—	
Foreign language (both units in the same language) .....	2
For the College of Liberal Arts and Sciences for the courses in General Science and in Chemistry—	
Science .....	1
For the College of Liberal Arts and Sciences for the course in Chemical Engineering—	
Science .....	1
German .....	1
For the College of Engineering—	
Advanced algebra .....	$\frac{1}{2}$
Solid geometry .....	$\frac{1}{2}$
For the College of Agriculture—	
Science .....	1
For the School of Music—	
Foreign language (both units in the same language) .....	2
Music .....	2

III. Enough electives chosen from List B below to make, with the subjects prescribed for all colleges (List A) and those prescribed by the individual college of the student's choice, a total of twelve (12) units in academic subjects.

	Units.
Latin .....	1 —4
Greek .....	1 —3
French .....	1 —4
German .....	1 —4
Spanish .....	1 —2
English (4th unit) .....	1
Advanced algebra .....	$\frac{1}{2}$
Solid geometry .....	$\frac{1}{2}$
Trigonometry .....	$\frac{1}{2}$
History .....	1 —3
Civics .....	$\frac{1}{2}$ —1
Economics and economic history .....	$\frac{1}{2}$ —1
Commercial geography .....	$\frac{1}{2}$ —1
Astronomy .....	$\frac{1}{2}$

	<i>List B.</i>	Units.
Botany .....	$\frac{1}{2}$	1
Chemistry .....	$\frac{1}{2}$	—2
Geology .....	$\frac{1}{2}$	—1
Physics .....	$\frac{1}{2}$	—1
Physiography .....	$\frac{1}{2}$	—1
Physiology .....	$\frac{1}{2}$	—1
Zoology .....	$\frac{1}{2}$	—1

IV. Three (3) units chosen from List B above or from List C below.

	<i>List C.</i>	Units.
Agriculture .....	1	—2
Bookkeeping .....	1	—1
Business law .....	1	—1
Domestic science .....	1	—1
Drawing .....	$\frac{1}{2}$	—1
Manual training .....	1	—2
Music .....	1	—2

After September 1, 1916, no student will be admitted to the University who lacks 15 acceptable units including the 6 units of List A and 6 units from List B. A student deficient not more than 2 units in the special prescriptions of the college which he desires to enter may be admitted to such courses as he is prepared to take, provided that such deficiencies must be made up within one year.

On the recommendation of President James and on motion of Mrs. Henrotin, the requirements for admission as outlined above were approved.

#### REQUIREMENTS FOR GRADUATION. COLLEGE OF LIBERAL ARTS AND SCIENCES.

(e) A recommendation that the following conditions for graduation in the College of Liberal Arts and Sciences be established, viz:

##### *Requirements for the A.B. Degree.*

A. *Prescribed.*—Rhetoric 1; Physical Training 1 and 1a for men; 7 and 9 for women; Military Science 1 and 2 for men.

B. *Group Requirements.*—Every candidate must offer the minimum of work specified in each of the following groups:

I. *English* (the offering in this group must include at least a one-semester course in literature).

II. *Foreign Languages and Literatures.*—(Exclusive of courses in translation.)

NOTE.—Candidates for the degree who have not offered Greek or Latin or French or German for entrance must offer one of these languages for graduation.

If a student has offered but two units of a foreign language for entrance to the University, he must pursue the study of foreign languages through two year courses or the equivalent. If he has offered for entrance three or more units of foreign language, he must continue the study of foreign language through one year of his college course.

III. *History, Political and Social Science.*—History, Economics, Political Science, Sociology; 8 hours.

IV. *Mathematics and Physical Science.*—Mathematics, Astronomy (Courses with college mathematics as prerequisites), Physics, Chemistry; 8 hours.

V. Botany, Entomology, Geology, Physiology, Zoology; 8 hours.

VI. Education, Philosophy, Psychology; 6 hours, of which 3 shall be in Philosophy or Psychology.

C. *Major Subjects.*—Each candidate must select some one subject to be designated as his major. A major consists of courses amounting to 20 hours chosen from among those designated by a department and approved by the faculty of the college. Such courses are to be exclusive of those elementary or beginning courses which are open to freshmen and inclusive of some distinctly advanced work.

The subjects at present recognized as majors in this college are: Astronomy, Bacteriology, Botany, Chemistry, Classics, Education, Economics, English, Entomology, French, Geology, Germanic Languages, Greek, History, Household Science, Latin, Mathematics, Philosophy, Physiology, Physics, Political Science, Psychology, Romance Languages, Sociology, Zoology.

D. *Minor Subjects.*—Each candidate must offer, in addition to his major, a minor of 20 hours in one or more allied subjects designated by the major department and approved by the faculty of the college. At least 8 hours must be offered in one subject.

E. *Elective Subjects.*—

1. Not more than 40 hours in any one subject may be counted for graduation, except: (a) In special courses approved by the faculty of the college; (b) when a student is writing a thesis, he may count, in addition to the 40 hours, the hours of the course in which he does his thesis work; (c) in the Department of English a student may take 40 hours in addition to Rhetoric 1.

NOTE.—The total credit in Art and Design is limited to 20 hours.

2. No credit is granted in any subject unless the student pursues it for the full time required in the shortest course offered in that subject. For example, if the student elects a course which yields two hours for one semester, he must stay in the class during one semester in order to get any credit at all. In order to secure any credit in a beginning course in a foreign language, a full year's work must be completed.

3. A limited amount of credit towards the A.B. degree is ordinarily given for courses offered in other colleges and schools of this University as follows:

Physical Training—Not to exceed 5 semester hours.  
 Military Science and Tactics—Military Science 1 and 2.

Law—The amount of work to be credited from this college was referred to a special committee.

Engineering—General Engineering Drawing 1 and 2 (Mechanical Drawing and Descriptive Geometry); Theoretical and Applied Mechanics 7 and 8 (Analytical Mechanics); Mechanical Engineering 7 and 15 (Thermodynamics); Civil Engineering 10 or 21 (Surveying); Architecture 31, 32 (Architectural Drawing); Architecture 13, 14, 15, 16 (History of Architecture); Electrical Engineering 1 and 28, or 16, 6, 29. The total credit allowed in these engineering courses will not ordinarily exceed 24 hours.

Agriculture—Agricultural Extension 2 (Elementary Agriculture for teachers); Agronomy 12, Agronomy 25 (Seeds), for business students only; Agronomy 9 (Soil Physics); Farm Management 1; Agronomy 22 (Plant Breeding); Animal Husbandry 7 (Principles of Animal Nutrition); Animal Husbandry 30 (Principles of Evolution as Applied to the Improvement of Domesticated Animals and Plants); Horticulture 9 (Forestry); Horticulture 10 (Landscape Gardening); Horticulture 12 (Evolution of Horticultural Plants); Horticulture 19 (General Floriculture), for household science students only. The total credit allowed in these agricultural courses will not ordinarily exceed 14 hours.

Library Science—Library 7 (History of Libraries); 9 (Bookmaking); 2 or 12 (General Reference); 13 (Public Documents). The course in General Reference (Lib. 12) is of special value to students in the College of Liberal Arts and Sciences.

Music—Music 1, 2, 3, 4, and 5 (Courses in the history and theory of music). Courses not listed under paragraphs 1 to 5 above may not be counted for the degree of A.B., except by special permission of the Dean of the College.

#### *Requirements for the B.S. Degree.*

Pending further action by the College of Liberal Arts and Sciences and by the Senate, students admitted to work leading to the degree of Bachelor of Science in the General Science Course, who have completed that course including a major in groups 4 or 5, together with two year courses or their equivalent in foreign language, will be graduated with the degree of Bachelor of Science.

*F. Bachelor's Thesis.*—A bachelor's thesis is not generally required in this college. Students of high standing are, however, encouraged to write thesis in connection with their major studies. Credit toward the degree is given for thesis work only as a part of the work in some course for which the student is registered. The presentation of a thesis is specifically required of all candidates for the honor degree.

On the recommendation of President James and on motion of Dr. Montgomery, the requirements for graduation from the College of Liberal Arts and Sciences outlined above were approved.

#### RESEARCH WORK IN PHARMACY.

(32) The following statement:

Dr. J. H. Beal, of Sco. Ohio, desires to locate here at the University certain research work in the field of pharmacy, for the prosecution of which he has certain funds at his disposal.

Professor Noyes, Director of the Chemical Laboratory, thinks that this work is valuable in itself and would be of considerable direct benefit to the University of Illinois, and he proposes that the University offer to Dr. Beal, free of charge, the use of two rooms in the Chemical Laboratory, suitable for laboratory and office, which it will cost about \$400 to fit up. Dr. Beal would be expected to provide his own office furniture, cases, etc. But ordinary chemicals and apparatus in moderate amount would be furnished by the University for the researches free of charge. In return for this it is understood that it is Dr. Beal's intention to appoint and pay one or more fellows, graduates of colleges or universities, who will engage in graduate study and work along lines of pharmaceutical research, such appointments being made subject to the approval of the University. These fellows may become candidates for degrees according to the regulations laid down by the graduate faculty, and will be subject to the regulations of the University in these respects. They will be granted the same privileges, as to exemption from laboratory and tuition fees, as are granted to the fellows of the University. This entire arrangement would be for a single year in order to determine as far as possible its value.

On the recommendation of President James and on motion of Mr. Moore, the President of the University was authorized to arrange to have Dr. Beal come to the University for one year to conduct investigations in the field of pharmacy.

#### SUIT STOLEN FROM GYMNASIUM.

(33) A request from Mr. W. J. Robertson, 1204 John Avenue, Champaign, Ill., that the University refund to Miss Mirlam Robertson the cost of a suit, which, according to her statement, was stolen from her dressing-room in the gymnasium.

It was the opinion of the Board of Trustees that, while the University will take every precaution to protect the property of students left in or about University buildings, it can not undertake to be responsible for any losses which may occur from fire, theft, or other reason. No action was taken concerning Mr. Robertson's request.

#### SMITH-LEVER BILL FOR AGRICULTURAL EXTENSION.

(34) A letter from the Dean of the College of Agriculture and the Director of the Agricultural Experiment Station concerning the administration of the funds which are likely to come to the University through the working of the Smith-Lever bill passed by the last Congress:

June 8, 1914.

*Dr. Edmund James James, President of the University of Illinois.*

DEAR SIR: On May 8 the president of the United States signed the Smith-Lever Bill entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several states receiving the benefits of an Act of Congress approved July second, eighteen hundred and sixty-two, and of Acts supplementary thereto, and the United States Department of Agriculture." (H. R. 7951.)

Section 2 of this bill states its purpose as follows:

"That cooperative agricultural extension work shall consist of the giving of instruction and practical demonstrations in agriculture and home economics to persons not attending or resident in said colleges in the several communities, and imparting to such persons information on said subjects through field demonstrations, publications, and otherwise; and this work shall be carried on in such manner as may be mutually agreed upon by the Secretary of Agriculture and the State Agricultural College or colleges receiving the benefits of this Act."

Under the provisions of this Act following its acceptance by the Governor of the State, the University is entitled to receive \$10,000 for the fiscal year beginning July 1, next.

Further benefits are conditioned upon the states appropriating equal amounts for the general expenses set forth in the bill, but the first \$10,000 is unconditional.

Together with my associates I have given much careful thought to the provisions of this bill and its possible consequences both good and evil, and I am prepared to make the following recommendations at this time:

I. That the University urge the Governor to accept the provisions of the Act so far as the first ten thousand dollars are concerned and that he designate this institution as the beneficiary, but that future benefits be conditioned upon the State's meeting the provisions of the bill independent of the mill tax fund of the University; that is, specifically, we are better off without the additional funds than we would be with them if any portion of the offset should be taken from the University mill tax.

II. That the Dean of the College of Agriculture be designated as the immediate administrative officer, through whom the funds should be administered subject to the action of the Board of Trustees upon the recommendation of the President of the University, as in all other matters; and that his title for this purpose be Director of Agricultural Extension Service.

III. That the President of the University be empowered to complete the organization by the selection and appointment of a vice-director to have charge of the immediate details of the work.

IV. That, inasmuch as the work herein begun may extend to prodigious proportions approximating the expenditure of \$275,000 annually within ten years, it is recommended that, so far as is consistent with the purposes of the Act, the actual work shall be done by members of the various departments of the college detailed for the purpose, rather than through an entirely separate extension group organized independent of existing departments—a plan that is certain to lead speedily to conflict in teachings, if not to absolute reproach to the institution. In brief, this recommendation is intended to insure that the head of the Animal Husbandry Department, for example, shall have authority over and may be held responsible for all teachings emanating from the University within the domain of his subject, whether involving students, scientists, or farmers. Any other plan, we hold, would work confusion to departments and to University organization, which should not be subordinated to possible convenience in the administration of a minor fund.

V. That inasmuch as the various departments have already been forced to set aside men for the study of questions of farm organization in which economics rather than chemistry, physics, or biology affords the underlying principles; inasmuch as the indications are strong that all these men studying along the same lines in whatever departments should be organized into a single group with a responsible head; and inasmuch as the essential features of the work contemplated by the Lever Bill are economic rather than otherwise. I therefore recommend that the President of the University be authorized to organize in the College of Agriculture a department of farm organization and administration, and that the vice-director above mentioned shall be a member of this department, possibly its head or associate to the head. (The alternate terms are agricultural economics, which seems to belong not to agriculture but to economics, and farm management, though farm organization and administration seems rather better to describe the field. The specific title is relatively unimportant at this time, but may not be later.)

VI. The Federal Department of Agriculture has large funds with which it contemplates extension work similar to that provided for in the Lever Bill. It

therefore proposes a general plan of cooperation to cover all work of similar kind now or in the future to be undertaken. As the plan can be terminated at any time, I recommend that the President of the University be empowered to authorize the Director of the Agricultural Extension Service to enter into such cooperative plans, provided the cooperation and joint control does not extend to the outside activities necessarily arising out of the needs of research work, as in soil experiments carried on outside the University; that is to say, that extension work should not be made to cover everything undertaken off the University campus; and provided further than the cooperation should not interfere with any plans which the University may desire to develop for the general system of extension service.

I append a copy of the report of a committee consisting of the leading department heads now on the ground. Dr. Hopkins by letter strongly advocates the holding of all work within the limits of a single administrative machine as now, though when the matter was last discussed, he did not believe that there is such a thing as economics in agriculture aside from "common sense."

Respectfully submitted,

E. DAVENPORT, *Dean*.

On the recommendation of President James and on motion of Mr. Hoit, the recommendations of the Dean of the College of Agriculture and Director of the Agricultural Experiment Station in regard to the above matter were approved, and the requisite authority was given to proceed with the administration of the fund, in accordance with the plan outlined above.

#### APPROPRIATION FOR CARE OF PHYSICAL PLANT.

(35) A recommendation from the comptroller that a supplementary appropriation of \$72,000 be made to cover expenses of the physical plant certified by the office of the Supervising Architect for the year ending June 30, 1914, and that any balance in this supplementary appropriation be allowed to lapse on June 30, 1914.

On motion of Mr. Trevett, the sum of seventy-two thousand dollars (\$72,000), or so much thereof as may be required, was appropriated to cover expenses of the physical plant certified by the office of the supervising architect. The vote was as follows: Ayes, Mr. Abbott, Mrs. Evans, Mrs. Henrotin, Mr. Hoit, Mr. Montgomery, Mr. Trevett, Miss Watson; noes, none; absent, Mr. Blair, Mrs. Busey, Mr. Dunne, Mr. Meeker, Mr. Moore.

#### APPOINTMENT OF MISS GRETA GRAY.

(36) A recommendation that Miss Greta Gray be appointed Instructor in Household Science at a salary of \$1,300 for the academic year beginning September 1, 1914.

On motion of Mrs. Henrotin, this appointment was made.

#### APPOINTMENT OF PROF. V. E. SHELFORD.

(37) A recommendation that Victor E. Shelford be appointed Assistant Professor of Zoölogy in the University of Illinois, on part time, for the term of three years beginning September 1, 1914, at a salary of \$2,000 a year. In case this appointment is made, Mr. Shelford will also be recommended for appointment on the staff of the Natural History Survey, on part time, at a salary of \$500.

On motion of Mr. Hoit, this appointment was made.

#### APPOINTMENT OF MR. JOHN J. DIDCOCT.

(38) A recommendation that Mr. John J. Didcoct be appointed Assistant Inspector of High Schools of the University of Illinois, on part time, at a salary of \$1,600; to be in residence from September 1, 1914, to February 1, 1915.

On motion of Mrs. Henrotin, this appointment was made.

#### APPOINTMENT OF PROF. R. E. HEILMAN.

(39) A recommendation that Dr. R. E. Heilman be appointed Assistant Professor of Economics in the University of Illinois, for a term of three years beginning September 1, 1914, at a salary of \$2,600 a year.

On motion of Mrs. Evans, this appointment was made.

#### APPOINTMENT OF DR. D. M. SCHOEMAKER AUTHORIZED.

(40) A recommendation that the President of the University be given authority to appoint Dr. D. M. Schoemaker Associate Professor of Anatomy in the University of Illinois, at a salary of \$2,800 a year, beginning September 1, 1914.

On motion of Mr. Hoit, the President of the University was authorized to appoint Dr. D. M. Schoemaker Associate Professor of Anatomy in the College of Medicine as recommended.

#### MEETING OF THE COMMITTEE ON BUILDINGS AND GROUNDS.

President Abbott presented the following minutes of a meeting of the Committee on Buildings and Grounds, which were received for record:

A meeting of the Committee on Buildings and Grounds was held on May 2, 1914. Present: President Abbott, Mrs. Busey, Mrs. Evans, Mr. Hoit, and Mr. Moore.

The Supervising Architect presented for approval matters pertaining to boiler-house equipment which were referred to the committee with power at the meeting on March 10.

Contracts were authorized with the Buffalo Scale Company for a track scale to cost \$800 and with the Babcock and Wilcox Boiler Company for 1,000 H.P. of boilers at a contract price of \$10,000.

The Illinois Traction Company's proposition to construct the new coaling track at cost was approved and \$3,500 was authorized as the maximum expenditure.

#### LEGALITY OF DELEGATING SIGNATURE OF WARRANTS.

President Abbott presented also the following communication from Judge O. A. Harker, Legal Counsel, concerning the delegation of the signing of the name of the President of the Board to University warrants:

June 9, 1914.

*Hon. W. L. Abbott, President Board of Trustees, University of Illinois.*

DEAR SIR: Your letter of June 6th concerning the authority of the comptroller and the assistant comptroller to sign your name to University warrants came to my office yesterday while I was in Chicago. This is the first opportunity I have had to comply with your request.

I have looked into the legal phase of the proposition and am pleased to give you the following:

#### OPINION.

(1) There is no law prohibiting the Board of Trustees authorizing its president to direct the comptroller and the assistant comptroller to sign his name to warrants.

(2) The authority given could not extend beyond the president's term of office. In other words, the authority was limited to the term to which you were elected as president. If your term expired on the second Tuesday in March, then neither the comptroller nor the assistant comptroller would have authority to sign your name without a new authorization.

(3) It seems from your letter that on the 22d of last April, the board granted a continuation of the authority, but there was no authority given for the period intervening the expiration of your term as president and the 22d of April. The signatures during that period are not, therefore, regular. I would suggest that a resolution ratifying the act of the comptroller and the assistant comptroller for that period of time be passed.

Respectfully,

O. A. HARKER,

*Legal Counsel.*

On motion of Dr. Montgomery, the following preamble and resolutions were adopted:

WHEREAS, The Board of Trustees on the 11th day of March, 1913 (see page 199), authorized its president, W. L. Abbott, to direct the comptroller and assistant comptroller to attach his signature to University warrants issuing from the office of the comptroller, and

WHEREAS, The comptroller and assistant comptroller acting under such directions each did from time to time between the 10th of March and the 22d of April, 1914, attach the signature of said W. L. Abbott to divers and sundry University warrants, without further authority than that contained under the order of the 11th day of March, 1913; be it

*Resolved*, That the acts of the comptroller and assistant comptroller wherein they or either of them attached to University warrants the signature of W. L. Abbott as president, between the dates of March 10 and April 22, 1914, are hereby approved and ratified.

#### APPOINTMENTS MADE BY PRESIDENT JAMES.

The secretary presented for record the following list of appointments made by the President of the University:

Allen, O. W., Temporary Assistant in the Modern Language Seminar, beginning June 1, 1914, and continuing until August 15, 1914, at a salary of sixty-five dollars (\$65) a month. (May 26, 1914.)\*

\* The date in parentheses is the date on which the appointment was made by the President of the University.



Bennett, A. N., Assistant Chemist in the State Water Survey, beginning April 1, 1914, and continuing until August 31, 1914, at a salary of seventy-five dollars (\$75) a month. (April 28, 1914.)

Beyer, Vera, Stenographer in the office of the Supervising Architect, beginning May 1, 1914, at a salary of sixty dollars (\$60) a month. (May 8, 1914.)

Breedis, John, Temporary Shelf Assistant in the Library, beginning June 15, 1914, and continuing until August 31, 1914, at a salary of fifty-five dollars (\$55) a month. (June 6, 1914.)

Buchanan, Harold C., Assistant Mechanician in the Department of Physics, beginning when he reports for duty and continuing until further notice, at a salary of seventy dollars (\$70) a month. (May 8, 1914.)

Burd, Henry A., Fellow in English, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendium of forty dollars (\$40) a month. (May 20, 1914.)

Cavette, Francis E., Clerk in the office of the Dean of Men, beginning July 1, 1914, and continuing until August 31, 1914, at a salary of fifty dollars (\$50) a month. (June 6, 1914.)

Davis, Vera, Stenographer in the Department of Agronomy, beginning May 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (June 4, 1914.)

Easton, Harry D., Instructor in the Miners' and Mechanics' Institutes, beginning when he reports for duty and continuing until June 30, 1915, at a salary of one hundred seventy-five dollars (\$175) a month. (June 4, 1914.)

Hawgood, Helen A., Stenographer in the office of the Director of the Agricultural Experiment Station, beginning August 1, 1914, and continuing until further notice, at a salary of seventy dollars (\$70) a month. (May 8, 1914.)

Hayes, Margaret L., Clerk in the Loan Department of the Library, beginning April 22, 1914, and continuing until further notice, at a salary of forty dollars (\$40) a month. (April 27, 1914.)

Hill, Fanny, Temporary Assistant in the Classics Seminar, for the month of July, 1914, at a salary of sixty-five dollars (\$65) for the month. (May 26, 1914.)

Jones, Mabel, Temporary Cataloger in the Library, beginning April 9, 1914, and continuing until further notice, at a salary of sixty-five dollars (\$65) a month. (April 24, 1914.)

Krudwig, Edna, Laboratory Assistant in the Laboratory of the Department of Pathology in the College of Medicine, beginning May 16, 1914, and continuing until August 31, 1914, at a salary of forty dollars (\$40) a month. (May 8, 1914.)

Moore, Herbert Fisher, Professor of Engineering Materials in the Engineering Experiment Station, in the Department of Theoretical and Applied Mechanics, beginning September 1, 1914, at a salary of three thousand dollars (\$3,000) a year. (April 30, 1914.)

Okey, Ruth E., Scholar in Chemistry, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (June 6, 1914.)

Robb, William C., Scholar in History, for the academic year beginning September 1, 1914, and ending June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (April 27, 1914.)

Roberts, Nellie, Temporary Assistant in the Loan Department of the Library, beginning June 15, 1914, and continuing until August 31, 1914, at a salary of sixty-five dollars (\$65) a month. (May 26, 1914.)

Stewart, C. L., Traveling Fellow in Economics, for the academic year 1914-15, with a stipendium of one thousand dollars (\$1,000) for the year. (June 1, 1914.)

Straw, W. A., Student Assistant in Chemistry, beginning May 1, 1914, and continuing until June 30, 1914, at a salary of thirty dollars (\$30) a month; this appointment superseding his former appointment at the rate of twenty dollars a month. (April 30, 1914.)

Taylor, E. H., Graduate Assistant in Chemistry, beginning May 1, 1914, and continuing until June 30, 1914, at a salary of forty dollars (\$40) a month; this appointment superseding his former appointment at the rate of thirty dollars a month. (April 30, 1914.)

Tracy, Grover, Assistant in Physiological Chemistry in the College of Medicine, beginning April 15, 1914, and continuing until June 30, 1914, at a salary of seventy-five dollars (\$75) a month. (April 23, 1914.)

Turley, Robert E., Scholar in Theoretical and Applied Mechanics, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendium of twenty-five dollars (\$25) a month. (May 26, 1914.)

Wells, M. M., Fellow in Zoölogy, for the academic year 1914-15, beginning September 1, 1914, and continuing until June 30, 1915, with a stipendium of forty dollars (\$40) a month. (June 8, 1914.)

Williams, Margaret, Reviser and Assistant in the Summer Session of the Library School, for six weeks beginning June 22, 1914, with a total compensation of eighty-five dollars (\$85) for the session. (April 28, 1914.)

Zipprott, Ella S., Stenographer in the Miners' and Mechanics' Institutes, beginning March 1, 1914, and continuing until further notice, at a salary of fifty dollars (\$50) a month. (April 28, 1914.)

## SUMMER SESSION APPOINTMENTS.

The secretary presented also for record the following list of appointments to the instructional staff of the Summer Session of 1914:

Department and Name.	Salary.	
<b>Agriculture—</b>		
Jamison, A. W. ....	\$250 00	
Bauer, F. C. ....	250 00	
Smith, W. H. ....	225 00	
Gardner, J. J. ....	150 00	
Miller, W. P. ....	200 00	
Roberts, Elmer ....	125 00	
Total .....		\$1,200 00
<b>Art and Design—</b>		
Hill, Mary .....	\$225 00	
Total .....		225 00
<b>Botany—</b>		
Trelease, William .....	\$500 00	
Hague, Stella Mary .....	225 00	
Total .....		725 00
<b>Chemistry—</b>		
Balke, C. W. ....	\$500 00	
Derick, C. G. ....	300 00	
Weber, H. C. P. ....	300 00	
MacInnes, D. A. ....	225 00	
Beal, G. D. ....	225 00	
Hopkins, B. S. ....	225 00	
Sears, G. W. ....	200 00	
Kamm, Oliver .....	200 00	
Total .....		2,175 00
<b>Drawing, General Engineering—</b>		
Jordan, H. H. ....	\$225 00	
Total .....		225 00
<b>Economics—</b>		
Carlton, F. T. ....	\$500 00	
Litman, S. ....	300 00	
Thompson, C. M. ....	225 00	
Total .....		1,025 00
<b>Education—</b>		
Bagley, W. C. ....	\$300 00	
Coffman, L. D. ....	500 00	
Johnston, C. H. ....	500 00	
Anderson, L. F. ....	300 00	
Rapeer, L. W. ....	400 00	
Miller, W. S. ....	200 00	
Harlan, C. L. ....	100 00	
Hall-Quest, A. L. ....	100 00	
Holley, C. E. ....	100 00	
Total .....		2,500 00
<b>English—</b>		
Dodge, D. K. ....	\$500 00	
Paul, H. G. ....	300 00	
Cooper, Lane ....	450 00	
Guild, T. H. ....	250 00	
Creek, H. L. ....	225 00	
Tieje, A. J. ....	225 00	
Buchen, W. A. ....	200 00	
Total .....		2,150 00
<b>Entomology—</b>		
Folsom, J. W. ....	\$300 00	
Peterson, Alvah .....	150 00	
Total .....		450 00
<b>French—</b>		
Oliver, T. E. ....	\$500 00	
Carry, C. S. ....	200 00	
Total .....		700 00
<b>German—</b>		
Lessing, O. E. ....	\$500 00	
Koller, A. H. ....	225 00	
Barto, P. S. ....	225 00	
Held, F. E. ....	200 00	
Total .....		1,150 00

Department and Name.	Salary.	
<b>History—</b>		
Moran, T. F. (See Political Science, total \$500).....	\$300 00	
Richardson, R. K. ....	300 00	
Robertson, W. S. ....	300 00	
Total .....		\$900 00
<b>Household Science—</b>		
Williams, Anna Waller .....	\$225 00	
Fleming, Georgia .....	225 00	
Parsons, Maud .....	200 00	
Total .....		650 00
<b>Latin—</b>		
Barton, H. J. ....	\$200 00	
Canter, H. V. ....	300 00	
Total .....		500 00
<b>Manual Training—</b>		
Park, J. C. ....	\$400 00	
Gross, G. A. ....	225 00	
Total .....		625 00
<b>Mathematics—</b>		
Lytle, E. B. ....	\$250 00	
Wahlin, G. E. ....	250 00	
Kempner, A. J. ....	225 00	
Rowland, S. A. ....	200 00	
Rutledge, George .....	200 00	
Total .....		1,125 00
<b>Mechanical Engineering—</b>		
Radebaugh, G. H. ....	\$225 00	
Total .....		225 00
<b>Mechanics, Theoretical and Applied—</b>		
Seeley, F. B. ....	\$225 00	
Ensign, N. E. ....	225 00	
Gonnerman, H. F. ....	225 00	
Total .....		675 00
<b>Music—</b>		
Smith, Constance Barlow .....	\$300 00	
Brainard, Adeline .....	150 00	
Total .....		450 00
<b>Physical Training (men)—</b>		
Huff, G. A. ....	\$500 00	
Zuppke, R. C. ....	225 00	
Jones, R. R. ....	225 00	
Gill, H. L. ....	225 00	
Casner, Sidney .....	225 00	
Total .....		1,400 00
<b>Physical Training (women)—</b>		
Brooks, Verna .....	\$225 00	
Total .....		225 00
<b>Physics—</b>		
Watson, F. R. ....	\$300 00	
Williams, E. H. ....	250 00	
Smith, O. H. ....	200 00	
Warner, E. H. ....	200 00	
Nathanson, A. M. ....	150 00	
Total .....		1,100 00
<b>Physiography—</b>		
Cushing, S. W. ....	\$350 00	
Heitkamp, G. W. ....	150 00	
Total .....		500 00
<b>Political Science—</b>		
Story, R. M. ....	\$300 00	
Moran, T. F. (See History) .....	200 00	
Total .....		500 00
<b>Sociology—</b>		
Weatherly, U. G. ....	\$500 00	
Total .....		500 00

Department and Name.	Salary.
Zoölogy—	
Barker, F. D. ....	\$400 00
Packard, W. H. ....	200 00
Total .....	\$600 00
Grand total .....	\$22,500 00

### LEASES OF LAND FOR AGRICULTURAL EXPERIMENTATION.

The secretary presented also for record the following summaries of leases of land for agricultural experimentation, signed by the comptroller under authority of the board:

1. Location	Lessor	Date	Tenure	Annual Rental
Flora	Chris Egginton	Mar. 4, 1914	Dec. 31, 1914	\$180 and 50 bu. apples

#### Description

An orchard of thirty acres, more or less, lying south of the B., O. & S. W. Railroad track, about  $4\frac{1}{2}$  miles west of the city of Flora in Clay County, Ill.; more specifically described as follows: Part of the north half ( $\frac{1}{2}$ ) of the south-east quarter ( $\frac{1}{4}$ ) of section thirty-two (32), township three (3) north, range six (6), east of the third principal meridian.

2. Location	Lessor	Date	Tenure	Annual Rental
Flora	Amos Ross	Mar. 4, 1914	Dec. 31, 1914	One-third of crop

#### Description

An orchard of fourteen acres, more or less, located on the farm of Amos Ross, just south of the B., O. & S. W. Railway tracks, about four and one-half miles west of the city of Flora, Clay County, Ill.; more specifically described as follows: Fourteen acres, more or less, of orchard located south of the tracks of the B. & O. Ry., and on the west side of the east half (E.  $\frac{1}{2}$ ) of the northwest quarter (N. W.  $\frac{1}{4}$ ) of section 5, township 2 north, range 6, east of the third principal meridian.

3. Location	Lessor	Date	Tenure	Annual Rental
Olney	R. S. Prunty	June 4, 1914	Dec. 31, 1914	\$100.00

#### Description

Forty acres of land located in the west  $\frac{1}{2}$  of the northwest  $\frac{1}{4}$  of section 1, township No. 3, range 10, in Richland County, State of Illinois.

4. Location	Lessor	Date	Tenure	Annual Rental
Urbana	John McCullough	May 1, 1914	Nov. 15, 1914	\$192.00

#### Description

Approximately sixteen acres situated on the west side of N. W.  $\frac{1}{4}$  of N. E.  $\frac{1}{4}$  of section 29; township 19 north, range 9 east.

5. Location	Lessor	Date	Tenure	Annual Rental
Urbana	J. H. Percival	May 1, 1914	Nov. 15, 1914	\$150.00

#### Description

Approximately twelve acres situated on the west side of the S. W.  $\frac{1}{4}$  of the S. W.  $\frac{1}{4}$  of section 19; township 19 north, range 9 east.

### AUDIT REPORT.

The secretary presented also for record the report of the audit of the books and accounts of the University for the quarter ending March 31, 1914:

April 29, 1914.

*Honorable Allen F. Moore, Chairman, Finance Committee, Board of Trustees, University of Illinois, Monticello, Ill.*

DEAR SIR: Following your instructions, we have audited the books and accounts of the University of Illinois for the third quarter of the fiscal year, ended March 31, 1914.

As a result of our examination, we find the following overdrafts on appropriations of the budget approved by the Board of Trustees:

Campus lighting .....	\$ 241 47
Pavements and walks .....	636 54
*Commerce Building .....	3 67
Gymnasium improvement .....	22 42
Library Building addition .....	12,651 67
Heating and Lighting Plant .....	1,496 60
Pipe organ .....	235 65
Office supplies .....	2,891 53
Postage .....	851 05
*Petty cash .....	5,850 00
Printograph .....	6 00
Administration—	
*Vice-President .....	241 37
Business office .....	1,463 51
Registrar's office .....	569 38

\* No appropriation.

Administration—*Concluded.*

*Council of Administration .....	\$ 375 82
*Legal counsel .....	160 33
*Treasurer's office .....	450 00
*University Senate .....	9 60
General Departments and Expenses—	
*Lockers—Gymnasium .....	699 23
*Athletics .....	11 24
*Advisers—Foreign students .....	17 62
Military .....	859 52
Military and band scholarships .....	724 00
Directory of matriculants .....	166 95
*Receptions and social functions .....	241 45
*Rebates to students .....	7,107 70
Emergency Hospital .....	2,328 54
Physical Plant operation and maintenance .....	42,577 56
Liberal Arts and Sciences—	
*Scientific artist .....	58 74
*Romance languages .....	62 68
Agricultural College—	
Horticulture .....	2,080 68
Household science—Cafeteria .....	167 26
Agricultural Experiment Station—	
Floriculture .....	345 88
U. S. Agricultural Experiment Station—	
Dairy (Hatch fund) .....	1,371 02
Engineering Experiment Station—	
Railway engineering .....	326 31
Theoretical and applied mechanics .....	131 66
Miscellaneous—	
*Snyder interest .....	600 00

At a meeting of the Executive Committee of the Board of Trustees, held April 9, 1914, the following changes in the budget were authorized, affecting certain of the foregoing items:

Three thousand dollars was appropriated for Emergency Hospital.

Eight thousand dollars was appropriated for rebates to students.

One thousand seven hundred and fifty dollars was transferred from Hatch fund nitrogen fixation to Hatch fund dairy.

At a meeting of the Board of Trustees, held on April 22, 1914, an appropriation of \$150 was made to romance languages.

We are sending you herewith a copy of the report prepared by the comptroller of the University, Mr. George E. Frazer, covering the quarter under audit. We have verified the cash receipts, disbursements, and cash balances (except petty funds) at March 31, 1914; the reconciliations between the accounts of the business office and the accounts of the University treasurer and of the State Auditor of Public Accounts; and the appropriation balances of the budget of the Board of Trustees at March 31, 1914.

We have not verified the following petty cash funds:

Vice-Director, Agricultural Experiment Station .....	\$600 00
Secretary, College of Medicine .....	300 00
Actuary, School of Pharmacy .....	250 00

We were not called upon to verify the incumbrance against the appropriations, but, from our examination of these records, we believe that the accounts are accurate, with the exception of outstanding orders which have been canceled, but which cancellation was not reported to the business office.

Your attention is called to the fact that at present there is no reliable data incorporated in the books so as to show the cost of repairing any particular building. We understand that improved methods of handling repairs are now under advisement.

Subject to the foregoing, therefore, we certify that the various schedules as contained in the report of the comptroller correctly present the transactions of the quarter ended March 31, 1914, and that they are in accordance with the books.

Yours very truly,

UNITED STATES AUDIT CO.,

By WHITNEY B. FLERSHEM, *Manager*,

*Certified Public Accountant.*

April 11, 1914.

## COMPTROLLER'S REPORT.

The secretary presented also for record the report of the comptroller, Prof. George E. Frazer, for the quarter ending March 31, 1914:

*Hon. W. L. Abbott, President, Board of Trustees, University of Illinois.*

DEAR SIR: I have the honor to hand you herewith the quarterly report of the business office for the three months ending March 31, 1914. Included in this report you will find schedules of cash receipts and disbursements from State appropriations, disbursements from University treasurer, and charges against all budget accounts and departments as at March 31, 1914. You will find complete reconciliations of accounts of the business office with those of the State Auditor and the University treasurer in schedules 5 and 6.

I am handing a copy of this report to W. B. Flershem, Certified Public Accountant, who will transmit it to the Honorable Allen F. Moore, Chairman of the

\* No appropriation.

Finance Committee of the Board of Trustees, together with the certificate of the United States Audit Company.

Under separate covers, as a part of this report, are also presented lists of warrants drawn against the University treasurer and of vouchers certified to the State Auditor.

Respectfully submitted,  
GEORGE E. FRAZER, *Comptroller*.

## SCHEDULE 1.

## CASH SUMMARY MARCH 31, 1914.

	For six months ending December 31.	For three months ending March 31.	For nine months ending March 31.	Balances March 31.
University Treasurer—				
General—				
Balance.....	\$277,851 19	\$205,380 75	\$277,851 19	
Receipts, schedule 2.....	210,851 77	124,860 07	335,711 84	
Total.....	\$488,702 96	\$330,240 82	\$613,563 03	
Disbursements, schedule 4.....	283,322 21	49,737 74	333,059 95	
Balance.....	\$205,380 75	\$280,503 08	.....	\$280,503 08
U. S. Agricultural Expt. Sta.—				
Balance.....	1,140 77	1,229 84	\$ 1,140 77	
Receipts, schedule 2.....	15,030 00	7,610 00	22,640 00	
Total.....	\$16,170 77	\$8,839 84	\$23,780 77	
Disbursements, schedule 4.....	14,940 93	7,602 65	22,543 58	
Balance.....	\$1,229 84	\$1,237 19	.....	1,237 19
Medicine—				
Balance.....	*1,034 04	24,873 20	*\$ 1,034 04	
Receipts, schedule 2.....	45,992 93	30,049 76	76,042 69	
Total.....	\$44,958 89	\$54,922 96	\$75,008 65	
Disbursements, schedule 4.....	20,085 69	23,347 32	43,433 01	
Balance.....	\$24,873 20	\$31,575 64	.....	31,575 64
Pharmacy—				
Balance.....	2,166 87	17,999 49	\$ 2,166 87	
Receipts, schedule 2.....	18,473 39	3,093 00	21,566 39	
Total.....	\$20,640 26	\$21,092 49	\$23,733 26	
Disbursements, schedule 4.....	2,640 77	3,085 84	5,726 61	
Balance.....	\$17,999 49	\$18,006 65	.....	18,006 65
Total University treasurer's bal- ance, March 31, 1914.....				\$331,322 56
Bursar.....				5,000 00
Secretary, College of Medicine.....				300 00
Actuary, School of Pharmacy.....				250 00
Vice Director, Agricultural Experiment Station.....				600 00
Total cash balance, March 31, 1914.....				\$337,472 56

\* Overdraft.

## SCHEDULE 2.

## CASH RECEIPTS QUARTER ENDING MARCH 31, 1914.

	Receipts to December 31, 1913.	Receipts for month of—			Total quarter ending March 31, 1914.	Total nine months ending March 31, 1914.
		January.	February.	March.		
General—						
Accountancy.....	\$ 106 25	.....	.....	.....		\$ 106 25
Agricultural College—						
Administrative.....	17 20	.....	.....	\$ 17 57	\$ 17 57	34 77
Press service.....	217 86	\$ 35 45	\$ 73 00	.....	108 45	326 31
Agronomy.....	298 72	1 48	194 94	13 63	210 05	508 77
Agronomy experiment station, crops.....	2,124 20	456 70	57 04	44 51	558 25	2,682 45

## SCHEDULE 2—Continued.

	Receipts to December 31, 1913.	Receipts for month of—			Total, quarter ending March 31, 1914.	Total, nine months ending March 31, 1914.
		January.	February.	March.		
General—Continued.						
Agronomy experiment station, soil.....	\$ 5,094 51	\$ 435 10	\$ 341 94	\$ 188 55	\$ 965 59	\$ 6,060 10
<i>Alumni Record</i> .....	534 29	39 30	.....	39 20	78 50	612 79
Animal husbandry.....	2,958 96	506 03	2,856 58	366 19	3,728 80	6,687 76
Animal husbandry experi- ment station.....	7,553 69	162 92	631 21	563 49	1,357 62	8,911 31
Armory.....	234 94	2 00	.....	.....	2 00	236 94
Blue printing.....	515 05	.....	48 19	107 60	155 79	670 84
Buildings.....	130 43	23 22	7 50	62 82	93 54	223 97
Business office.....	1 77	.....	292 43	4 06	296 49	298 26
Cafeteria.....	4,759 74	1,242 98	1,143 48	1,283 14	3,669 60	8,429 34
Campus lighting.....	.....	.....	13 53	.....	13 53	13 53
Ceramics.....	9 00	.....	2 80	.....	2 80	11 80
Chemistry.....	16 75	.....	.....	53 00	53 00	69 75
Civil engineering.....	85 90	3 75	.....	6 00	9 75	95 65
Creamery.....	21,370 82	3,433 04	2,280 69	3,341 58	9,055 31	30,426 13
Dairy husbandry.....	4,262 67	1,009 18	1,809 27	1,352 11	4,170 56	8,433 23
Dairy husbandry experi- ment station.....	2,413 37	1,336 98	923 46	1,520 15	3,780 59	6,193 96
Dean of men.....	45 44	.....	.....	.....	45 44	45 44
Electrical engineering.....	50 00	.....	.....	12 50	12 50	62 50
Emergency hospital.....	.....	.....	.....	56 00	56 00	56 00
Engineering experiment station.....	153 40	48 00	65 45	122 32	235 77	389 17
Floriculture experiment station.....	67 31	.....	346 10	.....	346 10	413 41
Geology.....	.....	1 50	.....	.....	1 50	1 50
Heat and light.....	714 24	198 49	126 29	146 68	471 46	1,185 70
History.....	11 84	.....	.....	.....	11 84	11 84
Horticulture.....	696 99	.....	.....	.....	.....	696 99
Horticulture experiment station.....	188 30	.....	.....	.....	188 30	188 30
Horticulture green house.....	.....	.....	2 00	.....	2 00	2 00
Household science.....	42 10	.....	.....	90 15	90 15	132 25
Illinois Cannery's Associa- tion fund.....	.....	.....	.....	166 66	166 66	166 66
Interest on land contracts.....	12 60	31 50	.....	.....	31 50	44 10
Interest on endowment fund.....	.....	.....	32,419 14	.....	32,419 14	32,419 14
Liberal arts and science, administration.....	3 08	.....	.....	.....	.....	3 08
Library.....	19 05	30 00	136 90	9 77	176 67	195 72
Mechanical engineering.....	244 90	.....	.....	7 87	7 87	252 77
Mining engineering.....	.....	.....	.....	25	25	25
Morrill fund.....	25,000 00	.....	.....	.....	.....	25,000 00
Music.....	.....	10 40	57 50	.....	67 90	67 90
Nelson fund.....	25,000 00	.....	.....	.....	.....	25,000 00
Office supply stores.....	.....	2 15	.....	166 95	169 10	169 10
Orchestra concerts.....	3,781 25	.....	65 25	.....	65 25	3,846 50
<i>Philology, Journal of</i> .....	297 45	284 00	140 52	.....	424 52	721 97
Physics.....	.....	.....	.....	2 07	2 07	2 07
Postage stores.....	.....	.....	.....	130 48	130 48	130 48
President's office.....	.....	75	.....	.....	75	75
Printograph.....	.....	.....	.....	5 83	5 83	5 83
Psychology.....	.....	.....	9 81	.....	9 81	9 81
Railway engineering.....	7 50	.....	.....	.....	.....	7 50
Railway engineering ex- periment station.....	9 80	.....	.....	.....	.....	9 80
Registrar's office.....	8 25	.....	.....	.....	.....	8 25
Rent—	.....	.....	.....	.....	.....	.....
Armory.....	60 00	50 00	.....	.....	50 00	110 00
Auditorium.....	.....	.....	15 00	.....	15 00	15 00
Houses.....	589 00	154 25	172 50	177 50	504 25	1,093 25
Salary refunds.....	.....	79 03	.....	.....	79 03	79 03
State treasurer.....	20,000 00	.....	.....	.....	.....	20,000 00
Student associations.....	6 50	.....	75	75	1 50	8 00
Supervising architect's office.....	140 24	5 28	.....	.....	5 28	145 52
Theoretical and applied Mechanics.....	455 70	60 00	.....	28 50	88 50	544 20
Tunnel extension.....	33 81	.....	.....	.....	.....	33 81
<i>University Studies</i> .....	25 73	.....	.....	.....	.....	25 73
Water survey.....	179 04	.....	58 16	.....	58 16	237 20
<i>Weekly Calendar</i> .....	.....	50	.....	.....	50	50

## SCHEDULE 2—Concluded.

	Receipts to December 31, 1913.	Receipts for month of—			Total quarter ending March 31, 1914.	Total nine months ending March 31, 1914.
		January.	February.	March.		
<i>General—Concluded.</i>						
Woman's building.....	\$ 17 89					\$ 17 89
Zoölogy.....	1 11					1 11
Fee collections—						
General and labora-						
tory.....	73,764 50	\$852 75	\$55,067 93	\$2,206 75	\$58,127 43	131,891 93
Lockers.....	2,224 00	29 50	1,376 00	81 50	1,487 00	3,711 00
Trust Funds—						
B'nai Brith.....	115 00					115 00
Hospital association..	377 00					377 00
McDowel memorial						
fund.....	4 57					4 57
McKinley fund, inter-	293 40	7 56	51 35	17 69	76 60	370 00
est.....						
McKinley fund, prin-	407 50	130 00	255 00	55 00	440 00	847 50
cipal.....	333 57	97 30	19 04	25 21	141 55	475 12
Snyder fund, interest.	1,924 89	339 95	142 25		482 20	2,407 09
Snyder fund, principal	731 75					731 75
Towel fund.....						
Wilson lectureship	100 00					100 00
fund.....	6 95	50 00	32 00		82 00	88 95
Woman's league.....						
Total.....	\$210,851 77	\$11,151 04	\$101,235 00	\$12,474 03	\$124,860 07	\$335,711 84
<i>United States Agricultural</i>						
<i>Experiment Station—</i>						
Adams fund.....	\$7,500 00	\$3,750 00				\$11,250 00
Adams fund receipts	30 00	35 00	\$22 00	\$53 00	\$75 00	140 00
Hatch fund.....	7,500 00	3,750 00				11,250 00
Total.....	\$15,030 00	\$7,535 00	\$22 00	\$53 00	\$75 00	\$22,640 00
<i>College of Medicine—</i>						
<i>Dentistry</i>						
Fees.....	\$6,502 00	\$643 00	\$2,500 00	\$804 62	\$3,947 62	\$10,449 62
Infirmary.....	127 00		87 15		87 15	214 15
Infirmary clinic.....	472 45	539 75	275 40	686 70	1,501 85	1,974 30
Interest.....	38 50					38 50
Rebates.....	7 00					7 00
Total.....	\$7,146 95	\$1,182 75	\$2,862 55	\$1,491 32	\$5,536 62	\$12,683 57
<i>Medicine—</i>						
Advertising.....	\$ 235 17					\$ 235 17
Dispensary.....	310 60	\$ 74 30	\$ 49 65	\$ 61 55	\$ 185 50	496 10
Embalming.....	10 00					10 00
Fees—						
General and labora-						
tory.....	37,707 95	7,858 00	13,180 65	2,583 50	23,622 15	61,330 10
Lockers.....	278 50					278 50
Interest on bonds.....	264 00			60 00	60 00	324 00
Rebates.....	30 00	42 83	346 50	52 16	441 49	471 49
Scholarship fund.....		204 00			204 00	204 00
West side hospital...	9 76					9 76
Total.....	\$38,845 98	\$8,179 13	\$13,576 80	\$2,757 21	\$24,513 14	\$63,359 12
College of medicine total...	\$45,992 93	\$9,361 88	\$16,439 35	\$4,248 53	\$30,049 76	\$76,042 69
<i>School of Pharmacy—</i>						
Fees.....	\$18,373 39	\$1,393 00	\$1,123 00	\$577 00	\$3,093 00	\$21,466 39
General.....	100 00					100 00
Total.....	\$18,473 39	\$1,393 00	\$1,123 00	\$577 00	\$3,093 00	\$21,566 39
<i>SUMMARY.</i>						
General.....	\$210,851 77	\$11,151 04	\$101,235 00	\$12,474 03	\$124,860 07	\$335,711 84
United States Agricultural						
Experiment Station.....	15,030 00	7,535 00	22 00	53 00	7,610 00	22,640 00
College of Medicine.....	45,992 93	9,361 88	16,439 35	4,248 53	30,049 76	76,042 69
School of Pharmacy.....	18,473 39	1,393 00	1,123 00	577 00	3,093 00	21,566 39
Grand total.....	\$290,348 09	\$29,440 92	\$118,819 35	\$17,352 56	\$165,612 83	\$455,960 92



## SCHEDULE 3.

STATEMENT OF BALANCES IN STATE APPROPRIATIONS FOR 1913-1914 AS AT MARCH 31, 1914.

	Amount of appropriation.	Disburse- ments to December 31.	Disburse- ments for quarter ending March 31, 1914.	Total disburse- ments.	Balance March 31.
Operating main and extension..	\$1,600,000 00	\$869,039 30	\$454,100 94	\$1,323,140 24	\$276,859 76
Buildings, land and equipment.	650,000 00	508,493 87	94,444 99	602,938 86	47,061 14
Water survey and investigation	21,500 00	10,314 66	3,964 16	14,278 82	7,221 18
Machinery and mechanical in- struction.....	15,000 00	947 02	1,678 82	2,625 84	12,374 16
	\$2,286,500 00	\$1,388,794 85	\$554,188 91	\$1,942,983 76	\$343,516 24

## SCHEDULE 4.

RECONCILIATION OF WARRANT REGISTERS WITH DISBURSEMENT LEDGERS AS AT MARCH 31, 1914.

	Disburse- ments to December 31.	Disburse- ments for quarter ending March 31, 1914.	Total disburse- ments.	
<b>WARRANT REGISTERS.</b>				
University Treasurer—				
General.....	\$283,322 21	\$ 49,737 74	\$333,059 95	
U. S. agricultural experiment station...	14,940 93	7,602 65	22,543 58	
Medicine.....	20,085 69	23,347 32	43,433 01	
Pharmacy.....	2,640 77	3,085 84	5,726 61	
State Auditor—				\$ 404,763 15
Operating, maintenance and equipment.				
Buildings, land and equipment.....	\$869,039 30	\$454,100 94	\$1,323,140 24	
Water survey and investigation.....	508,493 87	94,444 99	602,938 86	
Miners' and mechanics' institute.....	10,314 66	3,964 16	14,278 82	
	947 02	1,678 82	2,625 84	
				1,942,983 76
				\$2,347,746 91
<b>DISBURSEMENT LEDGERS.</b>				
Disbursements from appropriations brought forward from 1912-1913 as per Schedule 41.	\$ 180,875 16	\$ 7,069 58	\$ 187,944 74	
Disbursements on account of 1913-1914 as per Schedule 42.....	1,528,909 29	630,892 88	2,159,802 17	\$2,347,746 91

## SCHEDULE 41.

STATEMENT OF APPROPRIATIONS BROUGHT FORWARD FROM 1912-1913 AS AT MARCH 31, 1914.

	Balance July 1, 1913.	Disburse- ments July 1 to March 28, 1914.	Cash balance.	Open market orders outstand- ing.	Free balance.
Closed out as per report of January 31.....	\$168,566 56	\$168,566 56			
Clinic building.....	5,000 00		\$ 5,000 00		\$ 5,000 00
Cold storage.....	9,000 00		9,000 00		9,000 00
Commerce building.....	10,024 75	7,546 44	2,478 31	*\$ 794 48	1,683 83
Law building.....	3,588 24	3,504 33	83 91	67 00	16 91
Social and political science.....	4,055 89	2,351 34	1,704 55	†1,704 55	
Soil maps.....	29,743 42	5,976 07	23,767 35	11,678 42	12,088 93
Totals.....	\$229,978 86	\$187,944 74	\$42,034 12	\$14,244 45	\$27,789 67

\* Including Library orders, \$48.50.

† Salaries assigned.

## SCHEDULE 42.

DISBURSEMENTS ON ACCOUNTS FOR 1913-1914 AS AT MARCH 31, 1914.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances—					Total charges.	Balances.
				Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.		
Land and Improvements—										
Land .....	\$374,373 76	\$347,291 30							\$347,291 30	\$27,082 46
Cash transfer <sup>1</sup> .....	20,000 00	20,000 00							20,000 00	
Campus lighting .....	6,013 53	4,630 90	\$ 4 10				1,620 00	1,620 00	6,255 00	*241 47
Pavements and walks .....	3,000 00	3,487 00	9 54	140 00				140 00	3,636 54	*636 54
Buildings—										
Agricultural Buildings—										
Dairy farm house.....		39 90							39 90	
Feeding plant.....		1,086 39	246 50						1,332 89	
Horticultural glass house and service buildings.....	95,752 00	27,897 37	5 10	155 45			771 73	927 18	28,829 65	25,453 10
Building changes.....		1,054 59							1,054 59	
Nutrition laboratory.....		5,700 97		155 91		42 00		197 91	5,898 88	
Stock pavilion.....		31,263 45	315 30	488 70		108 00	967 54	1,564 24	33,142 99	
Armory .....	85,744 94	45,041 13	558 09	45 00			35,860 71	35,905 71	80,962 60	4,782 34
Chemical laboratory addition .....	40,000 00	558 09	7 90						565 99	39,434 01
Commerce building.....		3 32	35						3 67	*3 67
Gymnasium improvement .....	11,800 00	11,004 07	9 90	208 45			600 00	808 45	11,822 42	*22 42
Insectary .....	5,000 00									5,000 00
Library building addition .....	10,000 00	199 27		184 40			†22,268 00	22,452 40	22,651 67	*12,651 67
Observatory .....	2,000 00									2,000 00
University store house.....	2,000 00									2,000 00
Physical Plant Equipment—										
Electrical conduit extension.....	2,500 00	2,500 00							2,500 00	
Fire protection.....	2,100 00	289 03							289 03	1,810 97
Heating and lighting plant .....	15,000 00	5,571 61	7 50	262 49			†10,655 00	10,917 49	16,496 60	*1,496 60
Telephone extension.....	2,700 00	1,758 56							1,758 56	941 44
Tunnel extension.....	52,033 81	51,920 12	5 04	37 75				37 75	51,962 91	70 90
Water station .....	2,400 00	2,298 25							2,298 25	101 75
General Equipment—										
Boat repairs .....	1,000 00	200 00							200 00	800 00
Furniture and fixtures.....	4,000 00	2,935 21	6 79	60 50		71 75		132 25	3,074 25	925 75
Library additions.....	75,003 00	32,549 83	65 00		41,576 98			41,576 98	74,191 91	811 09
Lincoln hall bookcases.....	5,050 00	5,015 80							5,015 80	34 20
Locomotive Laboratory Reservoir .....	4,500 00	3,058 78	1 00	214 27				214 27	3,274 06	1,225 94
Pipe organ .....	15,500 00	235 65					†15,500 00	15,500 00	15,735 65	*235 65
Temperature control.....	1,800 00	1,294 85							1,294 85	5 15
Womens building equipment .....	9,017 89	9,016 39	1 50						9,017 89	



SCHEDULE 42—Continued.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Balance.
				Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.		
General Departments and Expenses — <i>Concluded.</i>										
Saltpetre investigation .....	\$ 4,000 00									\$ 4,000 00
Y. M. C. A. ....	250 00								250 00	
Rebates to students .....		\$ 7,107 70							\$ 7,107 70	*7,107 70
Emergency hospital .....		1,067 05		\$1,261 49				\$ 1,261 49	2,328 54	*2,328 54
Physical Plant Operation and Maintenance—										
Salaries .....		17,265 64					\$ 6,864 93	6,864 93	24,130 57	
Supervising architect's office .....		1,094 96	\$ 286 15	9 00		\$ 50		9 50	1,390 61	
Superintendent of buildings office .....		2,595 42	43 30	10 00				10 00	2,648 72	
Superintendent of grounds office .....		1 00	6 11						7 11	
Heating and lighting .....		62,057 12	32 43	2,008 94			9,229 94	11,253 88	73,343 43	
Buildings operation .....		34,015 74	53 81	1,571 41		18 50		1,589 91	35,659 46	
Buildings maintenance .....		23,718 43	294 97	402 33		277 00	379 75	1,059 08	25,072 48	*42,577 56
Grounds .....	137,855 58	6,961 79	6 50	651 74				651 74	7,620 03	
Campus extension .....		962 36							962 36	
Fire protection .....		2,426 25		16 50				16 50	2,442 78	
Telephone exchange .....		2,093 96		626 94				626 94	2,720 90	
Water station .....		430 90							430 90	
Switch track .....		772 93							772 93	
Building changes .....		3,230 86							3,230 86	
Liberal Arts and Sciences—										
Administration .....	1,503 08	1,051 57	86 98	111 50				111 50	1,250 05	253 03
Scientific artist .....		57 38	1 36						58 74	*58 74
Freshman advisers .....	1,800 00	779 60							779 60	1,020 40
Art and design .....	880 00	677 77	128 25	13 35				13 35	819 37	60 63
Astronomy .....	1,500 00	94 13	20 24	64 00	\$ 3 00	20 50		87 50	201 87	1,298 13
Bacteriology .....	2,100 00	1,104 43	21 22	379 81		36 00		415 81	1,541 46	558 54
Illinois Cannery Association .....	1,960 40	923 78							923 78	1,036 62
Botany .....	5,700 00	2,138 01	295 22	559 85		168 00		727 85	3,161 08	2,538 92
Ceramics .....	8,102 77	6,909 29	405 11	30 36		49 50		79 86	7,394 26	708 51
Chemistry .....	28,677 97	20,831 30	797 23	1,905 98		1,456 50		3,362 48	24,991 01	3,686 96
Classics .....	300 00	63 51	57 17	75 70		20 00		95 70	216 38	83 62
Education .....	2,650 00	1,388 12	575 36	257 27				257 27	2,220 75	429 25
English .....	2,019 70	700 35	135 01	32 00				71 75	907 11	1,112 59
Entomology .....	1,500 00	267 49	17 78	584 85		39 75		584 85	870 12	629 88
Geology .....	1,913 89	829 35	39 17	521 53				521 53	1,390 05	523 84
Germanics .....	400 00	51 45	25 50	16 00		15 00		31 00	107 95	292 05
History .....	300 00	172 09	73 20						245 29	54 71

Mathematics.....	700 00	291 03	57 73	78 55	45 00			123 55	472 31	227 69
Philosophy.....	200 00	7 00	5 86						12 86	187 14
Physiology.....	1,550 00	1,365 99	50 84	55 80		4 50		60 30	1,477 13	72 87
Political science.....	200 00	33 75	16 91						50 06	149 34
Psychology.....	1,510 00	707 94	123 43	342 88		52 00		394 88	1,226 25	283 75
Romance language.....		34 20	28 48						62 68	*62 68
Sociology.....	300 00	101 86	12 95						114 81	185 19
Zoölogy.....	6,875 00	4,819 04	301 69	856 27		46 40		902 67	6,023 40	851 60
Classical museum.....	15,000 00	2,829 73	1 20	1,703 49		15 25		1,718 74	4,549 67	5,347 63
European culture museum.....		677 44	1 10	2,935 00		13 50		2,948 50	3,627 04	
Natural history museum.....		355 07	43 34	837 25		15 00	225 00	1,077 25	1,475 66	
Agricultural College.....										
Administration (including press service)...	15,419 98	9,033 44	811 58	32 78		623 00	2,554 98	3,210 76	13,055 78	2,364 20
Agricultural extension.....	19,067 70	14,639 23	594 36	435 00			3,004 92	3,439 92	18,673 51	394 19
Agronomy.....	51,386 49	38,016 06	958 17	813 57	10 14	593 51	8,814 90	10,232 12	49,206 35	2,180 14
Animal husbandry.....	68,325 41	45,378 01	673 75	2,442 99	3 70	49 05	9,672 36	12,168 10	58,219 86	10,105 55
Animal husbandry specimens.....	6,500 00	3,695 51		150 00				150 00	2,845 51	2,654 49
Dairy.....	39,562 85	27,756 65	919 89	3,894 41		388 00	4,904 91	9,187 32	37,863 86	1,698 99
Dairy cattle.....	2,250 00	500 00						500 00	1,000 00	1,250 00
Dairy creamery.....	30,706 99	21,473 40	1,244 75	144 20		99 60		243 80	22,961 95	7,745 04
Horticulture.....	58,471 52	47,304 83	966 91	1,560 66	8 15	396 75	10,314 90	12,280 46	60,552 20	*2,080 68
Household science.....	27,170 35	15,076 50	480 83	645 70	1 90	455 75	4,792 41	5,895 76	21,453 09	5,717 26
Household science—cafeteria.....	8,445 84	6,823 98	644 41	1,144 71				1,144 71	8,613 10	*167 26
Veterinary science.....	2,800 00	1,908 51	10 65				624 99	624 99	2,544 15	255 85
Agricultural Experiment Station—										
Animal husbandry.....	39,911 31	29,405 31	1,012 72	2,447 67		34 00	420 00	2,901 67	33,319 70	6,591 61
Agronomy—crops.....	21,527 31	13,525 71	7 44	563 85			1,269 99	1,633 84	15,166 99	6,360 32
Agronomy—soils.....	102,060 10	58,733 32	21 86	1,046 31		154 00	7,534 95	8,735 26	67,490 44	34,569 66
Dairy.....	28,533 60	25,592 03	198 27	678 47		50 00	649 98	1,378 45	27,168 75	1,364 85
Horticulture.....	8,413 41	7,554 94	22 72	236 67		20 00	924 96	1,181 63	8,759 29	* 345 88
Horticulture.....	21,188 30	16,341 86	1 42	662 91		35 00	1,305 00	2,002 91	18,346 19	2,842 11
U. S. Agricultural Experiment Station—										
Hatch.....										
Administration.....	4,500 00	3,769 96		93 75	11 00		510 00	614 75	4,384 71	115 29
Agronomy.....	2,500 00	2,138 39					300 00	300 00	2,438 39	61 61
Dairy.....	4,500 00	3,345 77					2,525 25	2,525 25	5,871 02	*1,371 02
Nitrogen, fixtures and research.....	3,500 00	775 82		41 30		3 50		44 80	820 62	2,679 38
Adams.....										
Administration.....	2,000 00	1,433 40					450 00	450 00	1,883 40	116 50
Animal husbandry.....	8,500 00	6,119 06		450 60	16 00	25 00	899 97	1,391 57	7,510 63	989 37
Horticulture.....	4,500 00	4,121 94					349 98	349 98	4,471 92	28 08
Adams fund receipts (animal husbandry)...	1,280 77	855 94							855 94	424 83
Engineering College—										
Administration.....	4,470 87	2,290 76	319 01	637 80		13 75		651 55	3,261 32	1,209 55
Architecture.....	3,350 18	872 54	271 92	365 59	77 84	96 00		539 43	1,683 89	1,666 29
Civil engineering.....	1,120 05	688 24	212 92	114 76		23 00		137 76	1,038 92	81 13
Electrical engineering.....	5,305 90	1,697 13	193 78	1,578 75				1,578 75	3,469 66	1,836 24
General engineering drawing.....	1,000 00	859 49	59 72	17 00		5 00		22 00	941 21	58 79
Mechanical engineering.....	13,230 35	9,387 37	771 87	400 35		348 00		748 35	10,907 59	2,322 76

SCHEDULE 42—Concluded.

	Appropriations and credits.	Cash disbursements.	Transfer charges.	Encumbrances.					Total charges.	Balance.
				Open market orders.	Library orders.	Repair orders.	Contracts and salaries.	Total.		
Engineering College—Concluded.										
Mining engineering.....	\$ 6,000 25	\$ 1,851 09	\$ 200 38	\$1,081 92	\$ 5 28	\$ 26 50		\$ 1,113 70	\$ 3,165 17	\$ 2,835 08
Coöperative mines investigation.....	5,000 00	2,244 16	19 61	101 20		2 00	\$ 450 00	553 20	2,816 97	2,183 03
Physics.....	6,253 04	2,752 52	98 56	788 69				788 69	3,639 77	2,613 27
Railway engineering.....	3,993 50	2,965 45	197 65	188 90				188 90	3,352 00	641 50
Theoretic and applied mechanics.....	7,419 53	4,236 17	355 31	120 77	29 65	2 00		152 42	4,743 90	2,675 63
Shop improvements.....	3,500 00	1,277 03	135 01	590 00		725 00		1,315 00	2,727 04	772 96
Miners and mechanics instruction.....	15,000 00	1,956 47	17 94	1,243 75		30 00	2,349 99	3,623 74	5,598 15	9,401 85
Engineering Experiment Station—										
Administration.....	11,549 94	5,834 42	21 80	971 75		1 50	1,350 00	2,323 25	8,179 47	3,370 47
Chemical engineering.....	800 00	78 50		176 00				176 00	254 50	545 50
Civil engineering.....	500 00	221 60	64 64	55				55	286 79	213 21
Electrical engineering.....	1,069 09	463 60	8 97	252 10				252 10	724 67	344 42
Mechanical engineering.....	497 99	466 40	31 59						497 99	
Physics.....	602 12	577 12	4 15	2 00				2 00	583 27	18 85
Railway engineering.....	3,538 12	3,425 71	112 41	326 31				326 31	3,864 43	*326 31
Theoretic applied mechanics.....	1,524 17	1,569 91	77 42	8 50				8 50	1,655 83	*131 66
Miscellaneous										
Graduate school.....	22,150 00	6,615 44	191 60	2,117 90	1,549 77			3,667 67	10,474 71	11,675 29
Medicine and Dentistry (for details see Schedule 43, a. b. c.).....	200,179 56	151,936 40	1,473 95	7,114 92			20,580 53	27,695 45	181,105 80	19,073 76
Commerce.....	11,325 00	482 90	241 94	1,867 90	2,884 53	21 50		4,773 93	5,498 77	5,826 23
Law library.....	5,000 00	1,987 04			1,176 19			1,176 19	3,163 23	1,836 77
Law school.....	3,300 00	294 71	73 32	20 00		40 00		60 00	428 03	2,871 97
Library school.....	1,080 00	309 84	91 95	60 05				60 05	461 84	618 16
Music.....	1,870 40	1,216 69	66 81	93 75				93 75	1,377 25	493 15
Pharmacy.....	13,570 00	10,852 44		143 56			1,500 00	1,643 56	12,496 00	1,074 00
Summer session, 1913.....	14,270 45	14,092 43	2 70						14,095 13	175 32
Summer session, 1914.....	25,000 00	656 61	29 93	250 00			\$22,725 00	22,975 00	23,661 54	1,338 46
Summer library school, 1913.....	515 00	465 04							465 04	49 96
Accountancy comptroller.....	2,704 65	448 91	16 62	9 00				9 00	474 53	2,230 12
Water survey.....	29,246 20	18,370 37		95 55		87 50	5,798 05	5,981 10	24,351 47	4,894 73
Trust funds—										
B'nai B'rith.....	199 61	49 34			149 16			149 16	198 50	1 11
Bryan prize.....	250 00									250 00
Class of 1895.....	78									78
Graduate school theses.....	350 00									350 00
Hospital association.....	574 56	574 56							574 56	
Llewellyn prize.....	50 00									50 00

McKinley fund.....	1,418 25	1,325 00							1,325 00	93 25
Plym fellowship.....	1,000 00	800 00							800 00	200 00
Snyder fund.....	3,438 92	3,375 00							3,375 00	63 92
Snyder interest.....		600 00							600 00	*600 00
Towel fund.....	731 75									731 75
Wilson lectureship.....	100 00									100 00
Woman's league.....	291 40	200 00							200 00	91 40
Total.....	\$3,000,710 01	\$2,159,802 17	\$24,357 27	\$61,587 49	\$47,548 29	\$7,193 06	\$445,445 05	\$561,773 89	\$2,745,933 33	\$254,776 68

<sup>1</sup> Between University Treasurer and State Treasurer.

\* Overdraft.

† Payments not to be made until after July 1, 1914.

‡ Value of stock on hand.

§ Payments to be made after July 1, 1914.

## SCHEDULE 43A.

STATEMENT OF THE ACCOUNTS OF THE COLLEGES OF MEDICINE AND DENTISTRY AS AT  
MARCH 31, 1914.

	Cash disburse- ments.	Transfer charges.	Encumbrances.				Total charges.
			Open market, orders.	Con- tracts.	Salaries.	Totals.	
General—							
Salaries .....	\$ 8,406 37				\$ 2,895 00	\$ 2,895 00	\$11,301 37
Administration .....	5,773 98		\$ 397 38			397 38	6,171 36
Heating and light- ing .....	5,819 28		8 75	\$2,231 70		2,240 45	8,059 73
Building operation .....	538 05		9 00			9 00	547 05
Repairs .....	4,059 03	\$ 86	195 50			195 50	4,255 39
Anatomy .....	935 87		361 00			361 00	1,296 87
Chemistry .....	2,285 38		980 25			980 25	3,265 63
Physiology .....	219 55		274 00			274 00	493 55
Laboratory stores .....	8,286 75		527 14			527 14	8,813 89
Medical—							
Salaries .....	24,504 16				11,420 68	11,420 68	35,924 84
Administration .....	7,674 27	334 75	123 50	681 28		804 78	8,813 80
Repairs .....	11,178 68	30	176 00			176 00	11,354 98
Equipment .....	3,854 12		643 45			643 45	4,497 57
Library .....	3,110 45		343 27			343 27	3,453 72
Mortgage .....	16,937 37						16,937 37
Bacteriology .....	340 43		450 00			450 00	790 43
Dispensary .....	2,312 65		335 60			335 60	2,648 25
Medicine .....	301 25		8 83			8 83	310 08
Obstetrics .....	293 25						293 25
Pathology .....	410 22		75 00			75 00	485 22
Pharmacology .....	833 81		72 00			72 00	905 81
Research .....	2,439 95		345 70			345 70	2,785 65
Roentgenology .....	3,409 13		128 57			128 57	3,537 70
Surgery .....	587 52						587 52
Dental—							
Salaries .....	7,699 69				3,351 87	3,351 87	11,051 56
Administration .....	3,595 90	1,138 04	30 86			30 86	4,764 80
Repairs .....	7,101 78		60 50			60 50	7,162 28
Equipment .....	7,070 45		909 10			909 10	7,979 55
Bacteriology .....	224 83		7 50			7 50	232 33
Histology .....	864 94						864 94
Infirmary .....	9,752 55		214 29			214 29	9,966 84
Oral surgery .....	389 16		8 95			8 95	398 11
Prosthetics .....	419 87		303 78			303 78	723 65
Radiography .....	305 71						305 71
Operative .....			125 00			125 00	125 00
Totals .....	\$151,936 40	\$1,473 95	\$7,114 92	\$2,912 98	\$17,667 55	\$27,695 45	\$181,105 80

## SCHEDULE 43B.

## BUDGET ACCOUNTS OF THE COLLEGES OF MEDICINE AND DENTISTRY AS AT MARCH 31, 1914.

	Allot- ments.	Charges.	Balances.
General salaries .....	\$11,000 00	\$11,301 37	\$ *301 37
Medical salaries .....	37,030 00	35,924 84	1,105 16
Dental salaries .....	11,000 00	11,051 56	*51 56
Repairs (see Schedule 43c) .....	30,000 00	22,772 65	7,227 35
Medical equipment .....	5,000 00	4,497 57	502 43
Dental equipment .....	7,000 00	7,979 55	*979 55
Heating and lighting .....	9,000 00	8,059 73	940 27
Laboratory stores .....	8,042 83	8,813 89	*771 06
Mortgage .....	23,708 07	16,937 37	6,770 70
Administration (see Schedule 43c) .....	8,000 00	20,297 01	*12,297 01
Departmental allotments (see Schedule 43c) .....	50,398 66	33,470 26	16,928 40
	\$200,179 56	\$181,105 80	\$19,073 76

\* Overdraft.



## SCHEDULE 43C.

ANALYSIS OF CHARGES TO BUDGET ACCOUNTS, COLLEGES OF MEDICINE AND DENTISTRY  
AS AT MARCH 31, 1914.

REPAIRS—	Items.	Totals.
General .....	\$ 4,255 39	
Medical .....	11,354 98	
Dental .....	7,162 28	
		<u>\$22,772 65</u>
ADMINISTRATION—		
General .....	\$6,171 36	
Medical .....	8,813 80	
Dental .....	4,764 80	
Building operation .....	547 05	
		<u>20,297 01</u>
DEPARTMENTAL ALLOTMENTS—		
General—		
Anatomy .....	\$1,296 87	
Chemistry .....	3,265 63	
Physiology .....	493 55	
Medical—		
Bacteriology .....	790 43	
Dispensary .....	2,648 25	
Library .....	3,453 72	
Medicine .....	310 08	
Pathology .....	485 22	
Pharmacology .....	905 81	
Obstetrics .....	293 25	
Research .....	2,785 65	
Roentgenology .....	3,537 70	
Surgery .....	587 52	
Dental—		
Bacteriology .....	232 33	
Histology .....	864 94	
Infirmery .....	9,966 84	
Oral Surgery .....	398 11	
Prosthetics .....	723 65	
Radiography .....	305 71	
Operative .....	125 00	
		<u>33,470 26</u>
		<u>\$76,539 92</u>

## SCHEDULE 5.

## RECONCILIATION WITH UNIVERSITY TREASURER AS AT MARCH 31, 1914.

GENERAL UNIVERSITY FUND—		
Treasurer's balance .....		\$289,472 69
Deduct: Receipts of Experiment Station fund....	\$ 32 00	
Incorrect credit .....	321 58	
		<u>343 58</u>
Treasurer's corrected balance .....		\$289,129 11
Add: Receipts not entered .....		143 04
		<u>\$289,272 15</u>
Deduct: Warrants outstanding—		
Issued before July 1, 1912 .....	\$ 319 64	
Issued 1912-13 .....	31 90	
Issued 1913-14 .....	8,416 51	
Difference .....	1 00	
		<u>8,769 05</u>
Business office corrected balance .....		\$280,503 10
Deduct: Errors—		
Warrant No. 5894 .....	\$0 01	
Warrant No. 5898 .....	0 01	
		<u>0 02</u>
Business office original balance .....		<u>\$280,503 08</u>
AGRICULTURAL EXPERIMENT STATION FUND—		
Treasurer's balance .....		\$2,234 55
Add: Receipts incorrectly credited to general fund.....		22 00
		<u>\$2,256 55</u>
Treasurer corrected balance .....		35 00
Add: Receipts not entered .....		
		<u>\$2,291 55</u>
Deduct: Warrants outstanding .....		1,054 36
Business office balance .....		<u>\$1,237 19</u>

SCHEDULE 5—*Concluded.*

COLLEGE OF MEDICINE FUND—		
Treasurer's balance .....		\$37,481 78
Deduct: Warrants outstanding—		
Issued before July 1, 1912 .....	\$ 113 75	
Issued 1912-13 .....	20 00	
Issued 1913-14 .....	5,772 39	
		<u>5,906 14</u>
Business office balance .....		<u>\$31,575 64</u>
SCHOOL OF PHARMACY FUND—		
Treasurer's balance .....		\$18,737 78
Deduct: Warrants outstanding .....		731 13
Business office balance .....		<u>\$18,006 65</u>

## SCHEDULE 6.

RECONCILIATION WITH STATE AUDITOR AS AT MARCH 31, 1914.

<i>Operation, Maintenance and Equipment—</i>	
State Auditor's balance.....	\$279,681 64
Deduct: Unpaid vouchers.....	2,821 88
Business office balance.....	<u>\$276,859 76</u>
<i>Buildings, Land and Equipment—</i>	
State Auditor's balance.....	\$49,848 98
Deduct: Unpaid vouchers.....	2,787 84
Business office balance.....	<u>\$47,061 14</u>
<i>Water Survey and Investigation—</i>	
State Auditor's balance {	\$7,221 18
Business office balance {	
<i>Miners' and Mechanics' Institutes—</i>	
State Auditor's balance {	\$12,374 16
Business office balance {	
On motion of Mr. Hoit, the board adjourned to meet at the University in Urbana, on Monday, June 15, at 10 A.M.	

W. L. ABBOTT, *President.*H. E. CUNNINGHAM, *Secretary.*

## ADJOURNED SESSION, JUNE 15, 1914.

When the board convened at 10 A.M., on Monday, June 15, 1914, pursuant to the adjournment of June 9, 1914, there was no quorum present, and the board adjourned to meet at 10 A.M. on Tuesday, June 16, 1914.

W. L. ABBOTT, *President.*H. E. CUNNINGHAM, *Secretary.*

## ADJOURNED SESSION, JUNE 16, 1914.

When the board convened at 10 A.M., on Tuesday, June 16, 1914, pursuant to the adjournment of June 15, 1914, there was no quorum, and the board adjourned to meet at 3:30 P.M. on the same day.

## AFTERNOON SESSION, JUNE 16, 1914.

When the board convened at 3:30 P.M., on Tuesday, June 16, 1914, pursuant to the adjournment of the forenoon of the same day, there was no quorum and the board adjourned.

W. L. ABBOTT, *President.*H. E. CUNNINGHAM, *Secretary.*