JUNE 8, 1882.

The Board met at 8:30 o'clock A. M. Present-Messrs. Bennett, Cobb, Millard, Pearman and Scott.

Absent-Governor Cullom, Messrs. Bird, Mason, McLean and Paden.

The records of last meeting were read and approved.

The Treasurer read his report, which was received and placed on file:

ILLINOIS INDUSTRIAL UNIVERSITY,

To JOHN W. BUNN, Treasurer. .

1882.	Dr.		
Мау 31	To amount paid Board expense,	$\begin{array}{c} \$115 11\\ 7,563 98\\ 53 01\\ 222 58\\ 297 00\\ 112 58\\ 414 68\\ 112 58\\ 414 61\\ 792 02\\ 400 33\\ 340 74\\ 36 44\\ 7 95\\ 68 144\\ \hline \\ \$2,150 00\\ 45 06\\ 338 16\\ 847 40\\ \end{array}$	\$11, 426 37
	 amount paid on account been, and Arent Arentshops amount paid on account books and publications amount paid on account engineering instruments amount paid on account band music amount paid on account college government amount paid on account examination of schools amount paid on account tuition in Preparatory dept. Balance. 		3,574 22 695 99 929 41
	Dalance	•••••	\$16,625 99
1882.	Cr.		
	By balance. '' amount received on account fees '' amount rec'd on acc't tuition in Preparatory Dep't '' amount rec'd on acc't buildings and grounds	$\$1,545\ 00\ 326\ 25\ 40\ 50$	\$9, 223 43
April 1 May 31	 interest on Douglas county School bonds	$\begin{array}{c} \$ 03 & 62\\ 157 & 05\\ 3, 093 & 49\\ 324 & 82\\ 273 & 76\\ 476 & 35\\ 9 & 45\\ 70 & 00\\ 92 & 27\\ \hline \end{array}$	$\begin{array}{c} 1,911 \ 75 \\ 300 \ 00 \\ 600 \ 00 \end{array}$
			\$16,625 99

URBANA, June 6th, 1882.

JOHN W. BUNN, Treasurer.

The Regent's report was then read and received, and laid on the table until further consideration:

To the Trustees of the Illinois Industrial University:

GENTLEMEN:—Another collegiate year draws to a close. The eleventh class, numbering thirty-four persons, of whom four are young ladies, is ready for graduation. The Faculty recommend that degrees and certificates be conferred as follows:

Degree of Bachelor of Science, in the School of Mechanical Engineering-Andrew J. Eisenmayer, Charles N. Roberts, Abia J. Sharp, Frank Shlandeman, James Todd.

In the School of Civil Engineering-Robert E. Orr, George W. Richards.

In the School of Architecture—George W. Bullard, Arthur Peabody, Nelson S. Spencer. In the School of Chemistry—Samuel G. Bailey, Jr., William B. Carman, Howard B. Slauson.

In the School of Natural History-Florizel A. Taft.

Degree of Bachelor of Arts, in the School of Ancient Languages-Samuel A. Harrison.

Degree of Bachelor of Letters, in the School of English and Modern Languages—Dora A. Andrews, Kitty C. Avery, Benjamin F. Bullard, David Eichberg, John R. Neely, Charles W. Palmer, Frederic D. Rugg, Charles L. Smith.

Award of Certificates—Arthur M. Bridge, Charles C. Barnes, Edward E. Cole, Fronia R. Cole, William G. Curtiss, Jeptha H. Davis, Charles H. Merritt, Thomas Noble, Arvilla K. Raley, Herbert Turner, John G. Wadsworth, Jr.

The Governor of the State has issued commissions to be Captains in the State Militia to the following persons: Samuel G. Bailey, Jr., Arthur M. Bridge, William M. Carman, Edward E. Cole, David Eichberg, Andrew J. Eisenmayer, Robert E. Orr, Abia J. Sharp, Charles L. Smith, Herbert Turner, John G. Wadsworth, Jr.

The attendance, and the character and quantity of work done, does not vary materially from that of former terms.

The report of classes and attendance is herewith appended:

	No.	No. per	No. Pupils.					
Professor or Instructor.	classes	hours week.	Males	Fem	Total.	Remarks.		
Selim H. Peabody Thos. J. Burrill Samuel W. Shattuck Don Carlos Taft Joseph C. Pickard Jas. D. Crawford Henry A. Weber George E. Morrow Frederick W. Prentice. Peter Roos William T. Wood Ira O. Baker Melville A. Scovell Chas. E. Pickard Cecil H. Peabody Edwin A. Kimball Jerome Sondericker Nelson S. Spencer Chas. W. Bolfe Chas. W. Rolfe	$3 \\ 4 \\ 6 \\ 4 \\ 2 \\ 1 \\ 2 \\ 3 \\ 2 \\ 4 \\ 4 \\ 2 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$\begin{array}{c} 20\\ 15\\ 15\\ 25\\ 25\\ 15\\ 20\\ 20\\ 20\\ 20\\ 20\\ 4\\ 20\\ 20\\ 4\\ 20\\ 20\\ 19\\ 20\\ 10\\ 14\\ 10\\ 14\\ 10\end{array}$	$\begin{array}{c} & 15 \\ 50 \\ 107 \\ 36 \\ 500 \\ 22 \\ 24 \\ 44 \\ 44 \\ 16 \\ 59 \\ 24 \\ 52 \\ 24 \\ 52 \\ 36 \\ 10 \\ 18 \\ 18 \\ 18 \\ 18 \\ 28 \\ 31 \\ \end{array}$	$\begin{array}{c} 43\\10\\40\\1\\1\\15\\1\\\\\\\\27\\16\\6\\$	50 1500 46 900 233 399 442 160 855 244 688 244 688 1000 1000 1000 1000 1000 1000 1000 1000	And Grounds. Business Agent Recording Secretary Curator. Librarian Superintendent of Farm. Drill Master Assistant in Chemical Laboratory.		

The committee appointed at your last meeting to consider the needs of the University as to its corps of instructors will report through its Chairman, Mr. Millard.

Should any charges be made in the Department of Chemistry, I recommend the appointment of a Professor of Chemistry who should be a competent man of first class qualifications and extensive experience, and of a young man of good calibre and attainments as first assistant. The appointment of a Professor of Agricultural Chemistry might be deferred for the present, the instruction therein to be provided for by the Professor of Chemistry. Two second assistants will then be needed, with such help as may be found useful from senior students.

Mr. Charles E. Pickard has informed me that he does not desire a reappointment. His duties, while he has served as an instructor of English and modern languages, have been performed with notable fidelity, skill and success, and at his departure the University loses a very competent teacher. I respectfully suggest that the Board fill the vacancy thus formed by appointing an efficient woman who may find a suitable sphere as a teacher, and may fill the important relation toward the ladies attending the University, that has been vacant since the resignation of Mrs. Louisa A. Gregory.

In the Preparatory Department it will be possible to dispense with one instructor, if the Natural Philosophy be assigned to Prof. Cecil H. Peabody, who can carry it with the other work of his specialty.

Mr. Rolte has done good service in this department and I recommend his appointmen for another year at a salary of \$90 per month.

Provision should be made for another instructor if the class should be found larger than is now expected.

I nominate the following persons for reappointment in their several positions:

Cecil H. Peabody, Assistant Professor of Mechanical Engineering, Nelson S. Spencer, Foreman in the Architectural Shop, Jerome Sondericker, Instructor in Drawing, Howard Slauson, Assistant in Chemistry, Mrs. Abbie Wilkinson, Instructor in Vocal and Instrumental Music.

I take the liberty to remind the Board that Prof F. W. Prentice has been in their employ for the last ten years, continuously, that his chair is an important one, and that its duties have been always well discharged. Would it not be proper that his salary should be put on the same grade with that of full professors, at \$1,800 per annum?

I present a request from Mr. W. B. Braucher, student-leader of the band. He will be satisfied with a moderate compensation: the duty is one requiring more than ordinary tact and attention, has been well performed for two years, and I think he should be paid.

I transmit a report from Prof. I. O. Baker asking for a small assignment for engineering instruments, and another upon the reconstruction of the Astronomical Observatory. They have been made after full consultation and I concur in each.

I present estimates from Prof. Ricker for repairing the ceiling of the upper story of the west wing of the main building. I recommend that this repair be made, and that the room be assigned for use as a Museum for the College of Engineering.

Authority should be given to the Mechanical Department for carrying forward such improvements in heating and ventilation as may be found feasible within the limit of the State appropriation for that purpose.

A communication concerning certain changes in the Machine Shop was referred at your last meeting to the Committee on Buildings and Grounds, whose report is presented for your concurrence.

I concur in the requests made by Prof. Ricker for appropriations for the Carpenter's Shop.

I desire to call your attention to the University printing office. The machinery and material therein were bought by funds raised in part by subscription and obtained in the larger part from an appropriation of the Legislature. Without doubt all this is the property of the State, and is under your care. As you have directed that all other movable property of the University should be inventoried at regular periods, it seems proper that the same regulation should apply to this.

For some years this property has been managed by the students, although there appears on record no order or authority for such use. The matter of its management, and of the publication of the "Illini," has become a source of some difference of opinion, not to say of bitterness, among the students. The paper itself, as a representative of the University, should receive attention. I suggest—

First: That the present business manager of the "Illini" be instructed to turn over to University the property of the printing office, and that a full inventory of the same be made and put on record, as provided in the case of other University property.

Second: That the subject be referred to a committee to report at your next meeting what rules, if any, are needed for the future conduct of this enterprise.

I have information that the students' society, known as the Scientific Association, has disbanded. The Adelphic Society asks permission to exchange its room for that formerly used by the Scientific Association.

The report of Prof. Morrow is herewith transmitted.

Profs. Roos, Ricker, Crawford and Prentice ask leave of absence during the summer vacation.

June 6, 1882.

Respectfully submitted.

S. H. PEABODY.

ILLINOIS INDUSTRIAL UNIVERSITY, June 2, 1882.

To the Regent and Board of Trustees of the Illinois Industrial University:

GENTLEMEN: I would very earnestly recommend that the services of Mr. N. S. Spencer be obtained for the next year, if possible, as foreman of the Architectural Shops.

Mr. Spencer has exhibited excellent qualities during his previous occupancy of this position, having been very faithful to the interests of the University, and also very successful as a manager and a teacher.

It is proposed, if it meets with your approval, and he is employed for the coming year, that he superintend the ordinary work of the shop and teach the classes in shop practice, as in the past; also, that the remainder of his time, which would probably be considerable, be devoted to the construction of a series of models of architectural constructions which are very urgently required for the instruction of the classes in elements of construction and graphical statics. I believe that a fairly complete series could be completed by Mr. Spencer during the year, and which would be new and original, adapted to the usual methods of construction, and far superior in its practical value as an aid for teaching purposes, to the models made in Europe, besides being a great deal cheaper. It will probably be the best opportunity for obtaining such a collection of models that will ever occur.

Very respectfully submitted,

N. CLIFFORD RICKER.

To the Regent and Board of Trustees of the Illinois Industrial University:

GENTLEMEN: In behalf of the School of Architecture I beg to present the following recommendations for your consideration:

That the usual appropriation be made for the expenses of the classes in Architectural shop practice.

That \$50 be appropriated for repairs of machinery.

That \$25 be appropriated for whitewashing and painting the machinery room, like the carpenter's shop, to improve the light and appearance.

That \$10 be appropriated for some new tools which are necessary.

That \$20 be appropriated for materials for models of architectural constructions.

That a roll of tracing cloth be purchased for the use of the department. The cost will probably be about \$10.

Very respectfully submitted.

N. CLIFFORD RICKER.

The following resolution was passed:

Resolved, That the recommendations of the Faculty as appears by the Regent's report, respecting Degrees and Certificates and persons entitled to the same, be approved, and that the Regent be authorized to confer the same.

Dr. Pearman made the following report:

To the Trustees of the Illinois Industrial University:

Your Committee on Buildings and Grounds report that they have considered the improvements suggested by the Regent for the arrangement of the Machine Shop, and they recommend that they be made at a cost not to exceed \$100.

They suggest that the consideration of a plan for a new blacksmith shop be postponed till the next meeting.

They have ordered the erection of a plain fence along the west side of the arboretum, and have caused new posts to be placed at the west side of the campus, to correspond with those of the front fence. J. T. PEARMAN.

The Regent, from Committee on Commencement Exercises, reported that arrangements had been made and no expense incurred. The report was received.

The Regent, from Committee on Students' By-Laws, reported that the same had been revised and printed at an expense of \$40. The report was approved.

The Regent further reported that 5,000 copies had been printed of the Catalogue of 1882, at a cost of \$295. Approved.

The Committee on Rifle Range, also that on Painting, Shelters and Fence, were continued.

The Regent was authorized to employ a band leader for the next college year, at a compensation of \$15 per term.

Leave of absence for vacation was granted to Professors Crawford, Ricker and Roos.

Adjourned to 3 P. M.

AFTERNOON SESSION.

The Board met on time. Present as before.

The Regent's report was taken from the table for consideration. The following appointments were made for the ensuing academic year (of 10 months):

Professor Cecil H. Peabody, Assistant Professor in Mechanical Engineering, at \$90 per month.

Mr. Charles W. Rolfe, Instructor in Botany and Mathematics, at \$90 per month.

Mr. Jerome Sondericker, Instructor in R. L. Drawing, at \$60 per month.

Mr. Nelson S. Spencer, Foreman of Architectural Shop, at \$720 for twelve months, beginning July 1st, 1882,

Mr. Howard Slauson, Assistant in Chemical Laboratory, at \$40 per month.

Mrs. Abbie Wilkinson, Teacher of Vocal and Instrumental Music, (fees for salary).

The salary of Dr. F. W. Prentice was advanced to \$1,800 per annum.

Prof. Baker's request for engineering instruments and repairs, amounting to \$60, was granted.

It was moved by Mr. Scott that the plans and specifications for an Astronomical Observatory, laid before the Board by Prof. Baker, be approved; that the building be erected at a cost not to exceed \$450, and that its location be referred to the Committee on Buildings and Grounds, the Regent, and Prof. Baker. Carried.

It was moved and carried that \$450 be devoted to repairing the ceiling of the upper story in west wing, said work to be done under the direction of the Committee on Buildings and Grounds, and that upon completion, the room be assigned as a Museum to the College of Engineering.

The Mechanical Department was directed to complete and repair the apparatus for heating and ventilation, the necessary expense to be taken from the State appropriation for the purpose.

Prof. Ricker's request for the sum of \$115 for tools, materials and repairs in the Architectural Shops, was granted.

On motion of Mr. Bennett, the Regent was directed to take possession of all property belonging to the University in the Illini Printing Office, and to report to the Board at its next meeting such provisions and restrictions in regard to the future use of such property as he may deem proper.

It was moved and carried that the request of the Adelphic Society be granted by the Regent, upon satisfactory proof that the Scientific Association has disbanded and surrendered their hall.

Prof. Morrow's report was received and placed on file:

UNIVERSITY, JUNE 3, 1882.

Dr. S. H. Peabody, Regent:

I respectfully submit the following notes concerning work on the farms during the last three months:

With the exception of the results of the long continued cold and wet weather, which has greatly retarded the worn of corn planting, and made it necessary to replant some of the earliest planted, I am glad to be able to report a favorable condition.

We have planted about 110 acres to corn-about 20 acres designed for this crop being still unplanted. Of oats we have 35 acres, promising a good yield. On account of the unusual prevalence of chinch bugs, no wheat was sown, except experimental plats. These are looking well. Of rye we have some 65 acres, all seeded to grass and clover. The most of this was pastured last tall and this spring, proving of great service. There is now a promise of a fair yield on most, and a remarkably large yield on part of this acreage.

The meadows are promising, and the pastures, although possibly too fully stocked at present, are giving good feed.

With the exception of a colt seriously diseased, the live stock is nearly all in good condition.

In making sales, attention has been given to improving the character of the flocks by disposing of the less desirable animals. Some exchanges have been made with the same end in view.

It was found advisable to purchase a pair of mares for the farm. One of these, a finely bred Mambrino mare, has produced a promising colt.

The Short-norn herd is doing well. The young stock in general is better in quality than he older. A finely bred Rose of Sharon Short-horn bull calf has just been purchased at the sale of Pickrell, Thomas and Smith, for \$270. He is regarded as a promising animal. A two-year-old Rose of Sharon Short-horn heifer was purchased at the sale of Mr. Gard-ner yesterday. Being rather thin in flesh it was obtained for \$135. The herd now con-tains representatives of the following families, some of them ranking high: Rose of Sharon, Pearlette. Duchess of York, Young Mary Galatia. Innthe, "ed Rose, Arabella, Pansy and Zelia. The Jersey herd is still small, but is in good condition.

The steers being fed in testing different breeds, are doing well-making an average gain of nearly 100 pounds during May.

We are testing a large number of varieties of corn, sorghum and a few of oats, grass etc., and are trying experiments in modes of planting, fertilizing, etc. It is purposed to use corn and sorghum in the silo

The cash receipts for the past six months have been \$4,390; those of the corresponding time last year were \$1.779. It is not expected a like increase will appear for the last half of the year, but the indications now are that the year's work will give a satisfactory profit, with favorable weather. The leading items of sales have been cattle, \$331; hogs, \$897; butwith favorable weather. 'The leading items of sales have been cattle, \$531; nogs. \$597; Dut-ter and milk, \$350; hay, \$716; seed-corn, \$769; feeding corn, \$349; colt, \$200; timothy seed.

The sale of corn for seed has become an important branch of the farm sales, and one I consider especially appropriate. This line of work may be, as it seems to me, advisably extended.

I have thought it better to continue direct supervision of the work. Student T. F. Hunt, who assisted last year, has been of much help and will give his entire time during the summer vacation. The workmen, as a class, have done well.

We have laid about one and a half miles of hedge, which has been neglected for some years, and which we could not complete last year. Considerable repairing of board fences and some tile drainage has been done.

Respectfully submitted.

G. E. MORROW.

President Cobb reported verbally, as required by resolution of the Board, passed December 18, 1881, in regard to the course of Professors Weber and Scovell in obtaining patents. He said that he had received a communication from the Attorney-General to Governor Cullom, which he communicated and placed on file, and that the Attorney-General had given no further opinion upon the subject under consideration.

The report was accepted.

The following report from a special committee on the work of Departments, was made:

To the Honorable, the President and Board of Trustees of the Illinois Industrial Universitu:

Your committee to whom was referred the recommendations of the Regent, in regard to the departments of the University, at the March meeting, 1882, beg leave to report that they have met and made such investigations into the several departments of the University as they could within the limited time they have had to devote to it.

That they find the several departments have in the main fulfilled the expectations of the Board and are performing practical and useful work.

Your committee further report that Professor Henry A. Weber and Melville A. Scovell in charge of the Department of Chemistry, have, as the Board is aware, assumed and claimed private rights in the results of their investigations and experiments in the manu-facture of sugar, syrups and glucose from sorghum, which have for the last two years been conducted by them under the patronage of the University, and at the expense of the state. State.

Your committee report that in their opinion such claims are inconsistent with the duty of said Professors to the University and its rights. Therefore your committee recom-mend that the further services of Professors Weber and Scovell be dispensed with,

Your committee further report that Prof. D. C. Taft, of the Department of Geology and Zoology, has requested an indefinite leave of absence for the purpose of travel in Europe. They therefore recommend such leave of absence be granted, and for the purpose of relieving the Board from embarrassment in his department, recommend the chair of Geology and Zoology be declared vacant until further action of the Board.

on of the board S. M. MILLARD. CHAS. BENNETT, EMORY COBB. Committee.

The following resolution was offered by Mr. Millard, seconded by Mr. Bennett:

Resolved. That the report of the Committee on Departments of the University be accepted and approved, and that the services of Professors Henry A. Weber and Melville A. Scovell, as professors in the University, be discontinued from the end of the present college year, ending September 1st, 1882.

The ayes and noes being called, the vote resulted as follows: Ayes, Messrs. Bennett, Cobb, Pearman, and Millard, 4. No, Mr. Scott, 1.

Carried.

It was moved by Mr. Millard, and seconded by Mr. Pearman,

Resolved, That the request of Prof. D. C. Taft for leave of absence for the ensuing year, be granted, and that the chair of Zoology and Geology be declared vacant until further order of the Board.

Carried.

The Regent was directed to report to this Board at its next meeting, or as soon as practicable, the names of two suitable persons, one as Professor of Geology and Zoology, and the other as Professor of Chemistry.

Adjourned to 10 P. M.

EVENING SESSION.

The Board met on time; present as before.

The report of the Business Agent was received and referred to the Auditing Committee:

June 6, 1882.	Appropri- ated.	Receipts also approp'd.	Expended	Balance.
Board expense. Salaries. Fuel and lights. Stationery and printing. Buildings and grounds. Fixtures and furniture. Library and apparatus. Incidental expense Military Department. Mechanical '' Architectural '' Architectural '' Architectural '' Chemical '' Sundries—Physical laboratory. Students' government. Examination of schools. Band books. Photo. apparatus for Arch. Dep't. Cabinets. Preparatory year. Students' fees.	$\begin{array}{c} 15,695\ 00\\ 1,000\ 00\\ 950\ 00\\ 81\ 05\\ 50\ 00\\ 200\ 00\\ 125\ 00\\ 202\ 00\\ 301\ 75\\ 2,894\ 68\\ 215\ 37\\ 13\\ 5\ 95\\ 55\ 50\ 00\\ \ldots\end{array}$	93 62 157 05 3,093 49 2324 82 273 76 	$\begin{array}{c} 414 \ 64 \\ 1,792 \ 02 \\ 400 \ 33 \\ 340 \ 74 \\ 4 \ 43 \\ 9 \ 25 \\ 12 \ 90 \\ 4 \ 41 \\ 50 \ 00 \\ \hline 695 \ 99 \end{array}$	$\begin{array}{c} 131\ 86\\ 88\ 56\\ 183\ 64\\ 34\ 16\\ 139\ 86\\ 31\ 32\\ 31\ 21\\ 2\ 40\\ 24\ 23\\ 1\ 54\\ \end{array}$

Current Appropriations.

State Appropriations.

From July 1, 1881.	Appropr'd	Received.	Expended	Balance .
Taxes on lands, ½ per annum. Buildings and grounds. ½ per annum. Chem. Phys. and Bot. laboratories, ½ per an. Mechanical and Architectural shops, ½ per an. Books and publications, ½ per annum. Current expenses, ½ per annum. Library cases. Cabinet. Engineering instruments Furniture. Boiler House. Heating and ventilation. Farm Cottage and Dairy.	$\begin{array}{c} 5,00000\\ 1,60000\\ 3,00000\\ 3,00000\\ 11,40000\\ 80000\\ 1,00000\\ 1,00000\\ 1,00000\\ 5,00000\\ 5,00000\\ 2,50000\end{array}$		$\begin{array}{c} 2,97502\\ 66419\\ 1,35569\\ 1,14252\\ 5,70000\\ 60225\\ 47724\\ 69693\\ 1,00000\\ 4,93682\\ 2,26513\end{array}$	144 31 357 48 197 48 522 76 303 07 63 18

A communication from Judge J. O. Cunningham concerning the Lansden case, with bill for services of \$50, was received. On motion of Dr. Pearman, the bill was approved, and the Business Agent ordered to pay the amount.

The following report was received:

To the Hon. Board of Trustees:

Your Auditing Committee report that they have examined vouchers No. 414 to 602 inclusive, and find them all correct and properly receipted,

Respectfully submitted.

CHAS. BENNETT, Chairman Auditing Committee.

The report was accepted and approved. Adjourned.

E. SNYDER, Secretary. Емоку Совв, President.