

## MEETING OF MARCH 13, 1894.

The Board of Trustees of the University of Illinois met in the University parlor, in Urbana, at 3 o'clock p. m., Tuesday, March 13, 1894. There were present Messrs. Armstrong, Bullard, Graham, McKay, McLean, Morrison, Raab, and Raymond; absent, Governor Altgeld, and Messrs. Bryant, Morgan, and Gore.

The minutes of the last meeting were approved.

The president announced that the next order of business was the election of officers, and on motion of Mr. McLean, the board proceeded to the election.

On motion of Mr. McLean, Mr. Graham was unanimously re-elected president.

On motion of Mr. Raab, W. L. Pillsbury was re-elected corresponding secretary, recording secretary, and registrar.

Mr. Graham announced the committees for the ensuing year as follows:

*Farm*—Morrison, Raymond, McLean, Bryant.

*Buildings and Grounds*—Bullard, Morgan, Morrison.

*Finance*—McLean, McKay, Armstrong.

*Instruction*—McKay, Raab, Armstrong, Bryant.

*Publications*—Graham, Burrill, Pillsbury.

*Library*—Burrill, Raab, Morgan, Shattuck, Moss.

On motion of Mr. McKay, Messrs. Morrison and Bullard were named as the two members of the board who should, with the president as chairman, constitute the executive committee for the ensuing year.

The regent then presented his report.

## REGENT'S REPORT.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: It affords me much pleasure to report to you again satisfactory progress of affairs in the University. While there is little new to be said for the work of the last quarter, the work itself has been such as to contribute its full measure towards the appropriate and onward movement of the institution. Harmony and good will prevail; abundant and stimulating interest exists; every department of the University is in good working order. I believe it is fully true that not in a single one of these can serious criticism be made of the methods in vogue or the results obtained, taking necessary limitations of conditions and circumstances into account; and, so far as my information goes, with very minor exceptions, this feeling and this estimate prevail not only among those whose names are on the pay rolls, but also among the attendants upon the various courses of instruction. There is nothing in all this of which to boast, since it is the proper and normal condition of things; but the statements are deemed worth making that they may at least show that any opposite condition of things does not demand your attention.

## MILITARY DEPARTMENT.

Perhaps no other division of the University so sensitively indicates the general spirit prevailing within itself as does that of the military department. It will be remembered by all how much trouble was formerly found in the conduct of its affairs, not arising from friction growing out of its own organization, but from ferment and disorder otherwise. With so large a number of persons as are required to drill, it is not expected that every one shall be altogether satisfied and fully ready to do his whole duty, but there certainly is now exceedingly little of which to complain. Compared with last year, to go no further back, there is an evident and hopeful improvement. More interest is manifested and much less compulsion is required in regard to attendance and attention. In this connection I submit a report of the committee of the faculty, on military affairs, to which was referred by you the matter of a change in the uniform of the band, together with petitions bearing 271 signatures of students for some change in uniforms for the cadet companies.

Before leaving this subject it should be said that there are 8 military scholarships to be provided for, at \$22.50 each, and an appropriation of \$180.00 is asked for that purpose. A request by Captain Hills for a small appropriation, found later among other similar matters, is commended to your attention.

## PHYSICAL CULTURE FOR WOMEN.

So far as class requirements and credits are concerned, the military instruction and practice are treated just as are other subjects. For the completion of the whole of the compulsory military course of two years, two term credits are allowed. In case of excuse from these military requirements, on account of physical disability or otherwise, young men are obliged to make up these two credits, and for this purpose they may choose two terms' work in any subject or subjects taught in the University, but young women are allowed to graduate with two less credits than men. In view of the fact, universally admitted, that young women are greatly benefited by proper physical training, and further that the opportunity for such instruction now exists, the faculty recommends, in respect to requirements and credits, that physical training for women be placed upon the same basis as are military instruction and practice for men, and that for men and women the same graduating conditions be made. This recommendation is now made with the understanding that the requirements should be published in the forthcoming catalogue, to take effect at the beginning of next year.

The only serious trouble anticipated in executing this idea is the difficulty, owing to the complexities of the daily program of exercises, of finding any really suitable hour in the day when the young women can assemble at the gymnasium. They can do this at the time the men drill, *i. e.*, from 4 to 5 p. m., and, if the requirement is made, this hour will in all probability have to be accepted for the purpose. Even at this hour the drill is felt to be very much in the way of sufficiently extending the daily program to meet the increasing necessities of the subjects. As it is now, nearly all other class work must cease at 4 o'clock each day, when otherwise it might be extended to 6 o'clock. At some similar institutions the difficulty is avoided by having drill only upon Saturday, and in others by having it from 12 to 1 o'clock, followed by dinner at the latter hour.

The matter is full of difficulties not easily overcome, but an arrangement can be made for women as easily as for men.

## CHAPEL.

The time now set for the chapel exercises also interferes with better arrangements for classes. Many of the classes require two or three consecutive hours, and for these we now have but two forenoon periods of

two hours, instead of three, which we might have did not the chapel exercises intervene, and none of three hours. But it is not considered feasible to hold the chapel exercises at any other time than when many students are, for other reasons, in or near the University Hall; in other words, in the busiest part of the day. At other times they are widely scattered in the various buildings and in their rooms in the towns. For these and other reasons the faculty has, by vote, recommended the discontinuance at the end of this collegiate year of the formal chapel assemblage.

The faculty also wishes to include Saturday forenoon for work in shops, draughting rooms, laboratories, and for field work.

#### NEW BUILDING FOR THE CHRISTIAN ASSOCIATIONS.

I am gratified to state that the Young Men's and the Young Women's Christian associations have succeeded in purchasing the lot east of the new engineering hall, and that there is now much hope that they will soon be able to commence the building toward which such remarkable efforts were made two years ago. The failure until now to secure a proper site, has been the chief obstacle in the way of pushing this worthy enterprise to completion. The building will be a powerful stimulus to these organizations, and they in turn give much promise of great and hopeful contributions to the best interests of the University.

#### APPOINTMENTS.

According to your action at the last meeting, the regular appointments for the next collegiate year are to be made at this time. I shall hold myself in readiness to give any and all possible information relating to this important matter, contenting myself to say here that further service is very properly called for in some of the departments, and that, considering the pressing need for economy of expenditure, the greatest wisdom is needed in the proper and best possible adjustment of the teaching force, and in the apportionment of funds.

#### SCHOOL OF PHARMACY.

Besides the extension of course of study in the preparatory school, and the further development of established departments, special attention is called to the establishment of a school of pharmacy, as recommended by the college of science, and to a training or practice school for the department of pedagogics.

We have now instruction in pharmacy as a branch of the school of chemistry, and a two years' course is offered to matriculated students. Such students must, of course, gain admittance to the University in the regular ways, either upon passing the required examinations or upon diplomas of accredited schools. But schools of pharmacy are everywhere trade schools, whose purpose is simply to fit students for the special business to which they propose to devote themselves. The requirements for admission are, therefore, much less than for the regular University matriculation. The course of study is commonly two years, and it is common to award a degree, usually that of graduate of pharmacy (PH.G.) to those who complete the course. For further study of one or two years, master in pharmacy (PH.M.) is given. The faculty of the college believes that there would soon be a large attendance of students in a course of this kind, if offered upon terms similar to those made by neighboring state universities in this line. It is therefore recommended that such a school be organized; that admittance be conditioned upon passing the subjects now required for entrance to the preparatory department and upon English as required for matriculation; that candidates shall be at least 18 years of age, and shall have had at least two years of practical experience in a drug store; that the fees shall be \$12.50 per term, beside the laboratory expenses, and that a certificate instead of a degree be given on gradua-

tion. It is thought such a school would be nearly or quite self-sustaining when once founded. There are now 12 students in the pharmacy classes, and there is demanded increased facilities for these, whether or not the distinct school be established. This last matter was presented to you and to your committee on buildings and grounds, last year, and the proposition was made to fit up rooms in the attic story of the chemical laboratory, but through some misunderstanding the work was not undertaken. It is estimated that \$700 will provide the fixtures and equipment sufficient to accommodate 50 students, use being made of the facilities of the laboratories otherwise, as far as possible. In case such a school is established, one man (Mr. Sandford) should give his whole time to it, and this will necessitate some further assistance in the chemical laboratories, though much will depend upon the number of applicants for the course.

#### MODEL SCHOOL.

In regard to a training school for the course in pedagogics, it is undoubtedly true that such opportunities as this would give for the investigation of practical problems, for the practical application of theory, and for the actual experience by pupil teachers, are in every way desirable. The training school suggested would be the laboratory of the department, and in this relation is considered equal in importance to the laboratories of other sciences, essential alike to the professor and students as investigators, and to the latter as learners. The professor now in charge of the department thinks there should be in such a training school about 40 pupils from 6 to 10 years of age, in two general divisions of 20 each, each division to have its own room and permanent teacher, the latter especially selected for the work in hand. One thousand two hundred dollars a year is suggested as pay for these two teachers, (women), *i. e.*, \$600 each. Practically the only further expenditure would be for the room furniture, perhaps \$300. It is not deemed feasible to charge tuition, therefore there would be no income. Without tuition, pupils of a desirable kind can undoubtedly be had, and more especially just now, since the school accommodations in the western part of Urbana are not up to the needs.

At the meeting of the State Teachers' Association last December much interest was privately and publicly expressed in the steps so far taken by the University in this direction, and the president of the State Normal University voiced the evident, prevailing sentiment by advocating the development here of a true college of pedagogics. I am glad to commend in all heartiness well-considered efforts towards this desirable attainment. The conditions are ripe for it now. I believe a movement in this direction would be not only popular, but exceedingly useful to the best educational interests of our great state—a worthy mission of the University of Illinois.

#### EXAMINATION OF ACCREDITED SCHOOLS.

Another matter in connection with the chair of pedagogics demands a word here. When the professor was engaged it was hoped he might largely help to solve another problem which has long engaged attention; namely, the visitation of high schools for our accredited list. This work has grown greatly in recent years, both in amount and in its usefulness to the University. The field is now a very fertile one and should be well cultivated. The number of accredited schools, as published in our last five catalogues, are as follows:

1888-89 .....	53
1889-90 .....	58
1890-91 .....	60
1891-92 .....	87
1892-93 .....	113

During the early years of this period the regent undertook all of the examinations; then various members of the faculty were called upon for

a time to leave their classes and make journeys through the state for the purpose. Recently Professor McMurry has returned from a trip occupying a full month, and in this time he visited twenty-one schools. There still remain about twenty more which should be examined this year. School superintendents and principals are now anxious to have their schools placed on our list. In no other way can so close connection be made between the University and the public high schools, a thing desirable in itself and mutually helpful to all concerned. The professor of pedagogics can be especially helpful in his visits to these schools and can gain information of direct professional utility for himself. If, in some way, his university work could be taken care of eight or ten weeks each year, it seems to me the problem of high school visitation would be solved best by placing it wholly in his charge. Possibly his own class work could be left during his absence with one or both of the training teachers suggested, if these are employed. In such case the work to be done should be considered in the appointments, and probably one of those engaged should be a man. The salary, too, would probably have to be more than the amount stated.

#### AGE FOR ENTRANCE.

The faculty recommends that the minimum age for entrance, both to the preparatory school and the University, be raised from 15 to 16 years. The state law requires that all applicants for admission be at least 15 years of age. There is no legal obstacle, however, in the way of raising the standard in this respect, and while the proposed change would have little effect as to numbers, it would exclude some who become a hindrance and a detriment in the classes. In the preparatory school this year 6 entered at the age of 15, while 42 are over 20 years old; 8 entered at 16, 24 at 17, 31 at 18, and 18 at 19 years.

#### PREPARATORY SCHOOL.

Much consideration has been given to the development of the preparatory school. A two years' course is recommended instead of the one year course, as now existing. In this extension more time is given some of the subjects, especially English and mathematics, and it is proposed to add: Zoölogy, 1½ terms; free-hand drawing, 1 term; general history, 2 terms; French or German, 3 terms. The whole has been arranged in three general courses, called, respectively: (1) Science and mathematics, (2) English-Latin, and (3) classical. The first is preparatory to the science and technical, the second to the English and modern language, and the third to the classical courses of the University. The adoption of this plan will necessitate more teaching force and more room for the classes. There have been employed this year two persons who give their whole time to these classes, one who has two large classes throughout the year, three who have each one class throughout the year, and one who has two classes one term, making for full and heavy duty a total of about 3½ persons. One University instructor and two professors each have one of these classes through the year, an arrangement that can not be considered satisfactory from any standpoint except that of the pupil. Should these instructors be relieved, there would be required, on the present basis, seven instructors in the preparatory department. If the pupils in French and German and in free hand drawing are permitted to attend the University classes, there seem to be still necessary six teachers for the preparatory work as outlined. It must remain to be seen whether or not the school would attract as many pupils with a two years' course as it does now. It should still be possible for those of mature years and capable of doing more than average work to complete a preparatory course in one year, and the proposed scheme of studies meets this requirement; but it is expected that most of the pupils would be entered for the two years' course. The school has been self-sustaining and probably will continue to pay at least for the instruction, but in

any event a small sum for apparatus and materials will be much needed. The principal names \$350.

As to rooms for the preparatory school, as proposed, it is easily seen that the present quarters would not suffice, but some arrangement can be made after the engineers vacate University Hall, and probably with little cost for refitting.

#### CHANGES IN COURSES, COURSES FOR HIGHER DEGREES.

The executive committee of the faculty, on recommendation of the faculty of the college of literature, asks that the admission requirements in Latin be reduced to two books of Cæsar, four orations of Cicero, and four books of Vergil. The same committee, from suggestions of the faculties of the colleges of science and literature, desires your approval of the following modifications in regard to admittance to the University: (1) That graduates of the Illinois State Normal Schools be admitted to classes in pedagogy and allied studies, and be granted a certificate on the completion of a two years' course, and (2) That persons over 21 years of age be admitted to advanced standing on satisfying the usual requirements for admission, together with such other requirements as the faculty may deem suitable.

The committee also asks authority to announce in the catalogue the conditions upon which the degrees of doctor of philosophy and doctor of science will be granted.

I present herewith a communication from Professor White and will say, in the same connection, Mr. Cleaves Bennett has informed me that he does not wish to be a candidate for reappointment another year. Both of these gentlemen have abundantly earned your high appreciation for the excellence of their services, and your best wishes for their future welfare. Professor White's communication is as follows:

*To the Board of Trustees, University of Illinois.*

GENTLEMEN: It is my wish to devote some time to travel and study abroad, and I therefore ask for a leave of absence beginning June 7, 1894; and continuing through the next University year.

Respectfully submitted,

JAMES M. WHITE,

*Assistant Professor of Architecture.*

In regard to the library, the time has undoubtedly now come when a thoroughly competent man should be engaged as chief officer, to have no other responsibility resting upon him. He should have at least one efficient, permanent assistant or clerk, besides the assistance possible to receive from students.

I submit for your consideration special reports or communications from the departments of agriculture, mechanical engineering, physics and electrical engineering, and chemistry, and am prepared to give you further information in each case.

#### DEPARTMENT OF ZOÖLOGY.

Professor Forbes, in a communication setting forth the embarrassments arising from the rapidly increasing complication of his work as state entomologist, as director of the State Laboratory of Natural History, and as professor of zoölogy in the University, and dean in the college of science, asking a revision of his relations to the University and to these outside interests, makes the following suggestions to that end:

“Three possible methods of reorganization suggest themselves to me. (1) The simplest, and the one I should personally very much prefer, would be a resignation of my position as state entomologist and a concentration of my energies on my university department and the natural history

survey. I have hitherto been deterred from taking this course by the fact already mentioned, that the University might thus lose such incidental advantages as come from the location of the office here, and by the further fact that if this consequence should follow, the work of the office itself would almost necessarily suffer seriously, since the existing association with the University, the Agricultural Experiment Station, and the State Laboratory of Natural History, is in the highest degree helpful to it.

"(2) My university duties and responsibilities might be lessened, if thought best, by the appointment of an assistant professor to divide the work of the department with me. This would require for a competent person, a salary of \$1,500 to \$1,800.

"(3) An appropriation might be made for assistance in my state laboratory work sufficient to enable me to engage men competent to investigate and report without detailed supervision. An assignment of \$1,500 a year to the State Laboratory for increase of salaries would probably suffice. If \$500 a year could be added to this sum it would enable me to carry out at once a long cherished purpose of establishing on the Illinois river (probably at Havana) a permanent biographical station, for continuous investigation work throughout the year. As my laboratory assistants already bear a considerable share in the instructions of the university students—one of them, for example, having principal charge of my entomology class this year—and as the permanent station proposed would be an effective means of stimulating and aiding original work by students both in my department and that of Professor Burrill, there would seem to be no impropriety in such assignment of university funds."

#### CATALOGUE.

At your last meeting authority was given to make changes affecting the courses of study, and for other minor announcements in the catalogue. Authority is now asked for your committee on publication to make such adjustments of matter presented as seems necessary to secure uniformity and agreement, and to have 6,000 copies of the catalogue printed. It seems to me desirable that the preparatory school matter should be published separately, except that a simple outline of course and admission conditions may be included in the general catalogue.

#### APPROPRIATIONS.

The following requests for appropriations are hereby submitted to you for your consideration:

For examination of high schools.....	\$100 00
For a certificate for accredited schools.....	150 00
For military supplies.....	22 00
For <i>The Technograph</i> .....	100 00
For acting regent's expenses.....	43 85
For commencement expenses.....	200 00
For typewriter and cabinet for regent's office.....	120 00

I hand you herewith, making them a part of my report, a report from the agricultural department by Professor Morrow, and also a report of the board of direction of the Agricultural Experiment Station.

#### REPORT FROM FARM AND AGRICULTURAL DEPARTMENT.

UNIVERSITY OF ILLINOIS, March 6, 1894.

*Dr. T. J. Burrill, Acting Regent,*

DEAR SIR: I respectfully present the following report from the agricultural department of the University for the quarter ending March 1. 1894.

The receipts for the university farm have been \$761.22; expenditures, \$69.73; leaving balance to credit of \$691.49. All the stock belonging to

the university has been sold, with the exception of two young mares and two colts. There also remain corn and some farm implements to be disposed of.

There have been 23 students in the free short course in agriculture. As a class they have been young farmers of more than usual intelligence and have taken much interest in the work of the course. Acknowledgments are due to various members of the university faculty and of the experiment station staff for their valuable help by lecturing before these students in addition to their other duties.

The two courses of agricultural university extension lectures, authorized by the board, were held, as announced, at Dixon and Mt. Vernon. Each meeting continued four days, with four or five lectures each day. The attendance in each place was fully as large as was anticipated and was mainly continuous, although the audiences increased from the first to the last. The interest manifested was very marked and the formal and informal expressions of appreciation were highly gratifying. In each case the attendance was more largely made up of the persons in the vicinity and of middle-aged men or older farmers than would be counted desirable, as the primary design was to interest young farmers and farmers' boys. Further trial of this method of giving agricultural instruction is recommended.

Members of the faculty of the college of agriculture and of the experiment station staff have made some 70 addresses at agricultural, horticultural, and dairy meetings in our state during the three months. I have personally made 26 such addresses. While this method of endeavoring to help farmers involves large expenditure of time, I believe it is for the present one of the most effective means of our aiding in agricultural education.

The existing arrangements concerning the holding of farmers' institutes in this state seem to me unsatisfactory, in that while the state appropriates money in payment of the expenses incurred in holding such institutes, there is no supervision of them. In many counties of the state no institutes are held. The value of those held in other counties differs greatly. It seems to me clear that much better results would be secured if there were competent supervision and general direction of these institutes, and I respectfully ask the attention of the board of trustees to the question whether it would not be helpful both to the University and the institutes, if such supervision of the latter were made a part of the duties of the agricultural department of the University.

The Illinois State Dairymen's Association, at its recent annual meeting, passed a resolution advocating the establishment of a dairy school at this University, as has been done in several other states in connection with the state university or agricultural college. I respectfully present my hearty approval of this action.

In common with all institutions of the same general class in the United States where a choice of courses of study is freely offered, we have failed to secure more than a very few students for regular agricultural courses. We have found here as elsewhere some demand for short courses in agriculture; but the evidence seems conclusive that this demand is chiefly for training in some one or more lines of work connected with agriculture rather than for education in the principles or general practice of agriculture. Of these lines instruction in dairying, more especially with reference to the manufacture of butter or cheese, is by far the most popular.

By the laws under which this institution was established, it is made a leading object of it to give instruction in the branches of learning relating to agriculture. We could not escape this duty and obligation if we would, and would not if we could. But it is obvious that the methods by which we attempt to do this work should be modified from time to time so as to meet whatever demand exists and to foster such demand.



The work of the Agricultural Experiment Station is increasingly appreciated, but this is a part only of the work we should do so far as it is possible.

I most earnestly request that action be taken looking to securing from the next legislature of an appropriation sufficiently large to cover the cost of the erection and equipment of a building for the agricultural department of the University, including the Experiment Station. A prominent feature of this should be provision for a dairy school, but the building should also include rooms and apparatus for instruction in veterinary and horticultural subjects, as well as for those more directly relating to general agriculture, and for the offices and laboratories of the Agricultural Experiment Station.

Respectfully submitted,

G. E. MORROW.

#### AGRICULTURAL EXPERIMENT STATION REPORT.

URBANA, ILL., March 13, 1894.

*Dr. T. J. Burrill, Acting Regent,*

DEAR SIR: I beg leave to submit from the board of direction of the Agricultural Experiment Station the following:

Paper A is a list of warrants drawn, No. 66 to 133, inclusive, for the quarter ending December 31, 1893, and is accompanied with vouchers for the same, for audit.

Paper B is a statement of expenditures for the quarter ending December 31, 1893.

Paper C is a statement of appropriations, expenditures and balances for the quarter ending March 31, 1894.

Paper D is a statement of appropriations asked for the current quarter and for the next quarter.

PAPER B—STATEMENT OF APPROPRIATIONS, EXPENDITURES AND BALANCES FOR THE QUARTER ENDING DECEMBER 31, 1893.

	Appropriated.	Expended.	Balance.
Buildings and repairs .....	\$25 00	.....	\$25 00
Board expenses .....	40 00	\$22 86	17 14
Books and periodicals .....	250 00	237 09	12 91
Botanical apparatus .....	60 00	38 07	21 93
Bulletins .....	350 00	240 15	109 85
Chemical apparatus .....	175 00	211 86	.....
Fertilizers .....	75 00	.....	75 00
Fuel and lights .....	110 00	68 20	41 80
Incidentals .....	25 00	18 30	6 70
Printing, stationery, and postage .....	25 00	5 00	20 00
Salaries .....	1,985 00	1,877 26	87 74
Seeds and trees .....	20 00	.....	20 00
Tools and supplies .....	25 00	15 67	9 33
Wages and teams .....	800 00	863 08	.....
Sundry experiments—			
Dairying experiments .....	100 00	19 80	80 20
Wheat and other experiments .....	50 00	.....	50 00
Nitrogen experiments .....	75 00	.....	75 00
Drainage .....	200 00	.....	200 00
Dairy and horticultural schools .....	250 00	.....	250 00
Total .....	\$4,640 00	\$3,617 34	\$1,102 60

## PAPER C—STATEMENT OF APPROPRIATIONS, EXPENDITURES AND BALANCES FOR QUARTER ENDING MARCH 31, 1894.

	Appropriated.	Expended.	Balances.
Buildings and repairs .....	\$25 00	.....	\$25 00
Board expenses .....	40 00	.....	40 00
Books and publications .....	50 00	.....	50 00
Botanical apparatus .....	10 00	\$3 46	6 54
Bulletins .....	750 00	345 19	404 81
Chemical apparatus .....	50 00	23 17	26 83
Fuel and lights .....	100 00	.....	100 00
Incidentals .....	25 00	1 25	23 75
Printing, stationery, and postage .....	25 00	7 45	17 55
Salaries .....	1,985 00	1,356 64	628 36
Seeds and trees .....	100 00	2 25	97 75
Tools and supplies .....	50 00	48 00	2 00
Wages and teams .....	800 00	505 46	294 54
Sundry experiments—			
Dairying experiments .....	150 00	.....	150 00
Drainage .....	200 00	.....	200 00
Wheat and other experiments .....	50 00	.....	50 00
Total .....	\$4,410 00	\$2,292 87	\$2,117 13

## PAPER D—ESTIMATES.

<i>Quarter Ending March 31, 1894.</i>		
Bulletins .....		\$100 00
Meteorological apparatus .....		10 00
Salaries .....		50 00
Tools and supplies .....		200 00
Wages .....		225 00
Farmers' institutes .....		55 00
Total .....		\$640 00
<i>Quarter Ending June 30, 1894.</i>		
Building and repairs .....		\$25 00
Board expenses .....		40 00
Books and publications .....		75 00
Botanical apparatus .....		10 00
Bulletins .....		300 00
Chemical apparatus .....		50 00
Fuel and lights .....		100 00
Incidentals .....		25 00
Printing, stationery, and postage .....		25 00
Salaries .....		1,785 00
Seeds and trees .....		20 00
Tools and supplies .....		175 00
Wages .....		1,130 00
Sundry experiments—		
Dairying experiments .....		50 00
Drainage experiment .....		200 00
Wheat and forage experiments .....		50 00
Total .....		\$4,060 00

The board of direction proposes, if the committee to which the matter has been referred, shall deem it advisable so to do, to sell some of the stock which it now has and to purchase cows for the dairy. It asks this board to appropriate the proceeds of such sales, if made, for this purpose. It also asks that \$150 in addition thereto be appropriated from the farm fund for the fitting up of the dairy, or for the purchase of cows, as may be necessary.

The board of direction suggests the following as a readjustment of the salaries of those members of the station staff, who are now paid in part from university funds and in part from experiment station funds:

Professor Morrow, \$1,300 from the Station instead of \$1,000.

W. L. Pillsbury, \$800 from the Station instead of \$1,500.

F. D. Gardner, \$1,000 from the Station instead of \$500.

It proposes that Professor Burrill and G. P. Clinton be paid the same amount from the Station as heretofore—\$300 and \$750 respectively.

Heretofore Mr. Mayer, who has charge of the greenhouse, has been paid \$600 a year by the Experiment Station. The board of direction proposes to pay Mr. Mayer hereafter \$360 from station funds.

The other members of the station staff, all of whom are paid exclusively from experiment station funds, will continue at the same salaries they are now receiving.

The board of direction asks authority to conduct the following experiments:

1. Investigations in vegetable physiology.
2. Experiments in garden vegetables.
3. Experiments with florists' plants.

A National Dairy Congress, of which experiment stations may become members, has been organized, and authority is asked to make this Experiment Station a member of the congress in case the executive committee of the Experiment Station shall, upon further inquiry, deem it advisable so to do.

Respectfully submitted,

G. E. MORROW,

*President of Board of Direction.*

□The communication from Professor Morrow, concerning the agricultural department of the University, touches upon points of interest and of great importance to the University. They should receive, as I have no doubt they will, very careful consideration.

□The requests made by the board of direction, are along the usual lines and have been carefully considered by the board.

Respectfully submitted,

T. J. BURRILL,

*Acting Regent.*

The proposed changes in the style of uniforms for the battalion and band were approved. The regent and executive committee of the board were given power to take such action as they should deem wise with regard to contracting for furnishing these uniforms.

The uniforms authorized are as follows:

#### DESCRIPTION OF UNIFORMS.

##### NON-COMMISSIONED OFFICERS AND PRIVATES.

*Coat*—Of cadet gray cloth; single breasted; standing collar, fastened with hook and eye; coat to close with a flap containing five concealed black buttons and button-holes; the skirt to extend from one-third to two-thirds the distance from the hip-joint to the bend of the knee, according to height of wearer. To be cut to fit closely; back in single piece with curved side-seams.

*Trimmings*—Of black mohair flat braid, as follows: To be edged all around the bottom, the front edges, the collar, up the back seams, and around the sleeves three inches from the edge, with braid one inch wide. On each side of the breast, five double rows of three-eighths inch braid, with points at the outer end of the top rows extending nearly to sleeve seams, the lowest points to be about six inches apart, according to measure of waist. To have two inside breast pockets.

*Trousers*—To be of cadet gray cloth, with stripe of black cloth down outer seam of each leg.

*Cap*—Of dark blue cloth, army pattern, with University badge (wreath and letters U. of L.) embroidered in gold bullion on cap.

*Gloves*—White Lisle thread or white Berlin gloves.

#### OFFICERS.

*Coat*—Of dark blue cloth; single breasted; standing collar, fastened with hook and eye; coat to close with a flap containing five concealed black buttons and button-holes; the skirt to extend from one-third to two-thirds the distance from the hip-joint to the bend of the knee, according to height of wearer. To be cut to fit the figure *easily*; back in single piece with curved side seams; a vertical opening in each side at the hip; the sword-belt to be worn underneath the coat, the sword-hook emerging through the opening in the left side. The shoulder-strap to be worn.

*Trimmings*—Of black flat mohair braid, as follows: To be edged all around the bottom, the front edges, the collar, and for six inches upward from the bottom, along both side openings of the skirt, with braid one inch wide. On each side of the breast five double rows of three-eighths inch braid with crow's feet at the outer ends; the crow's feet of the top rows extending nearly to the sleeve seams, the lowest crow's feet to be about six inches apart, according to measure of waist. On each sleeve, an Austrian knot of three-eighths inch braid, extending about nine inches upward from the bottom of the cuff; along each back-seam a double row of three-eighths inch braid ending with crow's feet at top and bottom. To have two inside breast pockets.

*Trousers*—Of light blue cloth, with stripe of white cloth, one and one-half inches wide, welted at the edges, down outer seam of each leg.

*Cap*—Same as for non-commissioned officers and privates, with the addition of a gilt cap cord.

*Gloves*—White Lislè thread.

#### BAND UNIFORM.

*Coat*—Of dark blue cloth, slit at sides, bound all around the edges, front and bottom, and slit at sides with a row of one inch black mohair braid laid on flat, and on the inside of this another row of one-eighth inch black mohair soutache set one-fourth inch from the wide braid, forming small loops at the corners and over the points of the side slits. Front to be trimmed with black soutache braid worked into a small leaf design. Invisible buttons, fly front, standing collar, braided with one inch black braid. Sleeves trimmed with black soutache braid. Small gilt lyre embroidered on each side of collar.

*Trousers*—Of dark blue cloth, with one inch black braid on outer seams.

*Cap*—Soft crown, navy pattern, dark blue with falling leather visor. Band covered with one inch black mohair braid, no braid on top; U. of I. monogram in silver. Front cord and side buttons to be gilt.

It was voted that hereafter the same number of credits for graduation should be required of the young women as of the young men, and that two credits should be given to the young women for the work done in the courses of physical culture for women, the same in time and amount as that now done by the young men in military courses 1 and 2.

The question with regard to chapel exercises was postponed to the next meeting on motion of Mr. McKay.

On motion of Mr. Raab, the board gave assent to the proposed use of Saturday forenoon for college exercises, so far as it should be found desirable.

So much of the regent's report as related to the department of pedagogics was referred to the committee on instruction, and to the same

committee was referred those parts of the regent's report relating to the age for admission, the course of study of the preparatory school, the admission credits in Latin, and the admission of graduates of the State Normal Universities to the courses in pedagogics and allied subjects.

On motion of Mr. Raab the faculty was authorized to announce in the next catalogue the courses and other requirements for the degrees of doctor of philosophy (Ph.D.), and doctor of science (Sc.D.)

Assistant Professor J. M. White was given leave of absence from June 7, 1894, and through the next college year.

The farm report was referred to the farm committee.

To the committee on instruction was referred the requests from the mechanical engineering department and the department of physics and electrical engineering.

The communication in regard to the chemical laboratory was referred to the committee on buildings and grounds; that from Professor Forbes, to the committee on instruction.

The appropriations recommended by the regent, except that for a certificate for accredited schools, were made as follows:

From current funds—

For examination of high schools.....	\$100 00
For military supplies.....	22 00
For <i>The Technograph</i> and advertisement therein .....	100 00
For regent's bill for traveling expenses.....	43 85
For commencement expenses.....	200 00
For typewriter and cabinet, regent's office.....	120 00

Taking up the report from the Agricultural Experiment Station, the recommendation of the board of direction with regard to the readjustment of the salaries of those members of the station staff who are paid in part from the university funds and in part from experiment station funds, was approved, the readjustment to take effect April 1, 1894.

In accordance with this action Professor Morrow will hereafter be paid \$1,300 from experiment station funds, and \$1,000 from university funds; W. L. Pillsbury, \$800 from station funds, and \$1,200 from university funds; F. D. Gardner, \$1,000 from experiment station funds; Mr. Mayer, \$360 from station funds, and \$240 from university funds.

Authority was given the board of direction to carry on the new experiments named in its report; also, should it be found advisable, to sell stock and buy dairy cows, and to make the Experiment Station a member of the National Dairy Congress.

The secretary reported that Mr. E. E. Chester, of Champaign; E. A. Reihl, of Alton, and H. B. Gurlier, of DeKalb, stand recommended for membership in the board of direction of the Experiment Station by the Illinois State Board of Agriculture, Illinois State Horticultural Society, and the Illinois Dairymen's Association, respectively.

These gentlemen were thereupon elected members of the board of direction of the Experiment Station for the year beginning April 1, 1894.

Messrs. Morrison and Raymond were elected members for the same time; also Professor Morrow, Professor Burrill, Professor Forbes, and Mr. E. H. Farrington.

Professor Morrow was made president of the board of direction, and Messrs. Chester and Raymond were designated as the two members of the board of direction who should, with its president, Professor Morrow, constitute its executive committee.

The committee on buildings and grounds reported that it was offered the Bronson strip of land, lying west of Mathews avenue, for \$5,400, one-third cash, the rest in one and two years, with interest at 7 per cent., or for \$5,000 cash.

The board then adjourned, to meet a 8 o'clock p. m., at the Doane House, in Champaign.

EVENING SESSION.

The board met at the Doane House pursuant to adjournment.

The committee on instruction made the following report:

URBANA, ILL., March 13, 1893.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your committee on instruction makes the following recommendations:

1. That Evarts Boutell Greene, Ph.D., be appointed assistant professor of history; term of service to commence September 1, 1894, and salary not to exceed \$1,800 a year.

2. That a model school be established in connection with the department of pedagogics; that two rooms be assigned to this school and fitted up for its use; that the University employ a teacher at a salary not to exceed \$600 a year; that a proposition be made to the board of education of the city of Urbana to furnish pupils for this model school, to the number of forty, and a second teacher, who shall be a person approved as satisfactory by the professor of pedagogics, and shall be paid by the board of education of the city of Urbana, not less than \$600 a year. In case this proposition is not accepted by the Urbana school board, that a second teacher shall not be employed without further action by this board.

3. That no person under sixteen years of age shall hereafter be admitted to the University.

4. That hereafter a two years' course be offered in the preparatory school.

5. That graduates of the state normal universities be admitted on their diploma of graduation to the courses in pedagogics and allied subjects and be granted a certificate on completion of a two years' course.

6. The committee recommends that \$1,800 be appropriated for the establishment by the zoological department of the University, of a biological station at Havana, and other purposes, in accordance with recommendations made by Professor Forbes.

7. That Professor Snyder be given a leave of absence for one year, from September 1, 1894, on half pay; that Assistant Professors Shea, Kinley, and Bruner, be made full professors in their several departments, and that Mr. Pence be made assistant professor of civil engineering.

Respectfully submitted,

F. M. MCKAY,	} Committee on Instruction.
HENRY RAAB,	
J. E. ARMSTRONG,	

The report of the committee was approved and the appropriations were made as therein recommended.

The board adjourned to meet at 9 o'clock a. m. in the University parlor.

WEDNESDAY MORNING SESSION.

When the board met pursuant to adjournment the same members were present as the day before, except Mr. McKay.

An appropriation of \$20.00 was made from current funds to reimburse the treasurer, Mr. C. W. Spalding, for the accrued interest paid on the Gallatin county bond purchased for the endowment fund, November 30, 1893.

An appropriation of \$17.64 was made to pay for advertising in *The Illini*.

The finance committee presented the following reports, which were severally adopted. All appropriations therein recommended were made.

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your finance committee reports that it has examined the report of the treasurer, C. W. Spalding, herewith attached, for the three months ending February 28, 1894, and finds the same correct.

The committee finds that on September 1, 1893, the treasurer had on hand \$33,377.50 belonging to the endowment fund; that since then there has been collected on the land contracts in Minnesota, \$4,142.00; and that Gallatin county 6 per cent. bonds, to the amount of \$10,000.00, have been purchased at par, leaving a balance of cash on hand in the endowment fund, March 1, 1894, of \$27,519.50. The committee recommends that this sum be at once invested in such securities as may be held, according to law, as a part of the endowment fund. It should be stated, however, that Mr. Spalding has told your committee that he is negotiating for additional bonds and hopes to consummate a purchase at an early date.

Respectfully submitted,

ALEXANDER MCLEAN, } *Finance Committee.*  
J. E. ARMSTRONG, }

## TREASURER'S REPORT.

CHARLES W. SPALDING, TREASURER, IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, FEBRUARY 28, 1894.

		<i>Dr.</i>		
1893.				
December	1	To balance .....		\$190,081 23
"	1	From S. W. Shattuck on account of general fund.....	\$1,646 60	
"	7	Principal on contract No. 81, Frank Topka.....	150 00	
"	7	Interest .....	73 50	
"	20	" " " No. 86, Anne Hanson.....	23 10	
"	26	Principal on contract No. 60, James Havlina.....	120 00	
"	26	Interest .....	9 60	
"	26	Principal on contract No. 59, Frank Havlina.....	120 00	
"	26	Interest .....	9 60	
"	26	" " " No. 36, L. H. Ruyle, assignee .....	120 00	
"	26	Principal on contract No. 5, Bashor & Ault.....	575 00	
"	26	Interest .....	46 00	
"	26	" " " No. 73, Olof Mattson .....	84 00	
"	26	" " " No. 65, Joseph Cuta .....	84 00	
"	26	" " " No. 62, R. H. Muhlhausen .....	132 00	
"	26	" " " No. 109, Otto Monson .....	28 00	
"	27	From W. L. Pillsbury, transferring his personal account from university books, which amount is credited to experi- ment station account .....	407 76	
"	28	Interest on contract No. 61, O. B. Webb, assignee.....	104 00	
"	28	" " " No. 64, Eric Lindquist.....	84 00	
"	29	From S. W. Shattuck on general fund account.....	2,230 29	
"	30	Interest on contract No. 31, J. H. Hanson.....	40 00	
"	30	Principal .....	200 00	
"	30	Interest " " No. 45, Blivens & Miller.....	124 48	
"	30	Principal " " No. 47, M. Hubka.....	200 00	
"	30	Interest .....	113 15	
"	30	" " " No. 53, F. Novotny, assignee.....	56 00	
"	30	" " " No. 57, C. Anderson .....	24 00	
"	30	Principal " " No. 34, J. & H. J. Swoboda.....	200 00	
"	30	Interest .....	16 00	
"	30	Interest to date on endowment fund at 4 per cent.....	117 94	
"	30	Interest to date on other funds at 2½ per cent.....	286 22	
1894.				
January	2	Part interest on contract No. 106, Peter Teden.....	75 00	
"	2	Interest on contract No. 63, R. O. Braaten.....	4 39	
"	2	" " " No. 97, M. O. Batterbury.....	52 50	
"	2	" " " No. 40, Joseph Dezort.....	96 00	
"	2	" " " No. 75, S. J. Hallquist.....	84 00	
"	2	" " " No. 76, S. J. Hallquist.....	84 00	
"	2	" " " No. 108, P. E. Olson.....	120 75	
"	2	Principal " " No. 71, Thomas Peterson.....	50 00	
"	2	Interest .....	7 70	
"	3	Principal " " No. 79, Ole Sorenson.....	20 00	
"	2	Interest .....	75 00	
"	2	" " " No. 67, J. A. DuBois.....	28 00	
"	21	" " " No. 87, Laura DuBois, assignee.....	105 00	

*Treasurer's Report—Continued.*

1894.				
January	2	Principal on contract No. 77, William Buethe.	\$400 00	
"	2	Interest " " " "	42 00	
"	2	Principal " No. 78, " "	400 00	
"	2	Interest " " " "	42 00	
"	2	Principal " No. 80, " assignee.	120 00	
"	2	Interest " " " "	75 60	
"	2	" " No. 98, John T. Egan.	52 50	
"	2	Interest on Gallatin county bonds.	830 00	
"	2	" Crawford county bonds.	600 00	
"	2	" Austin bonds.	575 00	
"	2	" contract No. 112, Ole Lundquist.	66 35	
"	2	" " No. 90, A. Skredsvig.	105 00	
"	4	" " No. 96, Henry Lia.	21 00	
"	4	" " No. 93, L. S. Botten.	40 25	
"	4	Part principal on contract No. 93, L. S. Botten.	15 00	
"	5	Interest on Mansfield bonds.	243 00	
"	5	Received on account of taxes advanced on land, Olaf Mattson	12 00	
"	6	Interest on contract No. 69, Berthal Pederson.	14 70	
"	6	" " No. 74, " "	14 70	
"	8	" " No. 41, U. M. Losey.	68 00	
"	8	" " No. 42, F. L. Mars, assignee.	40 00	
"	8	" " No. 35, Rush & Bashor, assignees.	48 00	
"	8	Received from S. W. Shattuck, account of general fund.	2,463 40	
"	10	Received from U. S. treasurer, account Experiment Station.	3,750 00	
"	10	Principal on contract No. 99, Nels Olson.	100 00	
"	10	Interest " " " "	49 00	
"	10	" " No. 42, H. R. Simpson, assignee.	40 00	
"	10	" " No. 38, " "	64 00	
"	11	" " No. 58, E. Muhlhausen.	114 00	
"	18	Principal " No. 10, John Ellis, assignee.	300 00	
"	18	Interest " " " "	25 00	
"	19	Principal " No. 54, B. F. Leiby.	272 00	
"	19	Interest " " " "	128 95	
"	20	Received of W. L. Pillsbury on experiment station farm account.	10 60	
"	20	Interest on contract No. 24, Peter Mooney, assignee.	39 38	
"	20	" " No. 25, " "	158 62	
"	20	Principal " " " "	600 00	
"	26	Interest " No. 66, Peter Larson.	84 37	
"	29	Principal " No. 31, J. H. Hansen, due 1-1-'95.	300 00	
"	29	Interest " " " " 1-1-'95.	24 00	
"	29	" " No. 32, P. C. O'Brien.	124 33	
"	30	" " No. 37, W. T. Gore, assignee.	96 75	
"	31	Interest on endowment fund to date at 4 per cent.	91 20	
"	31	Interest on other funds to date at 2½ per cent.	246 17	
February	1	Received from S. W. Shattuck on general fund.	1,957 25	
"	1	Interest due Feb. 1, 1894, on Mattoon bonds.	150 00	
"	1	Interest due Feb. 1, 1894, on Champaign county bonds.	270 00	
"	3	Received from W. L. Pillsbury on farm account.	12 84	
"	8	Received from S. W. Shattuck on general fund.	2,841 59	
"	14	Interest on contract No. 91, O. O. Halvorson.	63 00	
"	14	" " No. 92, " "	63 00	
"	14	" " No. 93, " "	78 75	
"	14	" " No. 94, " "	43 75	
"	14	" " No. 100, " "	26 25	
"	14	Accrued interest on above.	2 35	
"	15	From S. W. Shattuck on general fund.	1,000 00	
"	27	" " " "	1,501 93	
"	28	From W. L. Pillsbury on farm account.	54 48	
"	28	Interest on endowment fund to date at 4 per cent.	85 52	
"	28	Interest on other funds to date at 2½ per cent.	190 79	
				\$28,946 55
				<u>\$218,977 78</u>
<i>Cr.</i>				
1894.				
February	28	By amount paid on account general fund, as per list of warrants attached hereto.	\$17,344 00	
"	28	By amount paid on account of state appropriations, as per list of warrants attached hereto.	56,165 29	
"	28	By amount paid on account State Laboratory of Natural History, as per list of warrants attached hereto.	2,379 02	
"	28	By amount paid on account of U. S. fund, as per list of warrants attached hereto.	7,355 49	
"	28	By amount paid on account of U. S. experiment station fund, as per list of warrants attached hereto.	4,141 39	
"	29	By amount paid out of endowment fund for ten Gallatin county bonds.	10,000 00	
				\$97,385 19



*Treasurer's Report—Concluded.*

Balances—			
General fund.....	\$6,251 86		
State appropriations.....	79,852 27		
U. S. fund.....	4,548 59		
U. S. experiment station fund.....	3,342 45		
Endowment fund.....	27,519 50		
U. S. experiment farm account.....	77 92		
			\$121,592 59
			\$218,977 78

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your finance committee has examined the vouchers submitted by the business agent, Mr. S. W. Shattuck, No. 1 to 575, inclusive, for the quarter ending November 30, 1893, and finds them correct and duly receipted. The committee also find that voucher No. 1,037, which was not on file at the date of the last report, is now on file and duly receipted.

The committee also examined the experiment station vouchers, No. 66 to 133, inclusive, for the quarter ending December 31, 1893, and found the same correct and duly receipted.

Respectfully submitted,

ALEXANDER MCLEAN, } *Finance Committee.*  
J. E. ARMSTRONG, }

URBANA ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your finance committee, to which was referred Professor Shea's communication concerning an appropriation for the electrical engineering department, and additional assistants for the same, begs leave to report that it fully agrees with Professor Shea as to the necessity of such appropriation and assistants, and that it believes that the board must make such arrangements in the near future; in fact, at the first moment that the state of our finances will admit. The committee recommends that the subject be given careful consideration at the next meeting of the board.

Your committee also recommends that the balance of the United States fund, \$407.64, be assigned to the electrical engineering department, as recommended by the business agent.

The committee further recommends that inasmuch as the apparatus and supplies needed for the physics and electrical engineering departments must be in a large measure manufactured after they are ordered, and imported from abroad, the business agent and Professor Shea be authorized to order apparatus and supplies to cost not more than \$4,000, payment not to be made until after July 1, 1894.

Your committee also recommends appropriations for expenses for the three months ending May 31, 1894, as asked by the business agent.

Board expenses.....	\$400 00
Salaries for instruction and regent.....	20,000 00
Salaries for services.....	2,000 00
Buildings and grounds.....	600 00
Fuel and lights.....	1,000 00
Stationery, printing, and catalogue.....	1,000 00
Laboratories.....	200 00
Library and apparatus.....	50 00
Incidentals.....	200 00
Water supply.....	125 00
Furniture and fixtures.....	100 00
Mechanical, architectural, agricultural, and horticultural departments.....	300 00
Military department.....	25 00
Heating apparatus.....	100 00
Accredited schools, balance.....	44 87
Band music, balance.....	7 90
<i>Illini</i> subscription, balance.....	321 34
Gymnasium, balance.....	56 33
Art department, balance.....	16 97
Music and piano, balance.....	48 00
World's Fair exhibit, balance.....	250 00
Total.....	\$26,845 40

The committee also recommends the following assignments from the State appropriations:

Salaries for instruction.....	\$13,500 00
Machine shops.....	300 00
Buildings and grounds.....	190 53

These assignments close out the state appropriation for current expenses.

The committee recommends that \$147.43 be appropriated to defray expenses in relation to the World's Fair exhibit in excess of the amounts already appropriated.

The committee recommends that Dr. Burrill and the business agent be authorized to purchase apparatus for the botanical department to the amount of \$50, the same to be paid for after July 1, 1894.

Respectfully submitted,

ALEXANDER MCLEAN, } *Finance*  
J. E. ARMSTRONG, } *Committee.*

The committee on buildings and grounds made the following report:

#### ENGINEERING HALL.

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your committee on buildings and grounds reports that work on Engineering Hall is now progressing fairly well. At the beginning of winter the frost affected the stone somewhat, as it had been newly quarried; and in order that the building should not be injured, the superintendent ordered that the laying of stone in the walls be discontinued. The beginning of March work was started anew and will now be pushed as rapidly as practicable. The work that has been done is satisfactory.

The contractors have been paid on estimates of the superintendent since the last report of this committee—January 1, 1894, \$13,739.65; February 1, 1894, \$8,796.60; March 1, 1894, \$10,037.72.

The committee recommends the payment of \$1,200 to the architect and superintendent, to apply on services.

Additional blue prints have been prepared at an expense of \$14.40; an appropriation is asked for this amount.

The fact that the second installment of the appropriation for the building will not be paid to our treasurer till July 1st, has caused the committee to delay asking for bids for contracts for heating apparatus, etc. Appropriations and contracts for this purpose will be ready for confirmation at the meeting in June.

Respectfully submitted,

S. A. BULLARD, } *Committee on*  
N. B. MORRISON, } *Buildings and Grounds.*

The report of the committee was approved for record, and appropriations made as asked therein.

The following report was received from the same committee:

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: The committee on buildings and grounds recommends that the president of this board and the executive committee be authorized and directed to purchase of Mrs. Nina B. Bronson so much of the land known as the Bronson tract of land, adjacent to the University grounds, as lies west of the west line of Mathews avenue, formerly Nelson avenue, amounting to 6½ acres, more or less. The committee further recommends that the executive committee be authorized to pay for this land \$4,500 and the fees of transfer.

Respectfully submitted,

S. A. BULLARD, } *Committee on*  
N. B. MORRISON, } *Buildings and Grounds.*

The report of the committee was approved and an appropriation of \$4,500 from current funds was made for this purpose.

Mr. Bullard offered the following resolution and moved its adoption:

*Resolved*, That the committee on buildings and grounds be directed to investigate the probability of finding natural gas on the University lands, and to expend, if it should be found for the interest of the University to do so, not to exceed \$500 in this investigation and in utilizing the gas, if found.

The resolution was adopted, and \$500 was appropriated from current funds for this purpose.

The committee on instruction, together with the committee of the faculty, made the following report of a plan for a summer school:

#### SUMMER SCHOOL.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your committee to which was referred the subject of details of a plan for a summer school to be held at the University begs respectfully to report that it has given the matter careful attention, and recommends that a summer school be held, to begin June 18th and continue four weeks, with a charge for tuition of \$10 for the session for each student. It is assumed that the usual laboratory fees and charges will be made to students taking laboratory work.

As this is intended as a University, not a private, enterprise, we are of the opinion that instructors should receive pay, corresponding to the service engaged, at about the usual rate for University instruction. The rate of about one-tenth the regular yearly salary of the several professors and instructors is suggested. We further advise that the following subjects only be provided for this first year, viz: athletics, zoölogy, physiology, botany, chemistry, English literature, pedagogy, psychology, political economy and history.

It is recommended that where work is done on university subjects, under the tuition of the regular university instructors, in amount to equal a full term's work in any course, credit should be given on the records of the University for such work, its value to be determined by such ex-

aminations as are usual in the department to which it belongs. It is further advised that opportunity be given to university students, conditioned in their regular courses, to work off those conditions at this summer school.

The libraries and laboratories of the University should, of course, be open to students of this school.

In order to reduce as much as possible the expense of this session, which must at best far outrun receipts, we advise that different subjects be thrown together under one instructor whenever this is feasible. Zoölogy and physiology may be thus united, pedagogy and psychology, political economy and history, with the effect to reduce the number of instructors required to seven.

It is to be presumed that those teaching only single subjects at this summer school need not be engaged more than half their time. On the supposition that those thus employed would be willing to give their services for half the salary above recommended, we find that the total expense for salaries could not well be less than \$800, and would more likely approximate \$1,000 for the session. On the other hand, the income of the school for tuition at an estimated attendance of fifty students would not exceed \$500, leaving an estimated deficiency of at least \$500 to be met by appropriation. It seems to us that the trustees should appropriate \$1,000 for salaries and, say, \$200 for advertising and incidental expenses,—or so much of these sums as may be found necessary,—with the understanding that all receipts for tuition, laboratory fees, etc., shall be applied in payment of salaries and expenses before this appropriation is drawn upon.

We have further to recommend that Professor McMurry be made director of the school and charged with all details of the arrangements and with the general supervision of its work, under regulations to be established by the trustees and faculty; and that Professor Kinley be made assistant director, to take charge during Professor McMurry's absence.

As the committee on instruction has not had an opportunity to communicate personally with the members of the faculty understood to be available for summer school work, we suggest that this committee be empowered to make engagements within the limits of the appropriation for salaries.

Respectfully submitted,

F. M. MCKAY,  
J. E. ARMSTRONG, } *Committee on Instruction.*  
HENRY RAAB,

S. A. FORBES,  
H. J. BARTON, } *Faculty Committee*  
F. M. MCMURRY, } *on Summer School.*

The report of the committee was approved, and \$1,200 was assigned to be used as provided in the report.

The committee on finance made the following report, which was adopted, and the treasurer was instructed to make the transfer proposed:

URBANA, ILL, March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your committee on finance recommends that the treasurer be instructed to effect a transfer between the endowment fund and the general fund, as follows:

Of the Kankakee county bonds, held as part of the general fund, \$5,000 shall be transferred to the endowment fund, and \$5,000 of cash, held as part of the endowment fund, shall be transferred to the general fund.

Respectfully submitted,

ALEXANDER MCLEAN, } *Finance Committee.*  
J. E. ARMSTRONG,

The committee on instruction made the following report, which was adopted:

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your committee on instruction recommends that in pursuance of the adjustment of salaries between the University and the Experiment Station, the University hereafter pay W. L. Pillsbury \$1,200 a year, and John Mayer, gardener in charge of the greenhouse, \$20 a month.

Respectfully submitted,

J. E. ARMSTRONG, } *Committee*  
HENRY RAAB, } *on Instruction.*

The committee on instruction made the following report, which was adopted:

#### APPOINTMENTS.

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Complying with the vote of the board at its last meeting to the effect that the annual appointments of instructors and assistants should be made at the March meeting of the board, your committee proposes the following persons for re-appointment:

Messrs. G. W. Parker, G. P. Clinton, T. A. Clark, C. D. McLane, C. B. Clark, W. E. Sandford, H. S. Piatt, H. E. Parker, J. D. Phillips, C. A. Gunn, A. H. White, W. Esty, B. V. Swenson, L. W. Peabody, A. R. Curtiss, F. Smith, A. H. Daniels, Miss Edith Shattuck, Miss Alice M. Barber, Miss Anita M. Kellogg; also Messrs. E. G. Howe and N. A. Weston, of the preparatory school.

In most cases, the work for the next college year will be the same for these persons as it has been the past year, but your committee recommends that specific assignment to work and also the fixing of salaries be deferred till the next meeting of the board.

The committee also recommends that George W. McCluer be appointed instructor in horticulture, and receive for services thus rendered \$180 a year, his term of service and salary to begin April 1, 1894.

Respectfully submitted,

J. E. ARMSTRONG, } *Committee*  
HENRY RAAB, } *on Instruction.*

The committee on instruction made the following report:

#### CLASSIFICATION AND SALARIES OF FACULTY.

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your committee on instruction reports the following schedule for the classification and salaries of members of the faculty:

1. The titles to be professor, associate professor, assistant professor, instructor and assistant.
2. That the deans of the colleges shall be elected annually by the board of trustees.
3. That the salaries be respectively: Deans, \$2,000, with an annual increase of \$100 to \$2,500; professors, \$1,800, with an annual increase of \$100 to \$2,250; associate professors, \$1,600, with an annual increase of \$50 to \$2,000; assistant professors, \$1,200, with an annual increase to \$1,800; instructors, \$800, with an annual increase of \$50 to \$1,200; assistants, \$600, with an annual increase of \$50 to \$800; fellows, \$400 a year.

4. That no promotion from rank to rank, and no increase of pay by reason of years of service shall be made except by a specific vote of the board of trustees.

Respectfully submitted,

J. E. ARMSTRONG, } *Committee*  
HENRY RAAB, } *on Instruction.*

This report was adopted, and the regent and the committee on instruction were directed to classify for the catalogue of this year the present corps of instructors, in accordance herewith.

F. H. Dodge, of Chicago, was appointed director of the gymnasium and instructor in athletics, at a salary of not to exceed \$1,600 a year; term of service to begin September 1, 1894.

The farm committee made the following report:

URBANA, ILL., March 14, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: Your farm committee respectfully reports that, inasmuch as the larger portion of the agricultural appliances, stock, etc., has been turned over to the Experiment Station, it is recommended that a committee (the professor of agriculture being a member thereof) be appointed to reconstruct and revise the agricultural department of the University, visiting and examining, if necessary, agricultural departments of other institutions of like character with this, and to report, if practicable, a plan of organization for the department, and any further suggestions, as the committee may desire, at the next meeting of the board.

The committee also recommends that the sum of \$100 be appropriated for drainage purposes on the experiment farm.

Respectfully submitted,

N. B. MORRISON, }  
ALEX. McLEAN, } *Farm Committee.*

The report was adopted, and \$100 was appropriated from current funds for the purpose named.

The business agent made the following report:

#### BUSINESS AGENT'S REPORT.

UNIVERSITY OF ILLINOIS, March 13, 1894.

*Nelson W. Graham, Esq., President Board of Trustees of University of Illinois,*

SIR: I have the honor to hand you herewith the following named financial statements and papers due from me at this time:

*Paper A.* a statement of the current appropriations for the three months ending February 28, 1894.

*Paper B.* a showing of the state appropriations February 28, 1894.

*Paper C* and *C 2nd*, the same for the United States fund.

## PAPER A—CURRENT APPROPRIATIONS.

December 13, 1893.	Appr'p'iated.	Receipts appr'p'iated.	Expended.	Balance.
Board expense.....	\$600 00	.....	\$331 21	\$268 79
Salaries for instruction { Current State..... }	19,249 86	.....	{ 4,311 86 14,868 68 }	{ 62 32
Salaries for services.....	2,237 50	.....	2,217 87	19 63
Buildings and grounds.....	500 00	\$7 50	293 03	214 47
Fuel and lights.....	2,000 00	40 00	1,920 07	119 93
Stationery and printing.....	600 00	.....	448 79	151 21
Preparatory school.....	.....	1,236 00	900 14	335 86
Minnesota lands.....	.....	142 00	85	141 15
Mechanical department.....	365 00	462 47	821 35	6 12
Architectural department.....	50 00	1,467 14	1,500 20	16 94
Agricultural department.....	.....	949 71	169 82	779 86
Horticultural department.....	50 00	60 40	72 10	38 30
Military department.....	75 00	.....	8 49	66 51
Laboratories.....	350 00	601 51	942 81	9 00
Library and apparatus.....	50 00	.....	44 61	5 39
Incidentals.....	322 98	.....	292 46	30 52
Accountant.....	450 00	.....	450 00	.....
Water supply.....	125 00	.....	125 00	.....
Furniture and fixtures.....	355 00	.....	201 78	153 22
Heating apparatus.....	200 00	.....	200 00	.....
Accredited schools.....	135 00	.....	90 13	44 87
University bulletins.....	100 00	.....	.....	100 00
Ladies' Reception room.....	32 25	.....	32 25	.....
Music room.....	27 45	.....	19 00	17 45
Art department.....	49 70	.....	32 73	16 97
Music and piano.....	63 00	.....	15 00	48 00
Band instruments, etc.....	60 00	.....	52 10	7 90
Agricultural schools.....	250 00	.....	79 07	170 93
World's Fair exhibit.....	744 29	152 47	910 52	.....
Illini.....	337 50	.....	16 17	321 33
Gymnasium.....	156 00	.....	195 67	50 33
Young ladies' gymnasium.....	50 00	.....	.....	50 00
Farm house.....	665 10	.....	456 70	208 40
Agricultural congress.....	21 10	.....	21 10	.....

## PAPER B—STATE APPROPRIATIONS.

February 28, 1894.	Received.	Expended.	Balance.	Assigned.
Cabinets.....	\$1,000 00	\$758 83	\$241 17	\$241 17
Taxes on Minnesota lands.....	1,381 79	1,381 79	.....	.....
Furnishing and heating Natural History Hall.....	6,000 00	4,784 69	1,215 31	1,215 31
Boiler and coal house.....	6,500 00	.....	6,500 00	6,500 00
Engineering building.....	80,000 00	39,545 85	40,454 15	40,454 15
Municipal engineering.....	50 00	7 00	43 00	43 00
Greek.....	100 00	53 24	46 66	46 66
Psychology.....	800 00	555 51	244 49	244 49
Chemistry.....	500 00	500 00	.....	.....
Botany.....	200 00	129 77	70 23	70 23
Library.....	5,000 00	1,226 54	3,773 46	3,773 46
Geology.....	400 00	400 00	.....	.....
Physiology.....	100 00	76 16	23 84	23 84
Architectural cabinet.....	175 00	109 90	65 10	65 10
World's Fair material.....	2,000 00	2,135 67	.....	.....
Physical culture.....	210 00	142 27	67 73	67 73
College of literature.....	200 00	91 95	108 05	108 05
Buildings and grounds.....	3,662 10	3,657 93	4 17	4 17
Outside closets.....	2,500 00	2,500 00	.....	.....
Faculty toilet room.....	409 18	409 18	.....	.....
Ladies' toilet room.....	150 00	150 00	.....	.....
Class rooms Natural History Hall.....	190 00	190 00	.....	.....
World's Fair overdraft.....	133 67	.....	.....	.....
Chemical laboratory store room.....	800 00	800 00	.....	.....
Chemical laboratory desks.....	550 00	550 00	.....	.....
Mechanical laboratory.....	100 00	.....	100 00	100 00
Shop practice classes.....	300 00	300 00	.....	.....
Salaries for instruction.....	27,479 46	27,479 46	.....	.....
Balance of \$60,000 appropriation.....	13,990 59	.....	13,990 59	.....
	<u>\$154,881 79</u>	<u>\$87,933 84</u>	<u>\$66,947 95</u>	<u>\$52,957 36</u>
Illinois State Laboratory of Natural History.....	\$8,563 26	\$4,502 84	\$4,060 42	\$430 82

## PAPER C—UNITED STATES FUND.

	Received.	Expended.	Balance.	Assigned.
<i>Year ending June 30, 1892.</i>				
Before reported on.....	\$14,750 00	\$14,750 00		
Library.....	2,000 00	2,000 00		
English literature.....	150 00	139 33	\$10 67	\$10 67
Metallurgical laboratory.....	100 00		100 00	100 00
Total.....	\$17,000 00	\$16,889 33	\$110 67	\$110 67
<i>Year ending June 30, 1893.</i>				
Before reported on.....	\$17,142 59	\$17,142 59		
Agricultural lectures.....	250 00	152 50	\$97 50	\$97 50
Veterinary department.....	86 91	32 10	54 81	54 81
Testing laboratory.....	40 00	40 00		
College of engineering.....	216 50	216 50		
Architectural department.....	264 00	264 00		
Total.....	\$18,000 00	\$17,847 69	\$152 31	\$152 31
<i>Year ending June 30, 1894.</i>				
Before reported on.....	\$4,569 90	\$4,569 90		
Physics and electricity.....	5,400 00	5,400 00		
Testing laboratory.....	1,700 00	430 92	\$1,269 08	\$1,269 08
Geology.....	300 00	69 92	230 08	230 08
Zoology.....	1,000 00	985 41	14 59	14 59
Chemistry.....	490 00	41 95	448 05	448 05
Civil engineering.....	950 00	917 88	32 12	32 12
Mechanical engineering.....	3,093 13	2,832 38	260 75	260 75
Municipal engineering.....	700 00	60	699 40	699 40
Architecture.....	500 00	322 87	177 13	177 13
Unassigned.....	296 97		296 97	
Total.....	\$19,000 00	\$15,571 83	\$3,428 17	\$3,131 20

Paper D, a list of vouchers presented for audit, being 1 to 575 inclusive.

Paper E, an estimate of receipts and expenses for the six months ending September 1, 1894.

Paper F, an estimate of receipts and expenses, current funds, for the three months ending June 1, 1894.

Paper G, several bills presented for the action of the board.

Paper H, the inventories of the several departments.

Paper I, several communications from the Urbana and Champaign Electric Street Railway Company.

The board is requested to appropriate the amount given under the head of expenses in Paper F, and for the overdraft on account of the World's Fair exhibit, Paper A, \$13.76, and World's Fair material, Paper B, \$133.76. The expenditures under these two appropriations were not under my control, being in the hands of committees. That for the exhibit return was much larger than was expected, because of the large amount of furniture, cases, etc., presented to the University by the Illinois Board of World's Fair Commissioners.

The board is also requested to make the following assignment of funds:

From the state appropriation of \$60,000 00—

Salaries for instruction.....	\$13,500 00
Shop practice expenses.....	300 00
Buildings and grounds.....	190 59

\$13,990 59



From the United States fund—

Electrical engineering.....\$ 407 64

This amount is made up from the unexpended balance for the year ending June 30, 1892, and the unassigned amount for the year ending June 30, 1894. The department is greatly in need of the money, and has unpaid bills now for the greater part of the amount.

I have not had time to compile the inventories so as to present a proper showing of them at this time, but will do so for the June meeting of the board.

Respectfully submitted,

S. W. SHATTUCK,

*Business Agent.*

Appropriations for the State Laboratory of Natural History for the six months ending June 30, 1894, were made as follows:

For field work, office and incidental expenses.....\$1,500 00  
For salaries and assistance..... 1,750 00

The business agent was authorized to pay the bill of the Urbana and Champaign Electric Railway company, on account of cutting the wires to let the farm house cross the railway track. He was also authorized to adjust and pay the bill for power furnished the electrical engineering department.

The regent and the executive committee of the board were appointed a committee on legislation.

The following communication was received from Professor Morrow:

UNIVERSITY OF ILLINOIS, March 13, 1894.

*To the Board of Trustees of the University of Illinois.*

GENTLEMEN: I hereby tender to you my resignation as professor of agriculture, member of the board of direction and agriculturist of the Agricultural Experiment Station of the University, to take effect at the close of the present university year, September 1, 1894.

Very respectfully,

G. E. MORROW.

The resignation was referred to the committee on instruction, to be reported on at the June meeting.

The president appointed Dr. Burrill and Messrs. Morrison and Raymond upon the special committee in regard to the agricultural college.

The committee on instruction was authorized to provide for the classes left without a teacher by the leave of absence given Professor Snyder, expense for this purpose being limited to \$1,000.00 for the year 1894-5.

The board adjourned.

W. L. PILLSBURY,

*Secretary.*

N. W. GRAHAM,

*President.*