

Meeting of June 24, 1909.

A special meeting of the Board of Trustees of the University of Illinois was held at the Palmer House, in Chicago, June 24, 1909, pursuant to the following notice which was sent out by the secretary, June 18, 1909:

By order of the president, Mr. W. L. Abbott, there will be a special meeting of the Board of Trustees of the University of Illinois at 10:00 o'clock a. m. Thursday, June 24, 1909, at the Palmer House in Chicago to consider communications from the president, to elect a treasurer, to transact such other business as may be duly presented.

When the board met pursuant to this call the following members were present: Governor Deneen, Messrs. Abbott, Blair, Davison, Grout, Meeker and Mrs. Evans and Mrs. Busey; Mr. Hatch came in a little later; absent, Messrs. Crebs and Moore and Mrs. Alexander. President James was present.

The secretary, Mr. Pillsbury, presented the minutes of the special meeting of June 4, 1909, and of the regular meeting of June 14, 1909. These were approved on motion of Mr. Meeker.

ELECTION OF TREASURER.

On motion of Mr. Abbott, Henry Alexander Haugan, vice-president of the State Bank of Chicago, was elected treasurer.

On motion of Mr. Abbott, it was ordered that the treasurer be required to give a bond of \$2,000,000, and the Finance Committee was instructed to attend to getting a satisfactory bond, and upon its receipt and approval, to transfer to the newly elected treasurer, the funds and other property of the University, in the hands of the bondsmen of Mr. Helge A. Haugan, deceased.

SECOND TRACK ON "OLD RIGHT-OF-WAY."

Mr. Abbott, for the Committee on Buildings and Grounds, reported the following agreement, drawn by Judge Harker, with reference to the use of the "old right-of-way," so called, by the Urbana and Champaign Railway, Gas and Electric Company, and moved that the president and secretary of the board be authorized to sign and seal the agreement.

The motion was adopted.

AUTHORITY TO RECEIVE MONEYS.

Resolved, That the treasurer of the Board of Trustees of the University of Illinois is hereby authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the said Board of Trustees, or to the said University of Illinois, and especially all drafts drawn by the Treasurer of the United States, payable to the said Board of Trustees, or to the said University of Illinois, on account of the Agricultural Experiment Station of the said University.

COMMUNICATIONS FROM PRESIDENT JAMES.

The president of the University presented the following items for consideration:

1. The following report upon the action of the Forty-sixth General Assembly concerning the University appropriations:

The subject of University appropriations excited more discussion during the sessions of the Forty-sixth General Assembly from January to June, 1909, than perhaps had ever taken place in any preceding assembly.

This arose from several circumstances: In the first place, the University asked for larger appropriations than ever before, and with the increasing amount of the appropriations requested, it is natural that there should be increasing question and increasing debate.

In the second place, the income of the State was, relatively speaking, very small, and the powers in control had determined that they would not be in favor of any considerable increase in the tax rate, and as there was no other source for an increase in the State revenue, there was little prospect that the estimates of income would be exceeded. Since the needs of all the State institutions have been steadily growing with the increasing population of the State, it was evident that an unusual effort would be made by each institution to obtain the amount ordinarily given, even where the total could not be increased. The natural result was that some of the institutions felt that they could improve their chances to get larger appropriations if in any way they could cut down appropriations for other institutions. This led to some friction and some opposition to the University, which took the double form of general criticism of its work and specific attacks upon individual items in the appropriation bills by various parties. Every such attack, of course, had its influence in creating an atmosphere which was unfavorable to increased appropriations.

The actual results, however, taken as a whole, were gratifying, and I should like to mention a few of these in order.

In the first place, the Legislature passed what was known as Senate Resolution No. 12, already printed in the minutes of the board, authorizing the trustees of the University to take such measures as would in their judgment attract to and retain in the service of the University and the State the best available talent in this or other countries.

There was some opposition to this resolution on the ground that the trustees had authority already to do whatever they pleased in the way of advancing salaries within the limits of the appropriations granted by the Legislature, but, so far as I know, with a single exception, no objection was raised by any one on the ground that the schedule of salaries at the University is adequate. On the contrary, there was general consent that the remuneration of members of the instructing staff at the University is not sufficient.

It will be remembered that the trustees of the University voted to ask for a special item in the general University bill for the increase of salaries of important positions. This item was approved by the trustees before the joint resolution concerning salaries was introduced into the Legislature.

The passage of this joint resolution seemed to many of the members of the Legislature to cover the whole ground, and the Legislature thought

that the wishes of the trustees would be fully met if in addition to these resolutions there was an increase in the general item for salaries and operating expenses of the University. This item was increased by seventy-five thousand dollars per year, and the special item asked for in the omnibus bill was dropped out. That the omission of this last item, however, did not proceed from any feeling that the salaries paid in the University were too high, is evident enough from the reports adopted by the appropriation committees in both House and Senate upon this particular topic.

The Senate Committee, in recommending an increase in item 1, made the following statement:

"Inasmuch as your committee will recommend that item 20 in the original bill, making appropriations for increase of salaries which was stricken out by the House be concurred in, believing that the trustees have full authority under this item to make such increase as in their judgment is deemed necessary, under Joint Resolution No. 12, passed by both Senate and House, believing that some increase is necessary, also, in view of the fact that items of the bill as introduced have been entirely stricken out or greatly reduced, your committee recommends that general item 1 in the House bill be increased to five hundred and twenty-five thousand dollars (\$525,000) per annum."

The House Committee stated in its report concerning item 20:

"It seems to your committee that the trustees of the University, they being elected by the People to run the business of the University, should have the courage to use their discretion in regard to salaries."

It is, I think, a highly satisfactory result that the Legislature has thus approved the policy of paying adequate salaries at the University, not only by the passage of the joint resolution above referred to, but also by adopting the passages just read in both appropriation committees of the General Assembly, after a second full and thorough discussion.

Another question which had been raised in the course of the criticism upon the University, namely, whether the special items in the appropriation bill, such as that "For the maintenance and extension of the Engineering College and expenses of the Engineering Experiment Station," that "For carrying on the Water Survey," that "For maintenance of the Department of Social and Political Science and Industrial Economics," that "For maintenance of the School of Music," that "For equipment and support of the Law School," that "For equipment and maintenance of the School of Pharmacy," that "For equipment and maintenance of Chemical Laboratory," that "For maintenance of the Graduate School," could properly be used to pay salaries, was answered in the affirmative by the sub-committees of both Houses, by both appropriation committees and, so far as I know, by all the members of both Houses. In fact, it seemed strange to every member of the committee whose attention was called to the matter, that any question whatever should be raised on this point, considering the language of the bill itself.

The language for item 8 in the general University bill, "For maintenance and extension of the Engineering College and expenses of the Engineering Experiment Station" was formulated in this particular way, after a full discussion twice held in the Board of Trustees, and with a distinct understanding that this formulation permitted the trustees at their discretion to charge the entire item or any portion thereof either to salaries or equipment or expenses of the Engineering College or Engineering Experiment Station in any proportion in which it seemed best to the Board of Trustees to make such distribution. The language itself is perfectly sweeping in character, was approved by this board after full discussion and has twice been approved by both sub-committees, by the entire appropriation committees of both Houses and by both Houses of the Legislature without the slightest objection, so far as I have been able to ascertain, at any stage of the proceedings, upon the part of a single member of the General Assembly. I should not know how to make a general formulation of an appropriation bill better calculated and adapted to give to the trustees of the University

complete control over the sum granted in the furtherance of the College and Engineering Experiment Station by the application of the funds to any purpose which seems to them likely to further the general end, than does the language of this item.

This I found to be the view of every member of the Legislature with whom I talked.

The same thing is true of the other items mentioned, namely, item 10, relating to the water survey, item 12 for the department of social and political science, item 13 for the school of music, item 14 to the law school, item 15 to the school of pharmacy, item 16 to the chemical laboratory, item 17 to the maintenance of the graduate school. Whether 1 per cent or 10 per cent or 100 per cent of these respective sums is to be used in the payment of salaries in these particular departments, or used for the provision of equipment, or used for the payment of other expenses, is something which lies solely at the discretion of the Board of Trustees, under the language used in this grant. The whole of these appropriations can be used by the board either to pay salaries or purchase equipment or partly for one purpose and partly for the other, or to meet any other expense which may be incurred in the conduct of the respective departments. It is difficult to see how anyone could ever have raised a doubt as to the sweeping character of this grant.

The same thing is true of the items in the agricultural bill. When the Legislature grants an appropriation to conduct investigations, calculated to develop the beef, mutton, and wool and horse producing interests of the State with no other limitation upon the appropriation, it is certainly at the discretion of the board to decide what proportion of that shall be used in salaries and wages and what proportion shall be used in the purchase of feed for the animals. In a word, the entire distribution of the funds is left absolutely at the discretion of the board.

An act approved June 8, 1909, authorizes and directs the trustees to establish in the College of Engineering at the University a department of mining engineering, and appropriates for this purpose the sum of seven thousand five hundred dollars per annum. Whether that money shall be used in the payment of the salaries of professors in this department, or provide equipment for the department or partly for one purpose and partly for the other, is absolutely within the discretion of the board.

This is an important matter and I take it was fully and completely settled by the action of the Legislature.

Two or three other things were settled it seems to me by the action of this General Assembly in a very satisfactory manner. First of all, in answer to an attack made upon the graduate school the same sum was given for its support and maintenance as was granted by the Legislature two years ago, namely, fifty thousand dollars per annum, and so far as I was able to ascertain there was no vote in either house against this grant, in spite of the fact that there had been considerable discussion and some unfriendly criticism as an incident to the debate of an entirely different question.

I regard further the action of the Legislature concerning the law school as settling once for all the question whether the State of Illinois is willing to establish a center of legal instruction in the State University. When the trustees, nearly twenty years ago, desired to establish a law school, and asked the Legislature for ten thousand dollars with which to purchase a law library, suggesting that the school might be carried on from the proceeds of the fees paid by students, the Legislature refused to make the grant. Many of the members expressed it as their opinion that the State had no business to give instruction in law; that the State University was a school for agriculture and the mechanic arts alone, and that the introduction of any other subjects was not contemplated by the State or charter creating the institution.

The trustees, however, feeling that the charter of the institution and the acts under which they were constituted, made them judges as to what ought to be done in advancing the interests of higher education in connection

with the University, proceeded to establish this school. At the time there was much criticism of this action of the trustees in the Legislature. Time, however, has fully justified its wisdom and the Legislature has finally approved in a definite way the establishment of the law school, by an appropriation for its maintenance.

The University has expended thus far, i. e., to July 1, 1909, upon the support of the law school, not counting heat, light, janitor service or rent of building, about \$175,000.00. It has received from tuition fees and special legislative appropriations for the law school about \$110,000.00, leaving a net deficit of \$65,000.00, which has been met from general University funds.

The first recognition was in an appropriation bill passed by the General Assembly in 1901, for eight thousand dollars for reconstructing the old chemical laboratory so as to make it available for the college of law or the school of music. The board assigned it to the school of law. In 1903 the Legislature gave a small appropriation of twenty-five hundred dollars for furnishing and equipping the law building. This was the first definite recognition of the existence of a law school. In 1905 the Legislature gave ten thousand dollars per annum for further equipment of the law school. Half of this, however, was cut out by the Governor's veto. In 1907 the Legislature gave for equipment and support of the law school fifteen thousand dollars per annum. The board asked of the present Legislature two things, an increase in our appropriation for the general maintenance and support of the law school, and a further item for the purpose of erecting a fire-proof stack in the present law building, for the purpose of housing our valuable law school library. These items were cut out of the bill in the Senate, some men maintaining that the University ought not to support a law school anyhow. These were only the faint echoes of the old sentiment now more than ten years past, in regard to the true function of the State University in the field of legal education. One item had been cut out in the House bill, but finally when the bill went to the conference committee an increase of ten per cent was granted for equipment and support of the law school, and the item of ten thousand dollars for the erection of a fire-proof stack in the present law school building was also reinserted.

I regard this action of the Legislature as finally settling the question beyond the peradventure of a doubt that the University of Illinois should promote and foster the subject of legal education and legal learning as thoroughly and heartily as it fosters and promotes agriculture, engineering or general literary and scientific training.

Another significant act of this Legislature is to be found in the increase of the appropriation for the school of pharmacy. This is a department located in the city of Chicago. It was taken over by the University without authorization of the Legislature, after a full discussion as to the desirability of undertaking this branch of education. The school maintained itself and paid its own expenses until the rising standards required by modern conditions and the consequent decrease in attendance with the ever increasing expense of administering a better school made it necessary to apply to the Legislature for support. The Forty-fifth General Assembly granted ten thousand dollars for the biennium. The Forty-sixth General Assembly, the present one, has granted twenty thousand dollars, thus doubling the appropriation.

This is a significant action from several points of view. In the first place it is a recognition of the fact that it is the business of the trustees of this University under the charter given by the State, to take careful stock of the educational needs of the State, and when it feels that the interests of higher education or the interests of agriculture or industry in this State demand the establishment of new departments of instruction or new departments of investigation; whether here in Urbana or in the city of Chicago, or any other place in the State, it may properly undertake such work.

There was a determined effort made on the part of some members of the Legislature to cut down the appropriation for the purchase of books from

fifty thousand dollars for the biennium to ten thousand dollars. There was some plausible excuse for this in the mind of some members arising from the fact that our library building so far as stack room had been provided for, was full, and there seemed to be little or no opportunity for increasing our capacity for taking care of books.

After stating to the members that by completion of the stack in the present library building and by the addition of cases in the other rooms in the building we could take care of all the books which we could purchase with the sum asked, opposition to this item disappeared, and the University received the same sum as two years ago.

It is a matter of great regret that the University failed to get the buildings which it asked for. It was compelled to be content with one. A handsome appropriation was made for this. The sum of two hundred and fifty thousand dollars, for a building which perhaps by common agreement is the most necessary building for the University, namely, a new University hall.

The item asked for by the trustees for the maintenance and support of the veterinary college and research laboratory was lost. This is greatly to be regretted, as it represented an undertaking extremely important to the industry and health of this great commonwealth. The University asked for seventy-five thousand dollars per annum for the support and maintenance of a veterinary college and research laboratory. As to the research laboratory, we have had one at the University for more than ten years and desire very much the increased support this appropriation could have given. As to the request for the veterinary college, it was exactly such an appropriation as has been made by this Legislature in the law providing for the maintenance and support of mining engineering. We have no veterinary college. We have no department of mining engineering. In the latter case the grant made will enable the University to make a start. In the former, if the grant had been made, we should have been in a position to do for the people of Illinois and the United States one of the greatest possible services.

The Legislature appropriated in the general appropriation bill for the biennium, one million six hundred and forty-two thousand, five hundred dollars. In the building bill the sum of two hundred and fifty thousand dollars (\$250,000.00). In the agricultural bill the sum of three hundred and eighty-one thousand dollars (\$381,000.00). In the mining engineering bill, the sum of fifteen thousand dollars (\$15,000.00) for the biennium. In the general omnibus bill, providing for the support of the State departments, twenty-five thousand dollars was appropriated for the biennium for the department of ceramics. In addition the usual appropriation was made for the support of the State Laboratory of Natural History, and I understand that the appropriation made to the State entomologist for the purpose of curing and preventing insect attacks upon the trees of the State was also made.

The usual appropriation of interest on the endowment fund of the University was made and the usual law providing for the assignment of the federal funds granted in aid of colleges of agriculture and the mechanic arts, was also passed.

On the whole, considering the fact that the State had a smaller revenue than usual, and that it was unwilling to raise more revenue by increased taxation, considering the great pressure for money for new purposes and for the improvement and advance of old interests, the fact that the Legislature gave to the University about seventy thousand dollars including \$7,500.00 for mining engineering more than it ever gave before, is certainly a cause for congratulation, and I believe that there has never been a time in the history of the State when the interest of the citizens in the University and its work was as keen as it is now, and never a time in which their intelligent confidence was so great as at present.

Printed below is an abstract of the appropriations made, followed by the texts of the important bills.

APPROPRIATIONS FOR BIENNIUM 1909-11.

GENERAL APPROPRIATION BILL.

	Per annum.	Per biennium.	Total.
SECTION I.			
1. Payment of salaries and operating expenses	\$525,000	\$1,050,000	
2. Material for shop practice	5,000	10,000	
3. Increase of historic, scientific and artistic cabinet collections..	2,000	4,000	
4. Additions to the library	25,000	50,000	
5. Additions to apparatus and appliances	3,000	6,000	
6. Fire protection	1,500	3,000	
7. Pavements and walks	2,500	5,000	
8. Maintenance and extension of Engineering College and expenses of the Engineering and Mining Experiment Station.	80,000	160,000	
9. Painting and repairs on buildings and improvements to grounds	17,500	35,000	
10. For carrying on the State Water Survey	5,000	10,000	
11. For draining and fencing on experimental farms	2,500	5,000	
12. Maintenance of the department of social and political science and industrial economics, including instruction in banking, insurance, railway administration, etc.	25,000	50,000	
13. Maintenance of School of Music	3,000	6,000	
14. Equipment and support of the Law School	16,500	33,000	
15. Equipment and maintenance of School of Pharmacy	10,000	20,000	
16. Equipment and maintenance of chemical laboratory	10,000	20,000	
17. Maintenance of the Graduate School	50,000	100,000	
	\$783,500	\$1,567,000	\$1,567,000
SECTION II.			
1. Additional equipment of the water station (2 installments) ..		\$ 6,000	
2. Telephone exchange		1,500	
3. For enlarging general heating and lighting plant		50,000	
4. Stack for law library		10,000	
5. Repairs to and reconstruction in gymnasium		8,000	
			75,500
			\$1,642,500
BUILDING BILL.			
1. New University Hall		\$250,000	\$250,000
AGRICULTURAL BILL.			
1. College	\$50,000	\$100,000	
2. Animal husbandry	25,000	50,000	
3. Corn and wheat breeding	15,000	30,000	
4. Soil survey	60,000	120,000	
5. Horticulture	15,000	30,000	
6. Dairy	15,000	30,000	
7. Floriculture	8,000	16,000	
8. Domestic science	2,500	5,000	
	\$190,500	\$381,000	381,000
MINING ENGINEERING BILL.			
1. Department of Mining Engineering	\$7,500	\$15,000	15,000
			\$2,288,500

AN ACT

Making appropriations for the University of Illinois.

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That there be and is hereby appropriated to the University of Illinois for the payment of salaries and for the ordinary operating expenses, the sum of five hundred and twenty-five thousand dollars (\$525,000.00) per annum.

For materials for shop practice, the sum of five thousand dollars (\$5,000.00) per annum.

For increase of historic, scientific and artistic cabinets and collections, two thousand dollars (\$2,000.00) per annum.

For additions to the library, twenty-five thousand dollars (\$25,000.00) per annum.

For additions to apparatus and appliances, three thousand dollars (\$3,000.00) per annum.

For fire protection, fifteen hundred dollars (\$1,500.00) per annum.

For laying pavements and walks, two thousand five hundred dollars (\$2,500.00) per annum.

For maintenance and extension of the Engineering College and expenses of the Engineering Experiment Station, eighty thousand dollars (\$80,000.00) per annum.

For painting and repairs on buildings and improvements to grounds, seventeen thousand five hundred dollars (\$17,500.00) per annum.

For carrying on the State Water Survey, five thousand dollars (\$5,000.00) per annum.

For draining and fencing and repairs on experimental farms, two thousand and five hundred dollars (\$2,500.00) per annum.

For maintenance of the Department of Social and Political Science and Industrial Economics, including instruction in banking, insurance, railway administration, etc., twenty-five thousand dollars (\$25,000.00) per annum.

For maintenance of the School of Music, three thousand dollars (\$3,000.00) per annum.

For equipment and support of the Law School, sixteen thousand and five hundred dollars (\$16,500.00) per annum.

For equipment and maintenance of the School of Pharmacy, ten thousand dollars (\$10,000.00) per annum.

For equipment and maintenance of Chemical Laboratory, ten thousand dollars (\$10,000.00) per annum.

For maintenance of the Graduate School, fifty thousand dollars (\$50,000.00) per annum.

SEC. 2. That there be and is hereby appropriated to the University of Illinois the following sums for additions to the plant:

For additional equipment of water station, three thousand dollars (\$3,000.00) per annum.

Increase of telephone exchange, fifteen hundred dollars (\$1,500.00)

For enlarging the general heating and lighting plant, fifty thousand dollars (\$50,000.00).

Stack for law library, ten thousand dollars (\$10,000.00).

Repairs to and reconstruction in gymnasium, eight thousand dollars (\$8,000.00).

SEC. 3. The Auditor of Public Accounts is hereby authorized and directed to draw his warrant on the Treasurer for the sums hereby appropriated payable out of any money in the treasury not otherwise appropriated upon the order of the Board of Trustees of said University, attested by its secretary, and the corporate seal of the University: *Provided*, that no part of said sum shall be due and payable to said University until satisfactory vouchers in detail, approved by the Governor, shall be filed with the Auditor for all previous expenditures incurred by the University on account of the appropriations hitherto made: *And, provided, further*, that vouchers shall be taken in duplicate, and original or duplicate vouchers shall be forwarded to the Auditor of Public Accounts for the expenditures of the sums appropriated in this act.

Approved June 14, 1909.

AN ACT

Making appropriations for the erection of buildings for the University of Illinois.

WHEREAS, The University of Illinois has grown with such great rapidity as to outrun all facilities in building and equipment which have been thus far provided; and

WHEREAS, The trustees represent that they need now for the present work of the institution, among others, the following buildings and equipment, costing approximately the sum set opposite the same, namely:

Administration building, two hundred and fifty thousand dollars.	\$250,000 00
Armory, one hundred and fifty thousand dollars	150,000 00
New University hall, two hundred and fifty thousand dollars ..	250,000 00
Addition to Library building, one hundred and fifty thousand dollars	150,000 00
Agricultural buildings, seven hundred and fifty thousand dollars	750,000 00
Music and Art building, including school of architecture, two hundred and fifty thousand dollars	250,000 00
Enlargement of engineering buildings, two hundred and fifty thousand dollars	250,000 00
Law library stacks, fifty thousand dollars	50,000 00
Museum building, two hundred and fifty thousand dollars	250,000 00
Housing the medical school, five hundred thousand dollars	500,000 00
Materials for testing laboratory, two hundred and fifty thousand dollars	250,000 00
Transportation laboratory, one hundred and fifty thousand dollars	150,000 00

Total\$3,250,000 00

WHEREAS, The trustees of the University of Illinois have urgently requested that at least the sum of two hundred and fifty thousand dollars (\$250,000) be appropriated by the Legislature as a special grant for this purpose in addition to other grants for the running expenses and support of the various departments of the University; therefore,

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the sum of two hundred and fifty thousand dollars (\$250,000) be and is hereby appropriated out of any funds in the State treasury not otherwise appropriated for the purpose of erecting and equipping the following buildings, costing not to exceed the sums set opposite the same, namely: New University hall, \$250,000.

SEC. 2. The Auditor of Public Accounts is hereby authorized and directed to draw his warrants upon the State Treasurer for the sums herein specified, upon the presentation of proper vouchers, so certified as aforesaid, and the said Treasurer shall pay the same out of any funds in the State treasury not otherwise appropriated.

Approved June 14, 1909.

AN ACT

To extend the equipment and increase the instruction in the College of Agriculture of the University of Illinois and to provide for the extension of the Agricultural Experiment Station, and to make appropriations therefor.

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That it shall be the duty of the College of Agriculture to give thorough and reliable instruction in the economic production of crops; the treatment of the different soils of the State in such manner as to secure the largest returns from each and without impairing its fertility; the principles of breeding and management of live stock, including animal diseases and a thorough knowledge of the various breeds and market classes; the economic and sanitary production of dairy goods, and the best methods of meeting existing market demands and of extending and developing trade in the agricultural productions of the State. That it shall be the further duty of said college to provide and maintain such live stock specimens, laboratories, apparatus and other material equipment, together with teachers of such experience and skill as shall make such instruction effective. That to carry out the provisions of this section there

be and hereby is appropriated the sum of fifty thousand dollars (\$50,000) annually for the years 1909 and 1910: *Provided*, that the disposition of the funds from time to time to carry out the intent of this Act shall be along lines agreed upon by the dean of the College of Agriculture and an advisory committee consisting of the presidents of the following State agricultural organizations, to-wit: The Illinois Farmers' Institute, the Illinois Live Stock Breeders' Association, the Illinois State Horticultural Society, the Illinois Corn Growers' Association, the Illinois State Dairymen's Association, and the Illinois State Florists' Association.

SEC. 2. That it shall be the duty of the Agricultural Experiment Station to conduct investigations calculated to develop the beef, pork, mutton, wool and horse producing interests of the State, and especially to devise and conduct feeding experiments intended to determine the most successful combination of stock foods, particularly in Illinois grains and forage crops, and to discover the most economical and successful methods of maintaining animals and fitting them for the market; to investigate live stock conditions, both at home and abroad, in so far as they affect market values, and to publish the results of such experiments and investigations. That to carry out the provisions of this section there be, and hereby is, appropriated the sum of twenty-five thousand dollars (\$25,000) annually for the years 1909 and 1910: *Provided*, that the work undertaken and outlined in this section shall be carried out on lines to be agreed upon by the director of the Agricultural Experiment Station and an advisory committee of five, to be appointed by the Illinois Live Stock Breeders' Association.

SEC. 3. That it shall be the duty of the Agricultural Experiment Station to conduct experiments in the several sections of the State, in order to discover the best methods of producing corn, wheat, oats, clover and other farm crops on the different soils and under the various climatic conditions of the State, and for the purpose of improving the varieties grown for special purposes; and that to carry out the provisions of this section, there be, and hereby is, appropriated the sum of fifteen thousand dollars (\$15,000) annually for the years 1909 and 1910: *Provided*, that the work outlined in this section shall be carried out on lines to be agreed upon by the director of the Agricultural Experiment Station and an advisory committee of five, to be appointed as follows: Two by the Illinois Corn Growers' Association, one by the Illinois Seed Corn Breeders' Association, and one by the Illinois Grain Dealers' Association, and one by the Farmers' Grain Dealers' Association.

SEC. 4. That it shall be the duty of the Agricultural Experiment Station to make chemical and physical examination of the various soils of the State, in order to identify the several types and determine their character; to make and publish an accurate survey with colored maps, in order to establish the location, extent and boundaries of each; to ascertain by direct experiment in laboratory and field what crops and treatment are best suited to each; whether the present methods are tending to best results and whether to the preservation or reduction of fertility, and what rotations and treatment will be most effective in increasing and retaining the productive capacity of Illinois lands; and that, to carry out the provisions of this section, there be, and hereby is, appropriated the sum of sixty thousand dollars (\$60,000) annually for the years 1909 and 1910: *Provided*, that the work outlined in this section shall be carried out on lines to be agreed upon by the director of the Agricultural Experiment Station and an advisory committee of five, to be appointed by the Illinois Farmers' Institute.

SEC. 5. That it shall be the duty of the Agricultural Experiment Station to discover and demonstrate the best methods of orchard treatment, the culture and marketing of fruits and vegetables, and the most effective remedies for insect and fungous enemies to fruits and vegetables; to make a systematic study of plant breeding, and to develop by means of crossing and selection new and improved varieties of fruits and vegetables, and that to carry out the provisions of this section there be, and hereby is,

appropriated the sum of fifteen thousand dollars (\$15,000) annually for the years 1909 and 1910: *Provided*, that the work undertaken and outlined in this section shall be carried out on lines to be agreed upon by the director of the Agricultural Experiment Station and an advisory committee of five, to be appointed by the Illinois State Horticultural Society.

SEC. 6. That it shall be the duty of the Agricultural Experiment Station to investigate the dairy conditions of the State; to discover and demonstrate improved methods of producing and marketing wholesale milk and other dairy products, and to promote the dairy interests of the State by such field assistance in the dairy sections upon farms and in the creameries and factories as shall tend to better methods and more uniform products; and that to carry out the provisions of this section, there be, and hereby is, appropriated the sum of fifteen thousand dollars (\$15,000) annually for the years 1909 and 1910: *Provided*, that the work undertaken and outlined in this section shall be carried out on lines to be agreed upon by the director of the Agricultural Experiment Station and an advisory committee of five, to be appointed by the Illinois State Dairymen's Association.

SEC. 7. That it shall be the duty of the Agricultural Experiment Station to discover and demonstrate the best methods of producing plants, cut flowers and vegetables under glass and the most effective remedies for disease and insect enemies of the same, to investigate and demonstrate the best varieties and methods of producing ornamental trees, shrubs and plants suitable for public and private ground in the various soils and climatic conditions of the State, and to disseminate information concerning the same; and that to carry out the provisions of this section, there be, and hereby is, appropriated the sum of eight thousand dollars (\$8,000) annually for the years 1909 and 1910: *Provided*, that the work undertaken and outlined in this section shall be carried out in lines to be agreed upon by the director of the Agricultural Experiment Station and an advisory committee of five, to be appointed by the Illinois State Florists' Association.

SEC. 8. That it shall be the duty of the College of Agriculture, through its department of Household Science, to make such investigations and give such instructions and demonstrations as are calculated to advance the art of practical housekeeping in the State with special reference to supply practical instruction to those desiring to take special courses in the science relating to and in the art of practical housekeeping, and that to carry out the provisions of this Act there be, and hereby is, appropriated two thousand five hundred (\$2,500) per annum, for the years 1909 and 1910.

SEC. 9. That the committees representing the several associations herein named shall meet at such times and places as may be designated by the dean of said college, or the director of the Agricultural Experiment Station, or upon request of a majority of the committee; that they shall serve without compensation, except for expenses, to be paid out of the respective funds, and that said committees shall make to their respective associations, at their annual meetings, full reports of the work in progress under the provisions of this Act.

SEC. 10. That the Auditor of Public Accounts is hereby authorized and directed to draw his warrant on the State Treasurer for the sums herein appropriated, upon the order of the chairman of the Board of Trustees of the University of Illinois, countersigned by its secretary, and with the corporate seal of said University, and no installment subsequent to the first shall be paid by the treasurer, nor warrant drawn therefor until detailed accounts, showing expenditures of the preceding installment, have been filed with the Auditor of Public Accounts: *Provided*, that no part of the funds herein appropriated, except in section 1, shall be used for salaries of teachers: *And, provided, further*, that any revenue arising from the operations of the several sections of this Act shall revert to the respective funds from which obtained for further extension of the work outlined. Nothing herein contained shall be deemed to take away from the Board of Trustees of the University of Illinois the usual authority,

conferred by law over the expenditure of moneys appropriated to said University. The recommendations of the committees herein provided for shall be advisory, but the use of the moneys herein appropriated shall rest in the discretion of said board for the purpose herein set forth, and said board shall account therefor.

Approved June 9, 1909.

AN ACT

Appropriating to the University of Illinois the money granted in an Act of Congress approved Aug. 30, 1890, entitled, "An Act to apply a portion of the proceeds of the public lands to the more perfect endowment and support of the colleges for the benefit of agricultural and mechanic arts," established under the provisions of an Act of Congress approved July 2, 1862. And the money granted by an Act of Congress approved March 4, 1907, entitled, "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908."

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the sum or sums of money which may have accrued or may hereafter (before the first day of July, 1911) accrue to the State of Illinois, under the provisions of an Act of the Congress of the United States, approved Aug. 30, 1890, entitled, "An Act to apply a portion of the proceeds of public lands to the more perfect endowment and support of the colleges for the benefit of agriculture and the mechanic arts established under the provision of an Act of Congress," approved July 2, 1862; and the money granted by an Act of Congress, approved March 4, 1907, entitled, "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," are hereby appropriated to the University of Illinois, and whenever any portion of the said money shall be received by the State Treasurer it shall immediately be due and payable into the treasury of said University.

SEC. 2. The Auditor of Public Accounts is hereby authorized and directed to draw his warrant on the Treasurer for the sums hereby appropriated, upon the order of the chairman of the Board of Trustees of said University, countersigned by its secretary and with the corporate seal of said University.

Approved June 9, 1909.

AN ACT

Authorizing and directing the establishment of a Department of Mining Engineering in the College of Engineering at the University of Illinois, and providing for the support of the same.

SECTION 1. *Be it enacted by the People of the State of Illinois, represented in the General Assembly:* That the trustees of the University of Illinois be authorized and directed to establish, in the College of Engineering, at the University, a Department of Mining Engineering.

SEC. 2. That the said Department of Mining Engineering shall offer such courses of instruction relating to the science and practice of mining as will best serve to train young men for efficient work in the various phases of the mining industry.

SEC. 3. That in addition to its work of instruction, the said Department of Mining Engineering shall, so far as practicable, concern itself with the development and dissemination of such scientific facts as are likely to be of service in improving the practice of mining, with reference to efficiency in operation, to the security of life in the mines, and to the conservation of the fuel and other mineral resources of the State.

SEC. 4. That there be and hereby is appropriated to the University of Illinois, to meet the cost of establishing and maintaining the said department of mining engineering, the sum of seven thousand five hundred dollars (\$7,500.00) per annum.

SEC. 5. The Auditor of Public Accounts is hereby authorized and directed to draw his warrant on the Treasurer for the sum hereby appropriated, payable out of any money in the treasury, not otherwise appropriated upon the order of the Board of Trustees of said University, attested by its secretary and with the corporate seal of said University thereto attached.

Approved June 8, 1909.

2. Recommendation that the funds granted by the Legislature for the biennium 1909-11 be assigned to the various purposes indicated in the law, subject to the usual appropriation acts by the Board of Trustees of the University.

The recommendation was adopted by the following vote: Yeas, Governor Deneen, Messrs. Abbott, Blair, Davison, Hatch, Grout, Meeker, Mrs. Evans, Mrs. Busey; nays, none; absent, Crebs, Moore, Mrs. Alexander.

3. The following recommendations for appointment:

(a) That Professor Henry Baldwin Ward of the University of Nebraska be appointed Professor of Zoölogy in the University of Illinois at a salary of four thousand dollars (\$4,000.00) per annum, work and salary to begin Sept. 1, 1909.

On motion of Mr. Blair, and by the following vote the appointment was made: Yeas, Governor Deneen, Messrs. Abbott, Blair, Davison, Grout, Hatch, Meeker and Mrs. Evans and Mrs. Busey; nays, none; absent, Crebs, Moore and Mrs. Alexander.

(b) 1. That W. S. Robertson be appointed assistant professor of history at a salary of two thousand dollars (\$2,000.00) per year, work and salary to begin Sept. 1, 1909.

2. That John A. Fairlie be appointed associate professor of political science at a salary of twenty-seven hundred and fifty dollars (\$2,750.00) per annum, work and salary to begin Sept. 1, 1909.

3. That Ernest L. Bogart be appointed associate professor of economics at a salary of twenty-five hundred dollars (\$2,500.00) per annum, work and salary to begin Sept. 1, 1909.

4. That Dr. Jacob Kunz be appointed assistant professor of physics at a salary not to exceed two thousand dollars per annum, for the term of two years from Sept. 1, 1909.

5. That Fred L. Charles be appointed assistant professor of agricultural education at a salary of twenty-five hundred dollars (\$2,500.00) per annum, work and salary to date from Sept. 1, 1909.

6. That Dr. W. S. Bagley be appointed director of the School of Education for one year from Sept. 1, 1909, at a salary as director and professor of education, of thirty-five hundred dollars (\$3,500.00) per annum from Sept. 1, 1909.

7. That the president of the University be authorized to offer the position of associate professor of the classics, at a salary of twenty-seven hundred and fifty dollars (\$2,750.00) from Sept. 1, 1909, to Professor W. A. Oldfather of Northwestern University.

8. That the president be authorized to offer the position of assistant professor of Romance Languages, at a salary of twenty-five hundred dollars (\$2,500.00) per annum, from Sept. 1, 1909, to Dr. John D. Fitzgerald of Columbia University.

9. That the president be authorized to offer an assistant professorship of the Scandinavian languages, at a salary of twenty-five hundred dollars (\$2,500.00) from Sept. 1, 1909, to George T. Flom, Professor in the University of Iowa.

10. That the president be authorized to offer an assistant professorship of education, at a salary of twenty-five hundred dollars (\$2,500.00) per annum, from Sept. 1, 1909, to Dr. Lewis F. Anderson of the Marquette State Normal School.

On motion of Mr. Grout, and by the following vote, recommendations 1 to 10 above were approved: Yeas, Governor Deneen, Messrs. Abbott, Blair, Davison, Grout, Hatch, Meeker and Mrs. Evans and Mrs. Busey.

THE CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING.

4. A letter from President Pritchett of the Carnegie Foundation for the Advancement of Teaching, concerning the admission of the University of Illinois to the benefits of the Carnegie Foundation.

576 FIFTH AVENUE,

NEW YORK, June 10, 1909.

DEAR PRESIDENT JAMES—At the meeting of the executive committee held on June 4, it found itself able to act in the case of only four institutions, the Universities of Wisconsin, Michigan, Minnesota and Toronto. In case of the Universities of Wisconsin and Minnesota the executive committee took no action toward the inclusion of the agricultural college. In taking this action it did not mean to take an antagonistic attitude toward agricultural education, but simply to indicate its belief that agricultural education was not yet sufficiently differentiated to enable it to act with certainty.

The reasons which induced the executive committee to delay action in the case of the University of Illinois were chiefly these:

1. The committee hesitates to approve, as admission to the foundation would imply, the arrangement by which, in maintaining on the campus a preparatory department, the University of Illinois intermingles secondary and college students and work. It is, in our judgment, questionable whether such overlapping is wholesome, whether viewed from the standpoint of the University, from that of the secondary school interests of the State, or from that of the individual students affected. At any rate, the subject is one upon which we desire further information.

2. The situation is more definite in respect to the University's relation to medical education. As to this there appears to us to be no doubt that the standards for which the University now makes itself responsible do not accord with our present policy in dealing with the professional departments of academic institutions.

I have also to report that I brought before the executive committee the recommendation for a retiring allowance in the case of William L. Pillsbury, Esq., registrar and secretary. He would, under the rules, be eligible to a retiring allowance in the case of an institution on the accepted list. The committee has, however, taken the position that it would not extend a retiring allowance to professors in institutions not upon the accepted list, except in the case of well-known men who had rendered extraordinary service as teachers, or in the case of men whose health was impaired and for whom further service was, therefore, a serious physical burden. The committee has felt that all other cases might well await the time when the institution had regularly completed its connection with the foundation. I am

Very sincerely yours,

HENRY S. PRITCHETT.

President Edmund J. James, University of Illinois, Urbana, Illinois.

Voted (1) that the question of the relation of the academy to the University be referred for consideration to the Committee on Instruction of the Board of Trustees and conference with a committee of the University Senate.

(2) That the question of the relation of the Medical School to the University be referred to the Committee on the College of Medicine for further report.

Further, that the dean of the Medical School be informed that the registrar of the University must approve all the applications for admis-

sion to the Medical School, either to the freshman class or to advanced standing, and that the registrar be instructed to require satisfactory evidence that all applicants have completed the fifteen units required for admission by the rule of the board.

Further, That the faculty of the Medical School are requested to put the medical laboratories as rapidly as possible into a thoroughly satisfactory condition.

The board then took a recess until 2:30 p. m.

Afternoon Session, June 24, 1909.

When the board met after recess the same members were present as during the morning session except Mr. Blair and, for a short time, Governor Deneen.

TREASURER'S REPORT.

The secretary presented the treasurer's report, which was referred to the Finance Committee:

H. A. HAUGAN, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS,
MARCH 31, 1909.

		<i>Dr.</i>	
1908 December	31	Balance as per last statement.....	\$647,219 42
1909 January	4	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	\$ 300 00
	5	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	640 00
	7	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	375 00
	8	Received from D. A. K Steele, actuary, for credit of College of Medicine fund.....	1,426 10
	8	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	335 00
	11	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	252 31
	11	Received from United States treasurer, quarterly federal appropriation, under Hatch Act, for credit of Agricultural Experiment Station fund.....	3,750 00
	11	Received from United States treasurer, quarterly federal appropriation under Adams Act, for credit Agricultural Experiment Station fund.....	2,750 00
	12	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	195 00
	13	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	210 00
	14	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.....	1,098 00
	14	Received from O. E. Staples for credit of general fund.....	1,066 51
	14	Received from State Auditor, for credit of general fund.....	394,845 00
	15	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	110 00
	19	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	215 00
	20	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.....	732 27
	20	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	95 00
	22	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.....	158 00

Treasurer's Report—Continued.

		<i>Dr.</i>	
1909			
January	23	Received from O. E. Staples for credit of general fund.	\$ 10,000 00
	23	Received from O. E. Staples, for credit of Agricultural Experiment Station fund.	210 30
	23	Received from State Auditor, interest on endowment fund from July 1, 1908, to Dec. 31, 1908, for credit of general fund.	16,036 97
	27	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	123 00
	30	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	65 00
February	1	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	140 00
	2	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	835 00
	2	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	4,154 09
	2	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	880 45
	3	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	50 00
	4	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	2,403 65
	6	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	100 00
	8	Received from O. E. Staples, for credit of general fund.	1,339 67
	9	Received from State Auditor, for credit of general fund.	133,750 00
	11	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	155 00
	13	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	4,221 73
	16	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	275 00
	16	Received from O. E. Staples, for credit of general fund.	20,000 00
	20	Received from O. E. Staples for credit of general fund.	20,000 00
	23	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	2,280 61
	23	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	90 00
	25	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	125 00
	25	Received from O. E. Staples, for credit of general fund.	2,113 05
	27	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	10 00
March	2	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	1,752 06
	2	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	1,624 00
	2	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	105 00
	3	Received from O. E. Staples, for credit of general fund.	10,000 00
	5	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	110 00
	9	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	105 00
	9	Received from State Bank of Chicago, interest on daily balances from Mar. 28, 1907, to Mar. 9, 1909, for credit of general fund.	17,712 60
	12	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	3,162 66
	15	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	105 00
	20	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	110 00
	20	Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	1,027 00
	23	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	145 00
	24	Received from O. E. Staples, for credit of general fund.	1,766 79
	31	Received from O. E. Staples, for credit of general fund.	10,000 00
	31	Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	70 00
			<u>\$675,706 82</u>
			<u>\$1,322,926 24</u>

Treasurer's Report—Concluded.

		Cr.		
1909				
March	31	By amount paid out of general fund as per list of warrants herewith.....	\$368,580 15	
	31	By amount paid out College of Medicine fund, as per list of warrants herewith.....	18,991 99	
	31	By amount paid out of School of Pharmacy fund, as per list of warrants herewith.....	4,488 48	
	31	By amount paid out of Agricultural Experiment Station fund as per list of warrants herewith.....	6,982 68	
				\$399,043 30
		<i>Balances—</i>		
		General fund.....	\$907,375 74	
		College of Medicine fund.....	14,603 44	
		School of Pharmacy fund.....	1,425 21	
		Agricultural Experiment Station fund.....	478 55	
				923,882 94
				<u>\$1,332,926 24</u>

Respectfully submitted,

H. A. HAUGAN,
Treasurer.

APPOINTMENTS.

President James presented the following list of appointments which were received for record; also a report of the appointments of fellows and scholars for the coming year. This was received for record and printing in the minutes.

The following appointments have been made by me since the last report with regard to appointments:

Lawrence Egar Wilkinson, assistant in Architecture, second semester, 1908-9, at a salary of \$50.00 for the semester.

Dr. Burrill made the following appointment:

Miss Frances Webb, stenographer and typewriter in registrar's office in place of Miss Eva Saxton, resigned, at a salary of \$50.00 a month from April 7, to August 31, 1909.

James Howard Brown, assistant in Zoölogy for the summer session, at a salary of \$50.00 for the session.

Edna Perry, assistant in Zoölogy, for the summer session, at a salary of \$50.00 for the session.

Margaret Hutchins, reference assistant in the Library in summer session (7 weeks) from July 1 through August 18, at \$14.00 per week.

F. C. Lohman, shelf assistant, in University Library, in place of F. A. Wilson, resigned, salary \$40.00 a month, from July 1, to August 31, 1909.

Lois A. Reed, order assistant, in Library, in place of Helen B. Gracie, salary \$65.00 per month from June 21, to August 31, 1909.

SCHOLARSHIPS AND FELLOWSHIPS.

I have appointed the following scholars and fellows for the year 1909-10:

Department.	Name.	First Degree, Date and Institute.	Fellowship or scholarship.	Stipend.
Agronomy....	J. F. Eastman.....	B. S. 1907, New Hamp., A. C....	S.	\$250
	W. B. Gernert.....	B. S. 1907, Kans., A. C....	F.	350
An. Hus.....	Paul A. Hoffman.....	B. S. 1909, Illinois.....	S.	250
Botany.....	P. A. Lehenbauer.....	B. S. 1903, Jas. Millikin.....	S.	250
	Mary O. McGinnis.....	A. B. 1902, Illinois.....	S.	250
Chemistry.....	J. H. Brown.....	B. S. 1906, Ill. Coll.....	F.	300
	C. E. Burke.....	A. B. 1907, Woodstock, Coll.....	F.	300
	T. R. Ernest.....	A. M. 1908, Illinois.....	F.	300
	H. B. Gordon.....	A. B. 1908, Miami.....	F.	300
	A. W. Homberger.....	A. B. 1905, Wisconsin.....	F.	400
	J. Kostalek.....	A. B. 1907, Wisconsin.....	F.	350
	D. A. McInnes.....	B. S. 1907, Utah.....	F.	300
	H. A. Matill.....	A. M. 1907, Western Reserve.....	F.	350
Classics.....	Anna M. Ballans.....	A. B. 1909, Knox College.....	S.	250
	Flora E. Farmer.....	A. B. 1909, Ewing College.....	S.	250
Economics....	Carl C. Gamertsfelder.....	A. B. 1909, N. W. College.....	S.	250
	B. M. Anderson.....	A. B. 1906, Missouri.....	F.	300
	Elmer J. Brown.....	A. B. 1908, Greenville.....	F.	250
	Ray M. Dillon.....	A. B. 1909, Lombard College.....	S.	250
English.....	Lorinda Perry.....	A. B. 1909, Illinois.....	S.	250
	Zelda M. Ayres.....	A. B. 1909, Lake Forest.....	S.	250
	S. E. Bennett.....	A. B. 1907, Lincoln College.....	S.	250
	H. L. Creek.....	A. M. 1905, Butler Coll.....	F.	500
	J. W. Irwin.....	Wabash Coll.....	S.	250
	Stella M. Morgan.....	A. B. 1903, Illinois.....	S.	250
	Max Ravitch.....	A. B. 1909, Missouri.....	F.	300
	Esther Ballew.....	A. B. 1909, Hedding College.....	S.	250
Education....	R. A. Cummins.....	A. B. 1909, Ill. Wesleyan.....	S.	250
French.....	Anne M. Applegate.....	A. M. 1909, Illinois.....	F.	350
	Mark Skidmore.....	A. B. 1905, Missouri.....	F.	400
German.....	Margaret L. Bailey.....	A. B. 1903, Cornell.....	S.	250
	Mary L. Gay.....	A. B. 1906, Illinois.....	S.	250
	Emma G. Jaack.....	A. M. 1908, Illinois.....	F.	350
	Eleanor B. Scott.....	A. B. 1909, Augustana Coll.....	S.	250
	G. W. Spindler.....	A. M. 1908, University of Indiana.....	F.	300
	V. H. Todd.....	A. B. 1907, Harvard.....	S.	250
History.....	P. E. Werchshagen.....	A. M. 1908, Illinois.....	F.	350
	D. O. Clark.....	A. B. 1906, Drury.....	F.	300
	E. V. James.....	A. M. 1909, Marietta.....	S.	250
	T. N. Jones.....	A. B. 1909, Illinois.....	S.	250
	A. C. Millspaugh.....	A. B. 1908, Albion College.....	S.	250
	P. C. Phillips.....	A. M. 1909, Illinois.....	F.	500
Math.....	E. V. Tubbs.....	A. B. 1909, N. W. University.....	S.	250
	Eliz. R. Bennett.....	A. M. 1908, Illinois.....	F.	350
	C. A. Fischer.....	A. B. 1905, Wheaton.....	S.	250
	J. M. Kinney.....	A. M. 1907, Nebraska.....	F.	350
	B. G. Lehenbauer.....	A. B. 1909, Jas. Millikin.....	S.	250
	E. B. Stouffer.....	M. S. 1907, Drake Univ.....	F.	300
Physics.....	Margaret Chase.....	A. B. 1909, Knox College.....	S.	250
	W. H. Hyslop.....	A. B. 1908, Knox College.....	S.	250
	E. H. Williams.....	A. M. 1906, Wisconsin.....	F.	400
	H. R. Woodrow.....	B. S. 1909, Drake Univ.....	S.	250
Pol. Sci.....	W. E. Britton.....	A. B. 1909, McKendree Coll.....	S.	250
Psychol.....	Sarah E. Fisher.....	A. B. 1909, Lombard Coll.....	S.	250
	Vere D. Perring.....	A. B. 1909, Illinois.....	S.	250
T. & A. M.....	Simon Ingberg.....	.....	F.	300
Zoölogy.....	Hugh Glasgow.....	B. S. 1908, Illinois.....	F.	300
	R. D. Glasgow.....	B. S. 1908, Illinois.....	F.	300
	H. T. Osborn.....	A. B. 1909, O. State Univ.....	S.	250
	M. C. Tanquary.....	A. B. 1907, Illinois.....	F.	300
	H. J. VanCleave.....	B. S. 1909, Knox College.....	S.	250
	W. E. Joseph.....	B. S. 1907, Purdue.....	S.	250
An. Hus.....	R. H. Williams.....	M. S. 1907, Illinois.....	F.	400
Arch.....	Arselia B. Martin.....	.....	S.	250
Economics....	A. E. Swanson.....	A. M. 1909, Illinois.....	F.	300
	Chin-Chung Wang.....	A. M. 1909, Illinois.....	F.	300
R. Lang.....	Margaret S. Duncan.....	A. B. 1908, Bryn Mawr.....	F.	250
Econ.....	V. B. Robinson.....	A. B. 1909, Blackburn Coll.....	S.	250
Hist.....	W. S. Adams.....	A. B. 1907, Greenville Coll.....	S.	250
Math.....	C. J. West.....	A. B. 1908, O. State Univ.....	S.	250
Sociol.....	H. W. Gieger.....	A. M. 1908, S. Univ. of Iowa.....	F.	300
Greek.....	Ola E. Huston.....	A. B. 1909, Carthage Coll.....	S.	250

Honorary
Honorary

COMPTROLLER'S REPORT.

The secretary presented the comptroller's report, which was referred to the Finance Committee:

URBANA, ILL., June 14, 1909.

W. L. Abbott, Esq., President Board of Trustees, University of Illinois.

SIR—I have the honor to hand you herewith the following financial statements and papers:

Paper A is a statement of the current appropriations March 31, 1909.

Paper B is a statement of the State appropriations March 31, 1909.

Paper C is a statement of the United States fund March 31, 1909.

Paper E is a statement of the United States Agricultural Experiment Station appropriations March 31, 1909.

Paper F is a statement of the School of Pharmacy appropriations March 31, 1909.

Paper G is a statement of the College of Medicine appropriations March 31, 1909.

Paper H is an estimate of the receipts and expenses for the twelve months ending June 30, 1910.

Paper I is a list of the appropriations the board is requested to make at this time.

Paper L is a report of the receipts by the chief clerk for the three months ending March 31, 1909.

Paper M is a list of the general University vouchers presented for audit, being Nos. 7251 to 11075, inclusive.

Paper O is a list of the United States Agricultural Experiment Station vouchers presented for audit, being Nos. 209 to 342, inclusive.

Paper P is a list of the School of Pharmacy vouchers presented for audit, being Nos. 155 to 219, inclusive.

Paper Q is a list of the College of Medicine vouchers presented for audit, being Nos. 546 to 968, inclusive.

Paper R is a request from Dean Davenport for appropriation of the receipts of the different departments of the College of Agriculture.

Paper S is a financial statement of the College of Medicine for the year May 15, 1908, to May 15, 1909.

Respectfully submitted,

S. W. SHATTUCK,
Comptroller.

PAPER A—CURRENT APPROPRIATIONS.

March 31, 1909.	Appropriated.	Expended.	Balance.
Salaries for instruction.....	\$10,000 00	\$ 9,324 26	\$ 675 74
Salaries for services.....	8,000 00	7,938 76	61 24
Buildings and grounds.....	10,000 00	8,417 79	1,582 21
Heat and light.....	500 00	461 15	38 85
Stationery and printing.....	2,000 00	1,176 19	823 81
Academy, salaries.....	10,556 50	9,194 62	1,361 88
Agricultural College.....	41,017 73	29,853 27	11,164 46
<i>Departments—</i>			
Applied chemistry.....	42 87	26 21	16 66
Architecture.....	420 80	107 32	313 48
Ceramics.....	91 00	86 34	4 66
Civil engineering.....	1,020 82	474 14	546 68
Domestic science.....	292 00	24 00	268 00
Mechanical engineering.....	2,849 21	2,030 27	818 94
Military.....	508 01	508 01	.....
Railway engineering.....	181 27	181 27	.....

Paper A—Concluded.

March 31, 1909.	Appropriated.	Expended.	Balance.
<i>Laboratories—</i>			
Academy	\$ 354 50	\$ 342 76	\$ 11 74
Applied mechanics	1,162 99	1,024 82	138 17
Astronomy	1 65	1 65	—
Botany	1,131 00	639 85	491 15
Chemical	15,182 87	12,958 93	2,223 94
Electrical	1,008 75	670 81	338 44
Entomology	99 00	3 35	95 65
Geology	338 50	159 63	178 87
Municipal and sanitary engineering	152 00	3 47	148 53
Physics	1,982 00	1,078 03	903 97
Physiology	164 18	164 18	—
Psychology	96 00	31 03	64 97
Zoology	877 91	877 91	—
Incidentals	5,000 00	3,645 55	1,354 45
Library and apparatus	1,000 00	70 12	929 88
<i>Sundries—</i>			
Academy	800 00	800 00	—
Accountancy	3,434 23	1,110 52	2,323 71
Agricultural College, equipment receipts	39 92	39 92	—
<i>Alumni Quarterly</i>	1,100 00	827 75	272 25
Art and design	300 00	176 15	123 85
Astronomy	500 00	315 13	184 87
Blue printing	2,000 00	1,846 64	153 36
Ceramics, receipts	56 42	56 42	—
Clark, T. A. office	1,650 00	1,262 07	387 93
Classics	100 00	1 13	98 87
Crop experiments, receipts	5,734 75	7 50	5,727 25
Dairy investigation, receipts	2,482 82	448 27	2,034 55
Debating and oratory	400 00	232 58	167 42
Editing catalogue	800 00	474 23	325 77
English	583 70	517 55	66 15
Feeding experiments, receipts	2,943 61	468 42	2,475 19
Furniture and fixtures	1,000 00	437 44	562 56
Graduate School, receipts	127 50	—	127 50
High School Conference	750 00	496 21	253 79
History	50 00	42 25	7 75
Library School	1,000 00	608 40	391 60
Library supplies	500 00	443 25	56 75
College of Literature and Arts	400 00	298 58	101 42
Mathematics	500 00	213 72	286 28
Modern languages	100 00	11 22	88 78
School of Music	600 00	430 45	169 55
Nutrition investigation	10,954 98	10,570 86	384 12
Oratorical Association	275 00	275 00	—
<i>Journal of Philology</i>	811 12	754 21	56 91
Physical training, men	1,000 00	544 07	455 93
Physical training, women	600 00	317 83	282 17
Psychology	500 00	266 99	233 01
Public school drawing exhibit	50 00	3 70	46 30
Rebates to students	4,000 00	3,112 96	887 04
College of Science	300 00	213 80	86 20
Snyder fund, principal	4,000 00	3,910 00	90 00
Snyder fund, interest	516 93	300 00	216 93
Soil examination, receipts	602 57	434 97	167 60
Summer Session	1,239 67	505 29	734 38
Supervising Architect's office	1,000 00	463 36	536 64
Theme reading	500 00	297 72	202 28
Treatment of orchards, receipts	982 01	309 97	672 04
University fellowships	2,400 00	1,575 00	825 00
Water Survey, receipts	1,115 17	571 11	544 06
Woman's Hall	500 00	400 37	99 63
Zoology	700 00	586 63	113 37
High School Oratorical Contest	400 00	81 10	318 90
	\$176,431 96	\$128,535 93	\$47,896 03

PAPER B—STATE APPROPRIATIONS.

March 31, 1909.	Appropriated.	Expended.	Balance.
1907-1909.			
<i>Agricultural College Equipment</i>	\$100,000 00	\$80,183 30	\$19,816 70
<i>Agricultural Experiment Station—</i>			
Crop experiments	\$30,000 00	\$27,889 68	\$ 2,110 32
Dairy investigations	30,000 00	27,786 68	2,213 32
Feeding experiments	50,000 00	49,989 50	10 50
Floriculture	15,000 00	13,969 59	1,030 41
Soil examinations	50,000 00	43,432 07	6,567 93
Treatment of orchards	30,000 00	19,534 21	10,465 79
<i>Domestic Science</i>	\$20,000 00	\$8,748 50	\$11,251 50
<i>Teachers and Institutes</i>	\$12,000 00	\$11,137 56	\$862 44
<i>Drains, Fences and Repairs</i>	\$10,000 00	\$7,674 92	\$2,325 08
<i>Interest on Endowment Fund—</i>			
General	\$31,998 36	\$23,979 87	\$8,018 49
Agricultural College	31,998 35	29,479 75	2,518 60
	\$63,996 71	\$53,459 62	\$10,537 09
<i>Apparatus and Materials—</i>			
Closed out	\$1,700 00	\$1,700 00	.....
Botany	1,300 00	1,147 28	\$152 72
Geology	700 00	678 28	21 72
Mathematics	300 00	300 00	.....
Physiology	2,000 00	1,436 83	563 17
	\$6,000 00	\$5,262 39	\$737 61
<i>Engineering Extension and Maintenance—</i>			
Experiment Station	\$59,000 00	\$49,264 82	\$9,735 18
Architecture	3,500 00	3,292 63	207 37
Civil engineering	5,000 00	3,914 99	1,085 01
Electrical engineering	8,500 00	8,108 29	391 71
Mechanical engineering	13,000 00	11,935 79	1,064 21
Railway engineering	8,500 00	5,077 42	3,422 58
Physics	8,500 00	6,542 33	1,957 67
Applied Mechanics	9,000 00	7,376 66	1,623 34
Fellowships	8,000 00	4,858 33	3,141 67
College in general and general engineering drawing	2,000 00	2,000 00	.....
Salaries	25,000 00	25,000 00	.....
	\$150,000 00	\$127,371 26	\$22,628 74
<i>Buildings and Grounds</i>	\$28,690 00	\$28,690 00	.....
<i>Cabinets</i>	\$4,000 00	\$2,365 79	\$1,634 21
<i>Ceramics</i>	\$15,000 00	\$13,129 29	\$1,870 71
<i>Chemical Laboratory</i>	\$20,000 00	\$19,514 34	\$485 66
<i>School of Commerce</i>	\$50,000 00	\$33,271 70	\$16,728 30
<i>Entomology</i>	\$50,000 00	\$37,717 26	\$12,282 74
<i>Graduate School</i>	\$100,000 00	\$39,008 44	\$60,991 56
<i>Heating Plant</i>	\$35,000 00	\$10,486 60	\$24,513 40
<i>College of Law</i>	\$30,000 00	\$25,321 83	\$4,678 17
<i>Library</i>	\$50,000 00	\$31,299 07	\$18,700 93
<i>School of Music</i>	\$6,000 00	\$6,000 00	.....
<i>Natural History Hall</i>	\$150,000 00	\$60,633 43	\$89,366 57

Paper B—Concluded.

March 31, 1909.	Appropriated.	Expended.	Balance.
<i>School of Pharmacy</i>	\$10,000 00	\$8,360 00	\$1,640 00
<i>Physics Building</i>	\$250,000 00	\$66,108 57	\$183,891 43
<i>Shop Practice</i>	\$10,000 00	\$8,808 69	\$1,191 31
<i>Telephone Exchange</i>	\$1,500 00	\$1,482 69	\$17 31
<i>Research Laboratory</i>	\$30,000 00	\$4,372 43	\$25,627 57
<i>Water Station</i>	\$3,000 00	\$991 74	\$2,008 26
<i>Water Survey</i>	\$12,000 00	\$12,000 00	.....
<i>Operating Expenses—</i>			
Closed out.....	\$ 18,764 32	\$ 18,764 32	.....
Salaries for instruction.....	490,000 00	461,103 13	\$28,896 87
Salaries for services.....	126,392 62	124,534 91	1,857 71
Accredited schools.....	1,800 00	1,574 63	225 37
Administrative offices.....	1,000 00	894 22	605 78
Advertising, postage, etc.....	12,223 38	12,213 43	9 95
Board expense.....	4,800 00	3,830 18	969 82
Botany.....	1,400 00	1,400 00	.....
Brake shoe testing machine.....	6,000 00	2,207 05	3,792 95
Buildings and grounds.....	20,598 36	19,126 41	1,471 95
Drop testing machine.....	4,000 00	1,689 08	2,310 92
Education.....	3,200 00	1,241 75	1,958 25
Engineering College.....	5,000 00	1,674 88	3,325 12
Engineering Experiment Station.....	3,000 00	2,576 61	423 39
Forge extension.....	2,800 00	2,800 00	.....
Furniture and fixtures.....	6,500 91	5,976 29	524 62
Geology.....	2,436 78	1,972 32	464 46
Heat and light.....	68,219 39	62,022 80	6,196 59
Lectures.....	10,000 00	3,667 29	6,332 71
Library newspaper racks.....	2,500 00	.....	2,500 00
College of Literature and Arts.....	300 00	267 72	32 28
College of Science.....	250 00	250 00	.....
Stationery and printing.....	10,505 89	10,318 47	187 42
Summer Session.....	27,123 48	13,256 43	13,867 05
University Studies.....	1,533 60	215 32	1,318 28
Unassigned.....	69,651 27	.....	69,651 27
	\$900,000 00	\$753,077 24	\$146,922 76

PAPER C—UNITED STATES FUND.

March 31, 1909.	Appropriated.	Expended.	Balance.
<i>Morril Fund—</i>			
General.....	\$12,500 00	\$12,500 00	.....
Agricultural College.....	12,500 00	12,500 00	.....
<i>Nelson Fund—</i>			
General.....	5,000 00	5,000 00	.....
Agricultural College.....	5,000 00	3,499 95	\$1,500 05
	\$35,000 00	\$33,499 95	\$1,500 05

PAPER F—SCHOOL OF PHARMACY.

March 31, 1909.	Appropriated.	Expended.	Balance.
Salaries.....	\$4,322 60	\$4,322 60	
Buildings and grounds.....	4,338 69	4,338 69	
Fuel and light.....	863 85	863 85	
Taxes.....	3,301 95	3,301 95	
Stationery and printing.....	91 22	91 22	
Laboratories.....	2,470 33	2,470 33	
Library.....	18 28	18 28	
Incidentals.....	394 82	394 82	
Advertising.....	813 37	813 37	
Furniture and fixtures.....	95	95	
Unassigned.....	383 94		\$383 94
	\$17,000 00	\$16,616 06	\$383 94

PAPER E—UNITED STATES AGRICULTURAL EXPERIMENT STATION.

March 31, 1909.	Appropriated.	Expended.	Balance.
<i>Hatch Fund—</i>			
Salaries.....	\$5,233 35	\$5,233 35	
Labor.....	2,002 68	2,002 68	
Publications.....	1,157 17	1,157 17	
Postage and stationery.....	228 36	228 36	
Freight and express.....	66 56	66 56	
Chemical supplies.....	6 80	6 80	
Seeds, plants and sundries.....	143 35	143 35	
Library.....	26 99	26 99	
Furniture and fixtures.....	102 50	102 50	
Tools, implements, etc.....	82 25	82 25	
Scientific apparatus.....	72 30	72 30	
Traveling expenses.....	109 25	109 25	
Contingent expenses.....	15 00	15 00	
Unassigned.....	5,753 44		\$5,753 44
	\$15,000 00	\$9,246 56	\$5,753 44
<i>Adams Fund—</i>			
Salaries.....	\$7,108 25	\$7,108 25	
Labor.....	1,588 67	1,588 67	
Postage and stationery.....	45	45	
Freight and express.....	31 03	31 03	
Chemical supplies.....	9 63	9 63	
Seeds, plants and sundries.....	252 23	252 23	
Feeding stuff.....	308 78	308 78	
Tools, implements, etc.....	20 28	20 28	
Traveling expenses.....	19 14	19 14	
Unassigned.....	1,661 54		\$1,661 54
	\$11,000 00	\$9,338 46	\$1,661 54
<i>Hatch Farm Fund—</i>			
Labor.....	\$78 65	\$78 65	
Sundries.....	90 52	90 52	
	\$169 17	\$169 17	
<i>Adams Farm Fund—</i>			
Labor.....	\$160 80	\$160 80	
Sundries.....	283 31	283 31	
	\$444 11	\$444 11	

PAPER G—COLLEGE OF MEDICINE.

March 31, 1909.	Appropriated.	Expended.	Balance.
Salaries for instruction	\$ 9,885 61	\$ 9,885 61	
Salaries for services	12,696 84	12,696 84	
Buildings and grounds	13,288 33	13,288 33	
Fuel and lights	4,253 64	4,253 64	
Stationery and printing	957 68	957 68	
Laboratories	4,308 99	4,308 99	
Library	195 85	195 85	
Apparatus and materials	2,355 89	2,355 89	
Incidentals	1,486 63	1,486 63	
Advertising	2,206 99	2,206 99	
Furniture and fixtures	104 42	104 42	
Sundries	1,589 96	1,589 96	
<i>College of Dentistry—</i>			
Instruction	6,474 97	6,474 97	
Services	1,440 00	1,440 00	
General	3,777 22	3,777 22	
Unassigned	976 98		\$976 98
	\$66,000 00	\$65,023 02	\$976 98

PAPER I—APPROPRIATIONS FOR THE THREE MONTHS ENDING SEPT. 30, 1909.

Board expense	\$ 800 00	
Salaries for instruction	100,000 00	
Salaries for services	22,000 00	
Buildings and grounds	5,000 00	
Fuel, light and electric power	10,000 00	
Stationery, printing, etc.	2,000 00	
Advertising, postage, etc.	2,000 00	
Departments	3,000 00	
Laboratories	6,000 00	
Furniture and fixtures	1,000 00	
Incidentals	2,000 00	
Rebates to students	2,000 00	
Edward Snyder fund, loans	2,000 00	
Blue printing	500 00	
		\$158,300 00
School of Pharmacy	\$ 5,000 00	
College of Medicine	25,000 00	
		30,000 00
		\$188,300 00
Agricultural College, six months	\$46,750 00	
Agricultural Experiment Station, six months	83,000 00	
		129,750 00
		\$318,050 00

PAPER L—RECEIPTS AND REMITTANCES OF THE CHIEF CLERK FOR THE THREE MONTHS ENDING MAR. 31, 1909.

Balance Dec. 31, 1908		\$12,457 52
University fees	\$34,209 75	
Academy fees	4,824 00	
Special fees	10,897 00	
Students deposits	19 25	
Locker fees	141 00	
Buildings and grounds	114 80	
Agricultural College	15,678 35	
Applied mechanics laboratory	327 20	
Electrical laboratory	5 09	
Architectural department	1 80	
Civil Engineering department	81 25	
Mechanical Engineering department	731 24	

Paper L—Concluded.

Band instruments, deposits	\$ 5 00	
Adams fund, receipts	1,197 18	
Hatch fund, receipts	11 42	
Floriculture, receipts	56 60	
Soil examination, receipts	141 23	
Dairy investigation, receipts	242 31	
Crop experiments, receipts	1,101 56	
Feeding experiments, receipts	1,973 86	
Edward Snyder fund, principal	549 50	
Edward Snyder fund, interest	197 51	
Piano rentals	45 00	
Interest on land contracts	142 52	
Blue print department, receipts	790 47	
Water Survey, receipts	83 32	
Certified Public Accountancy	154 75	
<i>Journal of Philology</i>	215 35	
Incidentals	6 67	
		\$73,944 98
		\$86,402 50
<i>Remittances to H. A. Haugan, Treasurer—</i>		
1909.		
January 13, credit warrants	\$ 1,066 51	
January 22, Chicago draft	10,210 30	
February 5, credit warrants	1,339 67	
February 15, Chicago draft	20,000 00	
February 18, Chicago draft	20,000 00	
February 24, credit warrants	2,113 05	
March 2, Chicago draft	10,000 00	
March 23, credit warrants	1,766 79	
March 30, Chicago draft	10,000 00	
		\$76,496 32
Balance Mar. 31, 1909		9,906 18
		\$86,402 50

PAPER R—DEPARTMENT RECEIPTS APPROPRIATED.

<i>College—</i>		
Department of Agronomy	\$ 100 00	
Department of Animal Husbandry	3,000 00	
Department of Horticulture	500 00	
Department of Dairy Husbandry	10,000 00	
Department of Household Science	200 00	
<i>Station—</i>		
Investigation in soils	200 00	
Investigation in crops	1,000 00	
Investigation in orchards	100 00	
Investigation in floriculture	100 00	
Investigation in animal husbandry	2,000 00	
Investigation in dairy husbandry	2,000 00	
<i>United States Station—</i>		
Hatch fund receipts	300 00	
Adams fund receipts	1,000 00	

FINANCIAL STATEMENT OF THE COLLEGE OF MEDICINE FOR THE YEAR ENDING
MAY 15, 1909.

RECEIPTS.

Medical department	\$71,588 37
Dental department	18,499 01
Interest on bonds	240 00
Total receipts	\$90,327 38

EXPENDITURES.

Medical department.....	\$65,871 29
Dental department.....	15,644 69
Total expenditures.....	\$81,515 98
Credit balance for payment of second installment of rent and interest.....	8,811 40
Deficit for the year.....	2,714 63

S. W. SHATTUCK,
Comptroller.
 D. A. K. STEELE,
Actuary.

May 20, 1909.

APPROPRIATIONS.

On motion of Mr. Hatch, and by the following vote, the appropriations were made in accordance with papers I and R: Yeas, Messrs. Abbott, Davison, Hatch, Grout and Meeker and Mrs. Evans and Mrs. Busey; absent, Governor Deneen and Messrs. Crebs, Blair, Moore and Mrs. Alexander.

[REDACTED]

IN MEMORY OF HELGE A. HAUGAN.

Mr. Abbott presented the following, which was adopted:

Helge Alexander Haugan, late treasurer of the University of Illinois, was born in Christiana, Norway, in 1847. He came to America in early childhood and to Chicago in 1863, and from that time until his death, May 17, 1909, was a resident of the State of Illinois.

With scant educational advantages in his youth, but with energy, courage, and a clear and morally upright mind, he took a leading part in founding and building up a great commercial institution, of which he was the responsible head at the time of his death. Nor was he so absorbed in affairs of business that he neglected his civic and other duties, but gave freely of his time and means to the cause of good government and the moral up-building of his community.

Mr. Haugan represented the highest type of the race and of the immigrant to which this country owes so much, and although he was taken away in the prime of his mature usefulness, the good which he wrought remains as a heritage to the community in which he lived.

C. S. DENEEN,
 W. L. ABBOTT,
Committee.

[REDACTED]

REPORT OF THE EXECUTIVE COMMITTEE.

Mr. Abbott, as chairman of the Executive Committee, presented report of the meetings held June 14 and 15, 1909.

(See pages of minutes, 146 to 155, inclusive.)

SECRETARY'S RESIGNATION WITHDRAWN.

On motion of Mr. Meeker it was voted to reconsider the action taken whereby the resignation of the secretary, Mr. Pillsbury, was accepted.

On motion of Mr. Meeker and by the following vote the secretary was asked to withdraw his resignation: Yeas, Messrs. Abbott, Davison,

Hatch, Grout, Meeker and Mrs. Evans and Mrs. Busey; nays, none; absent, Governor Deneen, Crebs, Blair, Moore and Mrs. Alexander; and thereupon Mr. Pillsbury withdrew his resignation.

MATTERS PRESENTED BY PRESIDENT JAMES.

The president of the University presented additional matters for consideration as follows:

5. That Albert S. Wilson be appointed assistant director of the Library school, with the rank of assistant professor in the University, for the academic year 1909-10, at a salary of two thousand dollars (\$2,000.00) per annum, beginning Sept. 1, 1909.

That the salary of Frances Simpson as assistant professor in the Library school be increased to seventeen hundred dollars (\$1,700.00) per annum, from Sept. 1, 1909.

That Florence R. Curtis be appointed instructor in the Library school for one year with a salary of one thousand dollars (\$1,000.00) per annum, beginning Sept. 1, 1909.

On motion of Mr. Hatch and by the following vote the recommendations were adopted: Yeas, Messrs. Abbott, Davison, Hatch, Grout, Meeker, Mrs. Evans and Mrs. Busey; nays, none; absent, Governor Deneen, Messrs. Crebs, Blair, Moore and Mrs. Alexander.

6. That C. M. McConn be appointed principal of the Academy at a salary of eighteen hundred dollars (\$1,800.00) per annum, for one year, from Sept. 1, 1909.

That the following additional appointments be made for the same period at the salaries indicated.

1. G. M. Palmer, instructor.....	\$1,050 00
2. Celia A. Drew, instructor.....	900 00
3. Ava D. Steele, instructor.....	900 00
4. C. M. Thompson, instructor.....	1,000 00
5. ——— Vice A. J. Hill, instructor.....	900 00
6. ——— Vice A. Gore, instructor.....	900 00
7. F. W. Thomas, instructor.....	1,000 00
8. Margaret A. Scott, instructor.....	900 00
9. F. C. Keeler, instructor.....	1,000 00
10. H. T. Nightingale, instructor.....	1,100 00
11. C. W. Sandifur, instructor.....	1,000 00
12. J. P. Gilbert, instructor.....	1,100 00
13. ———, instructor in bookkeeping and geography.....	900 00

Voted that the above recommendations be approved.

On motion of Mrs. Busey and by the following vote the recommendations were adopted: Yeas, Messrs. Abbott, Davison, Hatch, Grout, Meeker, Mrs. Evans and Mrs. Busey; nays, none; absent, Governor Deneen, Crebs, Blair, Moore and Mrs. Alexander.

7. Recommendation that the salaries of the different professors and instructors in the law school for the academic year, beginning Sept. 1, 1909, be fixed as follows:

Oliver A. Harker, Dean, professor of law, and counsel of the University.....	\$4,000 00
Frederick Green, Professor of Law.....	3,000 00
G. L. Clark, Professor of Law.....	3,000 00
Barry Gilbert, Professor of Law.....	3,000 00
T. W. Hughes, Professor of Law.....	2,500 00
E. J. Northrup, Associate Professor of Law.....	2,500 00
T. B. Cosgrove, Instructor in law for one year.....	1,900 00

On motion of Mr. Grout and by the following vote the recommendations were adopted: Yeas, Messrs. Abbott, Davison, Hatch, Grout, Meeker, Mrs. Evans and Mrs. Busey; nays, none; absent, Governor Deneen, Crebs, Blair, Moore and Mrs. Alexander.

8. That Charles H. Mills be appointed director of the School of Music for the academic year 1909-10, at a salary of twenty-four hundred dollars (\$2,400.00) to date, from Sept. 1, 1909, and that the following additional appointments be made, for the same period at the salaries indicated:

1. Instructor in vocal music, vice May E. Breneman.....	\$ 900 00
2. Winifred Forbes, instructor in violin and theory.....	850 00
3. May E. Floyd, instructor in piano.....	900 00
4. A. A. Harding, director of band and instructor in band instruments.....	800 00
5. ———, instructor in music, vice Bertha I. Howe.....	900 00
6. Lois D. McCobb, instructor in vocal music.....	850 00
7. Sara D. Morton, instructor in piano.....	1,100 00
8. Mrs. Constance B. Smith, instructor in sight singing, ear training, and in charge of public school music.....	1,300 00
9. G. F. Schwartz, associate in Musical Theory.....	1,700 00
10. H. J. Van den Berg, instructor in piano.....	1,700 00
11. G. R. Wade, instructor in voice, in charge of vocal department.....	1,700 00

On motion of Mrs. Evans and by the following vote the recommendations were adopted: Yeas, Messrs. Abbott, Davison, Hatch, Grout, Meeker, Mrs. Evans and Mrs. Busey; nays, none; absent, Governor Deneen, Crebs, Blair, Moore and Mrs. Alexander.

REPORT OF THE UNIVERSITY COMMITTEE ON ACCOUNTANCY, JUNE 12, 1909.

9. Report of the University Committee on Accountancy.

President Edmund J. James, University of Illinois:

DEAR SIR—The University Committee on Accountancy submits the following report upon the administration of the law relating to the certification of public accountants, State of Illinois, for the year 1908-1909:

Certificates Issued—Since our last annual report under date of June 8, 1908, the following certificates have been granted:

Diploma No. 115, to A. E. Andersen, 1730 Tribune bldg., Chicago, on July 7, 1908.

Diploma No. 116, to E. D. Babcock, 4949 Calumet ave., Chicago, on July 7, 1908.

Diploma No. 117, to W. F. Battin, 1220 Marquette bldg., Chicago, on July 7, 1908.

Diploma No. 118, to P. H. Gray, 108 Dearborn street, Chicago, on July 7, 1908.

Diploma No. 119, to W. A. Stephens, 914 First National Bank bldg., Chicago, on July 7, 1908.

Diploma No. 120, to W. W. Thompson, Title & Trust bldg., Chicago, on July 7, 1908.

Diploma No. 121, to Peter White, care Haskins & Sells, Marquette bldg., Chicago, on July 7, 1908.

Diploma No. 122, to S. R. Mitchell, 189 LaSalle street, Chicago, on October 11, 1908.

Diploma No. 123, to M. A. Davis, 4430 Prairie ave., Chicago, on Dec. 4, 1908.

Diploma No. 124, to S. R. Hopkins, First National Bank bldg., Chicago, on March 18, 1909.

Diploma No. 125, to J. E. Sterrett, Philadelphia, Pa., on May 15, 1909.

Examinations—Two examinations have been held during the year: That of November 19, 20 and 21, 1908—at this examination seven candidates qualified and of these, one candidate received the percentages required by law and was granted the certificate; second, the regular annual examination prescribed by law on May 3, 4 and 5, 1909—at this examination, sixty-five candidates qualified and of these, one candidate decided at the last moment not to enter the examination. The returns from this examination are not yet in. When the last report was submitted the returns from the May, 1908, examination had not been received. The report of the Board of Examiners

came to this office on the twenty-sixth day of June, 1908. This report showed that of the sixty-two candidates seven had been successful in attaining the required grade in all of the subjects in which they were examined. In addition to these examinations three candidates were admitted under the waiver clause, making a total of eleven persons who have received the C. P. A. certificate during the year which this report covers.

Protest in Regard to the May, 1908, Examination—Soon after the May examination the committee began to receive informal complaints from some of the examinees stating that the examination was unduly long in certain subjects, and that certain questions were objectionable, owing either to the obscurity in their meaning or to difficulty which made it, in their opinion, impossible to answer them correctly, and in any case within the specified time limit. The examinees were advised that in the opinion of the committee it would be better to defer any action that might be contemplated until after the returns were in, and in case they then felt there was a cause for complaint, that it would be necessary for them to make a formal statement of their complaints if they wished the matter to be presented to the proper authorities for consideration. Immediately after the report of the board of examiners was approved and the returns sent out to the candidates a formal complaint from a committee of the protesting examinees was received under date of July 15, 1908. This was followed by a supplementary complaint dated July 20, 1908. These formal complaints were presented to the Board of Trustees, and for the purpose of securing evidence in regard to these complaints the Committee on Accountancy was directed to secure as full information upon both sides of the questions as it might be able to do and lay the same before the Board of Trustees. On the 10th of August the University Committee asked the Committee of Protesting Examinees to answer certain questions which were raised by their original complaint and to submit their replies in support of their original petition. The original complaints, together with the statements in support of the same, were later submitted to the board of examiners, with the request that they give the suggestions such attention as in their judgment seemed proper. The reply of the board of examiners, together with the original complaint and a statement from the University Committee analyzing the evidence, was presented to the committee appointed by the Board of Trustees on the 21st of November, 1908. After careful consideration of the evidence presented, the Board of Trustees decided that the charge made by the protesting examinees was not sustained, and therefore dismissed the complaint. Soon after this the Committee of Protesting Examinees informed the University Committee on Accountancy that they had decided to drop the complaint.

The Roberts Case—In our report of June, 1908, a statement was made in regard to the charge brought against Mr. William H. Roberts by Mr. John Everett, stating that the said Roberts had received his C. P. A. Certificate No. 84 contrary to the terms of the State law. Upon the presentation of Mr. Everett's charges and formal complaint the trustees asked the University Committee to arrange for a hearing to consider this petition. The hearing was arranged for the 17th of June, 1908. At this hearing both Mr. Everett, Mr. Roberts and the University Committee were represented by counsel. The hearing occupied two days and the stenographic record of the evidence presented filled 220 pages. After full consideration of the evidence the University Committee advised the Board of Trustees that in their opinion the charges presented by Mr. Everett were not sustained, and at their next succeeding meeting the trustees formally approved the action of the University Committee.

Financial Condition—Appended is a statement of the accountancy fund. This shows that on June 1, 1908, there was a balance of \$2,969.19 on hand; that the receipts during the year were \$2,038.80. Of this amount \$2,025 was received from fees, and the remainder from the sale of the bulletin containing the examination questions. Included in the receipts is a refund of \$21 for an advertising bill paid a second time by mistake. The expendi-

tures during the year amounted to \$1,294.33, of which \$125 were refunds of C. P. A. fees to men who failed to qualify for entrance to the examinations. Of the remaining expense \$580.89 for services of the board of examiners; \$111.70 for new office fixtures; and the balance for running this office. The total credit in favor of the C. P. A. fund is now \$3,713.36. Owing to the fact that the number of examinees will be much less in the future, it is probable that the expenses will be in excess of the receipts, and that this fund will be necessary to properly conduct the affairs of the office.

Board of Examiners—The term of Mr. S. S. Gregory as a member of the board of examiners expires July 1, 1909. Mr. Gregory was appointed to fill the vacancy caused by the death of Mr. Azal L. Hatch. Mr. Gregory has been an exceedingly efficient and capable member of the board of examiners, and it is with very great regret that your committee is obliged to inform you that Mr. Gregory finds it impossible to accept a reappointment to the office. Your committee wishes to express their high appreciation of Mr. Gregory's services during the years in which he has served the University in this capacity. Since commercial law is an important part of the examination, it has been customary for one of the board of examiners to be a member of the legal profession and especially versed in commercial law, it will be desirable to appoint as his successor a practicing lawyer, and for the sake of convenience it is desirable that such member of the board reside in or near the city of Chicago. Your committee has given considerable attention to the qualifications of men who would be able to serve the University and the State in this respect. We have not yet, however, been able to reach a satisfactory conclusion in regard to the person who would be best adapted to this position. We, therefore, wish to request that action upon this matter be postponed to an adjourned meeting, or the next following meeting, of the Board of Trustees, when we shall be able to present a number of names and make a definite recommendation.

All of which is respectfully submitted.

D. KINLEY, *Chairman*;

W. L. PILLSBURY,

M. H. ROBINSON, *Secretary*;

University Committee on Accountancy.

Ordered printed in the minutes.

STACK IN LAW LIBRARY.

10. A recommendation that the Committee on Buildings and Grounds be authorized to proceed immediately with the erection of the fireproof stack in the Law building, for which the sum of ten thousand dollars (\$10,000) was appropriated by the last Legislature and of which the preliminary plans were presented at this meeting.

By the following vote an appropriation of \$10,000 was made and the matter was referred to the Committee on Buildings and Grounds and the supervising architect with power to act: Yeas, Messrs. Abbott, Davison, Hatch, Grout, Meeker, Mrs. Evans and Mrs. Busey; nays, none; absent, Governor Deneen, Crebs, Blair, Moore and Mrs. Alexander.

FURNISHING NATURAL HISTORY HALL.

11. Recommendation from the supervising architect, Professor J. M. White, concerning the purchase of furniture for the Natural History building:

URBANA, June 11, 1909.

President Edmund J. James, University of Illinois:

No appropriation has as yet been made for the furniture for the Natural History building addition. I do not consider that the stock furniture manufactured by the State Board of Prison Industries is satisfactory for the general furnishing of this building. They could possibly manufacture furniture of a special design from our specifications, but this would involve a needless expense on our part and would probably result in the furnishings costing a good deal more than they would if selected in the open market, in addition to necessitating a much longer time for their manufacture than there is between now and the opening of school next fall. We have tried to get work done according to our plans and specifications on at least two occasions and the delay in filling the orders has invariably been very serious.

We have about sixty rooms to furnish in this building, aside from the general administrative offices of the University. Of these, about, thirty, besides the general administrative offices will require some general office furnishings, which should include desks, bookcases and filing cases.

I am advised that the State Board of Prison Industries manufactures no filing units, and as it is desirable to have all of the furniture in any one room harmonize in design, it seems to me we should be permitted to buy the bookcase units so they can be built up into sections with the filing units.

It seems to me it would be unreasonable to expect a State Board of Prison Industries to manufacture as high a grade of furniture as can be purchased from manufacturers employing the best skilled labor obtainable, and whose factories are equipped with the most modern machinery. That they are unable to compete with the regular dealers in quality has been conclusively proved by our experience. I do not think there is a single desk on the campus manufactured by the State Board of Prison Industries upon which we have not expended from \$1.50 to \$5.00 in repairs, in order to make the drawers and the roll top operate at all satisfactorily.

Considerable furniture will have to be built into some of the rooms in the building, and we should be free to place the order for this furniture with firms who will guarantee us a time delivery upon it. If the work is placed with the State Board of Prison Industries, we must abide their time for the delivery of the order, and if the material is not satisfactory when it comes, our past experience shows that there is no recourse.

Under these circumstances I feel that we are justified in urgently demanding a blanket release on all kinds of furniture for this building, which we have not found by experience to be manufactured satisfactorily by the State Board of Prison Industries.

It would be well to also include the Physics building, though there is far less furniture of the stock design required in that building, but the office furniture should be of a higher grade than that catalogued by the State Board of Prison Industries.

Yours truly,

JAMES M. WHITE,
Supervising Architect.

Voted, on motion of Dr. Davison, that said recommendation be approved.

On motion of Mrs. Busey and by the following vote the sum of \$10,000 was appropriated for the purchase of said furniture: Yeas, Governor Deneen, Messrs. Abbott, Davison, Hatch, Grout, Mrs. Evans and Mrs. Busey; nays, none; absent, Crebs, Blair, Meeker, Moore and Mrs. Alexander.

12. Recommendation from the supervising architect, Professor J. M. White, for needed repairs, etc., in the University buildings, which should be made in the course of the present summer.

URBANA, ILL., June 23, 1909.

President Edmund J. James, University of Illinois:

I submit herewith a general summary of the repairs which I recommend on the several University buildings, together with a more detailed statement of the needs with regard to each particular building.

Repairs to plumbing and heating apparatus cannot be delayed and so are taken care of from time to time as occasion arises. This of course is largely true with regard to repairs to roofs. This budget is therefore chiefly painting and of the whole amount, \$6,500.00 is for interior painting, and \$2,400.00 for exterior painting.

I do not consider it economical to use water color paint for interior surfaces, and in the last few years we have not used anything but the flat oil colors, so there is no need of washing off the walls before redecorating them; and it also makes it possible to paint portions of a room without doing the room all over again, as is necessary when water color is used. The cost of a coat of oil colors is less than the cost of washing off the water color and putting on a new coat, so that I believe our present plan is much more economical as well as the more sanitary one.

Our roofs constantly give us trouble and are responsible for considerable re-decorating of the interiors, so that I feel it is economy in the long run for us to put on the very best roofs possible to secure, not using any tin whatever in connection with them. Roofs put on with copper and slate ought not to give any trouble.

Leaky radiators are another source of trouble and in our new buildings we are using a system in which the air valves are all piped up to a return line, so that there can be no leakage of water from the radiators. I believe that this will materially assist in preventing damage to our ceilings.

Some of the recommendations are the result of criticisms made by the fire inspector in his inspection reports. It would be very easy to spend double the amount that I have recommended at the present time and even then our buildings would not be brought up to the standard which we would like to see, but I have taken our resources into consideration and recommend the things which seemed to me most urgent.

The Agricultural buildings on the South Farm:

These include the new circular dairy barn and residence, the old farm house and barns, together with the feed bins and shelters in the paddocks. All of these structures, with the exception of the new dairy barn and residence should be painted, which with a few minor repairs will cost \$375.00.

The double sliding doors on the circular dairy barn need to be rebuilt, which will cost about \$50.00.

The Agronomy building, Farm Mechanics building, Carriage House, Dairy buildings, Beef Cattle building, Horticultural building, and all of the barns and sheds west of the Beef Cattle building should be repainted, which including incidental repairs will probably cost \$800.00.

The south doors on the Beef Cattle building must be reconstructed at a cost of about \$35.00.

The Agronomy and Horticultural Green Houses just south of the Agricultural building are in such a bad condition that it is questionable whether they can be repaired. If it was certain that these buildings were to stay in this position, I would certainly advise reconstructing the buildings with steel frame work, but under the circumstances, I think it is best to prop them up so they will last a little longer, which will involve an expense for general repairs of \$150.00; and for painting \$150.00.

The brick potting house in connection with them is in good condition though it needs some general repairing and painting which will cost about \$100.00.

The main Agricultural building is in good condition, both on the exterior and interior, because of having been rather extensively remodeled and repaired two years ago. Nothing need be included at the present time for further improvements.

Armory—The Armory is not generally in very bad condition, though the roof cannot be expected to last much longer, as it is of tin and has about

reached the duration of the life of that material. We are constantly troubled with leaks. The general repairs on this building will amount to about \$50.00.

Auditorium—The Auditorium is already showing that it is unwise to try to get too much for our money in erecting University buildings. The tin roof is likely to be a constant source of trouble to us, and though it was tight at the time the building was accepted, we have had considerable trouble with leaks, especially around the electric light outlets. These leaks become so bad that I felt it necessary in order to save the plastering of the dome, to take the lights off of the ribs.

I have never felt satisfied with the dark color of the dome and if I can get some of our other University people to agree with me, I should like to paint it with aluminum paint, because in my opinion, it has never looked as well as it did with the bright tin roof upon it.

The walls on the interior should be touched up to conceal the effect of leaks, and the wall in the Auditorium, under the balcony, should be painted a different tone of red. The effect of the lime and plaster has been to materially change the color which was first put on, so that it is now quite a disagreeable tone; the wall is probably seasoned sufficiently now so that if re-painted, it would hold its color.

The building has never been satisfactorily heated and probably will not be until some system of ventilation is put in, but I believe it wise to provide some radiation on the stage against the south wall of the building. These improvements altogether would cost about \$400.00.

Professor Morgan Brooks has made quite a careful study of the lighting of the Auditorium, and recommends that fewer lights of higher candle power be used. He recommends eight 60 watt tungsten lamps on each of the large chandeliers, and the shortening of the stem of the chandelier to about one-half of its present length; he also believes that 100 watt tungsten lamps at the top of the arch over the stage, would, with proper reflectors, give adequate lighting both for the mural painting and for the stage. I believe the recommendations are along the right line, and recommend that there be appropriated for this purpose \$150.00.

We have talked of finishing up the space under the memorial vestibule, and this matter was referred to the Buildings and Grounds Committee for a report. The estimated cost of this work was \$900.00, but I am inclined to think it inadvisable to proceed with this until after our plans for the New University Hall are definitely settled.

Chemistry Laboratory—The Chemistry Laboratory is in fairly good condition structurally, although there are a great many rooms in the building which are sadly in need of having the walls cleaned and painted. The general repairs to the roof will amount to \$100.00; the incidental repairs on the interior to \$150.00 and for the painting of interior walls and ceilings there should be spent at least \$750.00.

We have discussed the advisability of building a storage room for inflammable material outside of the main building, which would cost \$500.00, but the chemistry people did not feel the need of it, and are not willing that such an expense should be charged against their appropriation, and I am not including this in my recommendation at this time. None of the items referred to in connection with this building are included in the plans which the department has made for the expenditure of their regular appropriation.

Electrical Laboratory—The Electrical Laboratory is in reasonably good repair, though the walls in the class rooms and offices on the second story are very dirty and badly stained. They still have the original water color upon them, which was put there at the time the building was re-constructed. One window opening on a fire escape should be changed to a casement window, and it is advisable to protect the partition at the head of the attic stairs with metal lath and plaster. These changes will involve an expenditure of about \$400.00.

Engineering Hall—The Engineering building is in reasonably good condition, but there are a large number of rooms which still have the original water color tinting upon the walls, and a portion of these should be cleaned off and painted.

The changes in the building necessitated by the removal of the Physics Department are chiefly the removing of partitions, with the exception of the sub-dividing of one room for the use of the commandant, and the construction of a vault for the storage of University drawings. This latter item, if we can use a door from one of the vaults in the present business offices, will cost about \$200.00, but it seems to me it is well worth doing.

General changes in the Engineering building, aside from the above item will cost about \$500.00, and there should be allowed for re-painting and varnishing on the interior of the building \$1,000.00.

Green House—The University Green House is inadequate for the demands made upon it, but until some permanent location can be decided upon for these buildings, it does not seem advisable to spend much money in additions. However, it will be necessary to make some repairs on this building and the exterior and interior should be re-painted, involving a total expense of \$275.00.

Gymnasium—The Men's Gymnasium is not included at this time, because we have a special appropriation for its re-construction.

Hydraulic Laboratory—The Hydraulic Laboratory is in reasonably good condition. New gutters were placed upon this building during the past year, but there are a few repairs necessary to the slating, and ventilators should be placed upon the ridge over the east end of the building, as at present the laboratory is too hot for use in summer. Three 36-inch ventilators would cost about \$150.00.

Another room should be partitioned off on the front of the second story for Professor Talbot's work, and it is also very desirable to build a vault for the safe keeping of the large amount of manuscript material which he keeps constantly in hand for reference. These items, together with the necessary painting of walls and ceilings, will amount to \$500.00.

Law Building—The Law building is in reasonably good condition, except for the interior appearance, and there should be a little painting done on the exterior, which together with some minor repairs, will cost \$260.00.

Judge Harker wishes the northwest room on the first floor divided, which will probably cost about \$80.00.

This is all entirely apart from the expense of the proposed new book stack, for which plans are now ready for approval, and which can be constructed within the appropriation.

Library—The Library building is now so crowded that it is not at all satisfactory for the purposes for which it is used. The toilet rooms are inadequate, and some improvements must be made in the ventilation. The floors not covered with cork carpet need re-varnishing, and a number of the walls need to be re-finished.

The roof inside of the tower, which forms the ceiling of Dean Kinley's Seminary room, is made of tin, and because there is considerable tramping over it, it has begun to give trouble, and I doubt if we can adequately repair it. This is the only tin work which was used about the building at the time of its construction, and it evidently was poor economy. To put a copper roof over this area would cost \$150.00; to re-finish the floors would cost \$200.00; general repair and improvements would amount to \$220.00.

We have discussed during the past year the advisability of finishing off a stack room and seminar room on the third floor, the cost of which I estimated (including stacks) at something like \$8,000.00. I have not included this in my recommendations, but insert it for the sake of record.

Metal Shop—The exterior metal work on the Machine Shop must be re-painted, and the interior of the machine shop should be cleaned and the entrance hall re-painted. These items will cost about the sum of \$250.00.

The electric wiring should be entirely re-constructed. It is now all open wiring, which has been criticised in every report of the fire inspector. To re-wire this building with conduit installation would cost \$500.00.

M. E. Laboratory—The M. E. Laboratory must be re-painted on the exterior, at a cost of \$250.00.

Most of the rooms in the east end of the building should have the walls re-tinted, and in some of them the doors and wood-work around the windows require re-varnishing. There is also some wiring in these rooms which should be replaced with conduit installation. These improvements will cost \$500.00.

Natural History Hall—The exterior of the Natural History building should have been re-painted last year, but on account of the construction of the addition, it was postponed in order that the colors might be uniform. There will also have to be quite a little interior painting and finishing, due to the re-arrangement of rooms for departments which will occupy them next year. There should be appropriated for this building \$750.00.

Observatory—The flat roofs on the wings of the Observatory should be replaced with new roofs, at a cost of \$150.00. The interior painting and general repairs to this building will cost about \$185.00.

President's House—I have already sent you a memorandum of the repairs on your residence, which includes the washing and painting of the exterior, \$180.00; the re-varnishing of oak floors will cost about \$150.00, and the interior papering, painting, and general repairs, including whitewashing the basement, \$130.00.

Reservoir—The storage reservoir, beside the boiler house, should have a roof over it, both to keep the water clean enough so that it will not be objectionable to pump into our service system in case of fire, and also to prevent danger to children who sometimes play around there, and try to skate upon the ice in the winter; it is a very deep reservoir and if a child should get in there, it would be in serious danger of drowning; this would cost about \$200.00.

State Entomologist's Building—The State Entomologist's building should be painted on the exterior, and it is also advisable to do quite a little painting on the interior, which altogether would cost \$200.00.

University Hall—There is never any limit to the amount of money which can be spent upon University hall. The exterior was painted last year and over \$800.00 spent on the interior decorating. We could easily spend \$3,000.00 this year in re-painting the interior.

The toilet rooms are inadequate and are poorly ventilated, and I have not yet devised any plan for overcoming the difficulty.

I recommend for interior painting, \$1,500.00; for general repairs, \$250.00; for sub-dividing the present Museum into class rooms, \$1,300.00; for rebuilding the east and west end stairways, so as to eliminate winders, \$400.00; and for general repairs in the Academy, \$230.00.

Woman's Building—The Woman's building is one of the buildings upon our campus which I feel should be kept in better order than any other and therefore there should be considerable cleaning and re-tinting of walls done, for which I recommend that \$500.00 be appropriated. More of the windows should be screened, and it is desirable to put in a spiral stairway from the gymnasium locker room to the basement. These two items would cost in the neighborhood of \$130.00.

Wood Shop—The metal work on the wood shop should be painted two coats and there is some patching of plastering to be done, which will necessitate some re-decorating. Nearly all of the interior natural wood finish in this building should be re-varnished. The general repairs would cost, \$90.00; and the exterior and interior painting, \$325.00.

Tunnel—The steam tunnel is crowded with pipes and wires up to the point where the connections for Engineering hall are taken off. There is a large amount of open wiring, which should be replaced by cable and this practically must be done before we can put in the cables necessary to supply the new buildings. With all this open wiring out of the way, I think the tunnel will be ample in size for some time. This will cost \$300.00.

Steam Connection to Greenhouse—The steam connection to the greenhouse, which is laid underground, is beginning to leak and will have to be

re-laid during the summer, which will necessitate excavating from the south end of the Electrical Laboratory across to the greenhouse; this will cost \$200.00.

This ends the specific recommendations with regard to buildings. The exterior painting is being done in accordance with the definite policy to paint exterior woodwork once in four years, and the metal work of roofs every second year. The interior painting is something which can be deferred without detriment to the building, but I am sure you will agree that we have not kept the interiors of our buildings up to a very high standard.

We should lay some additional walks this summer, and I trust the location of the new University Hall will make it possible for us to put in concrete walks to the Woman's building during the summer.

There should also be better lighting on the south campus and as soon as a campus plan can be reasonably definitely determined upon, I shall recommend the lighting of the south campus by means of incandescent lamps, at rather frequent intervals. The additional generator capacity which we expect to put in this summer, will make it possible for us to provide for the adequate lighting of the south campus.

I hope that at the next meeting of the Board of Trustees, the total amount of \$15,865.00 may be appropriated for repairs to be made under the direction of the Buildings and Grounds Committee.

Respectfully submitted,

JAMES M. WHITE,
Supervising Architect.

SUMMARY OF REPAIRS, 1909.

<i>Agricultural Buildings on South Farm—</i>	
Circular dairy barn.....	\$ 50 00
South farm buildings.....	250 00
Feed bins, pens and shelters in paddocks.....	125 00
<i>Agricultural Buildings on South Campus—</i>	
Agronomy building.....	60 00
Farm Mechanics' building.....	80 00
Carriage house.....	100 00
Dairy buildings.....	150 00
Beef cattle building.....	125 00
Horticultural building.....	50 00
Barns and sheds west of Beef Cattle building.....	270 00
Agronomy and horticultural green houses.....	400 00
Greenhouse (University).....	275 00
Armory.....	50 00
Auditorium.....	550 00
Chemical laboratory.....	1,000 00
Electrical laboratory.....	400 00
Engineering hall.....	1,700 00
Hydraulic laboratory.....	650 00
Law building.....	340 00
Library.....	570 00
Metal shop.....	750 00
M. E. laboratory.....	750 00
Natural History hall.....	750 00
Observatory.....	335 00
President's residence.....	460 00
Reservoir, roof, etc.....	200 00
State Entomologist's building.....	200 00
University hall.....	3,680 00
Woman's building.....	630 00
Woodshop.....	415 00
Tunnel wiring.....	300 00
Steam main to greenhouse.....	200 00
Total.....	\$15,865 00

On motion of Mr. Meeker and by the following vote \$15,865.00 was appropriated for making repairs and improvements as recommended by the supervising architect: *Provided*, that the recommendations are subject to approval in detail by the Committee on Buildings and

Grounds: Yeas, Governor Deneen, Messrs. Abbott, Davison, Hatch, Meeker, Mrs. Evans and Mrs. Busey; nays, none; absent, Crebs, Blair, Grout, Moore and Mrs. Alexander.

NEW BUILDINGS.

13. Recommendation that the Committee on Buildings and Grounds be instructed to consider the question of location and plans for the addition to the heating plant and the new University hall, in connection with the State Architect and the supervising architect, and report with regard to same to the board.

This recommendation was adopted on motion of Mrs. Busey.

DEGREE OF DOCTOR OF LAW.

14. 1. Recommendation from the Senate approving a request of the faculty of the College of Law that the degree of J. D. (Juris Doctor), Doctor of Law, be granted by the University of Illinois upon the terms indicated below.

The University Senate, March 8th, voted to approve the recommendation of the faculty of the College of Law that the degree of J. D. (Juris Doctor) (Doctor of Law) be granted by the University of Illinois to graduates of the College of Law under the following conditions:

1. No student shall be eligible thereto unless his Bachelor's Degree in Arts or Science shall have been received by him at least two academic years prior to his obtaining the degree of J. D.

2. A minimum average grade of 85 shall be required as a prerequisite qualification in the work done for the degree of J. D.

3. The candidate for the degree of J. D. shall be required to present a thesis upon a subject to be approved by the faculty of the College of Law according to the requirements to be prescribed by the said faculty.

4. That candidates for the J. D. degree in the combined six-year course must take at least six hours in political and social science during the first year of the law course (during the second year for the class of 1911).

(The conditions regulating the granting of the degree were approved by the Senate June 7).

Voted, on motion of Mrs. Evans, that the recommendation in regard to the J. D. degree be approved.

2. Recommendation from the University Senate, presenting a new schedule of requirements for admission to the various colleges of the University.

Subjects to be accepted for entrance to the University of Illinois as recommended by the University Senate:

List A: Algebra, $1\frac{1}{2}$ units.
English Composition, 1 unit.
English Literature, 2 units.
Geometry, Plane, 1 unit— $5\frac{1}{2}$ units.

List B: Astronomy, $\frac{1}{2}$ unit.
Botany, $\frac{1}{2}$ or 1 unit.
Chemistry, 1 unit.
Civics, $\frac{1}{2}$ or 1 unit.
Commercial Geography, $\frac{1}{2}$ or 1 unit.
Drawing, $\frac{1}{2}$ or 1 unit.
English Literature, 1 unit.
French, 1 to 4 units.
Geology, $\frac{1}{2}$ or 1 unit.
Geometry, Solid and Spherical, $\frac{1}{2}$ unit.

German, 1 to 4 units.
 Greek, 1 to 3 units.
 History, 1 to 3 units.
 Latin, 1 to 4 units.
 Physics, 1 unit.
 Physical Geography, $\frac{1}{2}$ or 1 unit.
 Physiology, $\frac{1}{2}$ or 1 unit.
 Zoölogy, $\frac{1}{2}$ or 1 unit.

(Note—No student will be permitted to present more than 1 unit in Geography.)

List C: Agriculture, 1 to 2 units.
 Bookkeeping, 1 unit.
 Business Law, $\frac{1}{2}$ unit.
 Domestic Science, 1 unit.
 Economics, $\frac{1}{2}$ unit.
 Manual Training, 1 to 2 units.

The subjects of List A are prescribed by all colleges.

From List B $6\frac{1}{2}$ units must be offered for admission to any college ($7\frac{1}{2}$ to the College of Literature and Arts). The entire $9\frac{1}{2}$ elective units may be offered from List B.

Admission to the College of Literature and Arts requires that 3 of the $7\frac{1}{2}$ units shall be foreign language and 1 history, making a total of $9\frac{1}{2}$ units prescribed for admission to this college.

Admission to the Colleges of Science and Agriculture requires that two of the $6\frac{1}{2}$ units elected from List B shall be science, making a total of $7\frac{1}{2}$ units prescribed.

Admission to the College of Engineering requires that $\frac{1}{2}$ unit from List B shall be solid and spherical geometry, and 1 unit physics, making a total of 7 units prescribed.

Admission to the College of Law requires that 1 unit from List B shall be English and American History, making a total of $6\frac{1}{2}$ units prescribed.

Admission to the School of Music requires that 1 unit from List B shall be history and 3 units foreign language; also that 2 units in music shall be offered, making a total of $11\frac{1}{2}$ units prescribed.

Not more than 3 units from List C (2 in the College of Literature and Arts) will be accepted as a part of the 15 units required for admission to the University.

The above schedule of entrance subjects is to become effective as soon as it may be approved by the Board of Trustees.

Approved in final form by the University Senate, June 9, 1909.

ARTHUR H. DANIELS.

Voted, on motion of Dr. Davison, that said recommendation be approved.

3. Recommendation from the University Senate that two units of German be required of students for entrance to the courses in chemistry, chemical engineering, ceramics and ceramics engineering, and that the requirement be made effective Sept. 1, 1909.

Voted that the consideration of said recommendation be postponed.

SPECIAL STUDENTS IN COLLEGE OF AGRICULTURE.

15. Recommendation from the College of Agriculture relating to special students.

URBANA, ILL., June 23, 1909.

Dr. Edmund J. James, President of the University of Illinois:

DEAR PRESIDENT JAMES—The faculty of the College of Agriculture today makes the following recommendations:

1. That non-matriculated students in the College of Agriculture be limited to a minimum age of 18 years.

2. That students below this age desiring instruction in agriculture be registered in the academy.

3. That suitable courses in secondary agriculture be offered in the Academy under a competent instructor, such courses being similar to those that are now proposed for high schools generally, such instruction being modeled after the best ideals of said instruction in such schools.

4. That Farmers' Institute scholarships should follow the student whether he is registered in the College of Agriculture or in the Academy.

This plan is entirely feasible from every standpoint which is known to the faculty. It serves the younger students even better than they are served now. We have this year but fifteen who are under 18 years of age, and while the number is not large, it is after all desirable to separate these students from the older people who are able to take our instruction from the standpoint of greater maturity.

It may involve an additional instructor at perhaps \$1,200.00, and I suggest that the President be given authority to employ such instructor.

If this plan can be put into operation it will improve the grade of instruction that we can give in our University classes, it will accommodate students who come for a short time in the winter season better than they are accommodated now, and it will in every way afford superior advantages to the younger student. Inasmuch as it involves but 15 students, it is not a sweeping action, and it is a step ahead in the natural evolution toward the admission of our students on the same basis as others. It does not mean large outlay for equipment because the same equipment can be used to a very large extent which is now at hand: Indeed, it is a small matter from every standpoint.

I may say that our faculty is a unit in believing that this will be a step ahead, not only in the quality of instruction but in the accommodation of this younger class of students.

Very truly yours,
E. DAVENPORT,
Dean.

Voted, on motion of Mr. Grout, that said recommendation be approved.

NUTRITION INVESTIGATIONS.

16. Report from Professor H. S. Grindley in charge of nutrition investigations and the research laboratory, with a request that the Board of Trustees authorize the printing in full of the results of the nutrition investigation carried on under the charge of the research laboratory during the past two years.

URBANA, ILL., May 8, 1909.

President E. J. James, University of Illinois:

DEAR SIR—Your commission, appointed to consider the effect of potassium nitrate and potassium nitrite as present in cured meats, upon the health of man, now in session at Urbana, begs to present for your consideration the following recommendation:

The commission, after careful survey of the recorded data obtained in the experimental study carried out during the past year, are greatly impressed with the desirability of an early publication in extended form of all the results collected, and would recommend that if possible the report of this investigation, when made public, be presented in detailed form, so that such general conclusions as may be drawn from the results may be accompanied by all the data upon which the conclusions are based.

The commission is fully aware that such a recommendation means considerable expense, but the members of the commission are convinced that such an expenditure will be more than justified by the scientific value of a report so presented. Rarely has such an extended scientific investigation in the field of nutrition been undertaken as the one now practically completed, and the University which has fostered the inquiry is not only deserving of congratulation upon the successful completion of such a large undertaking,

but should at the same time have full credit for all that has been accomplished. By publication of the detailed report, as suggested, the University of Illinois will secure for herself that public recognition to which she is justly entitled, and, in the opinion of the commission, such a method of publication is for many reasons eminently desirable.

Respectfully submitted,
R. H. CHITTENDEN,
A. P. MATHEWS,
THEOBALD SMITH.

URBANA, ILL., June 2, 1909.

President Edmund J. James, University of Illinois:

DEAR PRESIDENT JAMES—I respectfully request that this Laboratory be allowed a grant of \$15,000.00 to publish in full in the near future the results of the saltpeter investigation as suggested by the non-resident members of the Saltpeter Commission. To publish the full details of this investigation as requested by the commission will require four large octavo volumes (10x7 in.), each of 500 pages, including charts, diagrams, curves, tabulated data, etc. The printing of an edition of 1000 will cost approximately \$6,500.00. If the details are to be published in full by the University in the near future, as suggested by the commission, it will be necessary to devote much work to the preparation of the manuscript, beginning at once and continuing for one year. If the results of this investigation are to be published in detail within the next twelve months we must be given permission to begin work at once, and it will be necessary to arrange for us to have the following help:

First—I must be allowed two-thirds of my time for this work and therefore two-thirds of my salary (\$2,000.00) should be paid from the above requested grant.

Second—Dr. MacNeal must devote one-half his time to this work and he should be allowed \$1,200.00 for his services in this connection.

Third—Mr. F. W. Gill must devote all his time to assisting in the preparation of the manuscript. This will incur an expense of \$1,800.00.

Fourth—It will be necessary for me to have an assistant chemist in the editorial work at a salary of \$1,000.00 for the year.

Fifth—To be able to do this work within twelve months, and if it is undertaken at all in this way it must be done within twelve months, there will also be required one stenographer, one clerk, one calculator, and one draftsman, each at a salary of \$600.00 per year.

I earnestly request this grant for the following reasons: We have made in this connection in the Research Laboratory the most extensive, thorough, exhaustive, and scientific nutrition investigation upon man ever before made in the world. The results of this investigation, giving in detail the normal and abnormal nutritional activities of a group of twenty-four men for a period of 220 days, are of inestimable value to the clinician, the physician, the surgeon, the pathologist, the physiologist, the bacteriologist, the biological chemist, and to the sciences of human and animal nutrition, and to public health and sanitary science. I know positively that this statement is not too strong nor does it exaggerate the importance or value of this work.

The attitude taken by the non-resident members of the commission, entirely in every way of their own initiative, in their communication of May 8 to you, fully substantiates these statements.

The publication by the University of the details of this investigation, which will at once be recognized as a classical research, will be still another step in placing the University of Illinois in the front rank in scientific research work of the highest order.

Yours very truly,
H. S. GRINDLEY.

RESEARCH LABORATORY IN THE UNIVERSITY OF ILLINOIS.

The research work of this laboratory was started in 1897 in coöperation with the office of Experiment Stations of the U. S. Department of Agriculture. The first researches in animal nutrition of this laboratory were made to determine the food requirements of men. From 1897 to 1907, the U. S. Department of Agriculture assisted this Research Laboratory by granting during this period of ten years \$7,500.00 to aid our researches. December 14, 1898, the Board of Trustees of the University appropriated \$500.00 for investigations upon foods and the nutrition of man. (See twentieth report of the Board of Trustees of the University of Illinois, pages 27 to 40). July 21, 1905, the trustees further appropriated \$2,000.00 to continue the investigations in nutrition of this laboratory. (See the twenty-third report of the Board of Trustees of University of Illinois, page 130). In addition to the above appropriations, the University of Illinois, during the years 1903 to 1907 furnished this Laboratory \$6,000.00 for research work in nutrition upon man and the lower animals. During the two fiscal years 1907 and 1908, this research laboratory was granted by the Trustees of the University through the College of Agriculture, \$11,500.00 per year for investigations upon animal nutrition, and \$5,000.00 for the two years for researches upon human nutrition.

There has been published from this Laboratory thirty-six bulletins or papers (in all approximately 985 pages) giving the results of researches upon animal nutrition as related to man or the lower animals. At present we have the material necessary for the publication of eighteen additional bulletins and papers (in all approximately 2,750 pages). The manuscripts for somewhat more than half of these publications are now nearly ready for the printer.

Moved by Mr. Grout and seconded by Governor Deneen that the recommendation of Professor Grindley be concurred in, and that the sum be charged to the balance of the appropriation for the Veterinary College and Research Laboratory by the Legislature.

Before the vote was taken attention was called to the fact that a quorum was not present. Thereupon the matter was laid over until a subsequent meeting.

The board adjourned.

W. L. PILLSBURY,
Secretary.

W. L. ABBOTT,
President.