

BOARD MEETING—MARCH 11, 1884.

The Board met at the University parlor at 3 P. M.

Present—Trustees Earle, McLean, Follansbee, Millard and Pearman.

Absent—Governor Hamilton, Trustees Landrigan, Bennett, Cobb and Paden.

Letters regretting their inability to be present at this meeting were received from Messrs. Bennett and Paden.

The records of last meeting were read and approved.

The following officers of the Board were unanimously reelected:

President of the Board, Mr. S. M. Millard.

Recording Secretary, Professor E. Snyder.

Corresponding Secretary, Professor T. J. Burrill.

The Regent presented his quarterly report, which was read and received:

To the Trustees of the Illinois Industrial University:

GENTLEMEN—A partly formed custom may expect at this, the annual meeting of your Board, an analysis of the work done in the University in its various departments, viewed from an educational standpoint; a review of the workmen and of their labors. In the earlier and formative days, when changes were constant and everything was new, such a review had a very appropriate place. At present it seems enough to note that in most of the chairs of the University the incumbents are men of long residence, of known and acknowledged ability, of unremitting industry and of unwavering fidelity. To name a part would be invidious, to name all superfluous. I may be permitted, therefore, to pass without specific mention most of the departments as well established and bearing good results already known to you, while I may, without impropriety, speak briefly of some in which changes have occurred recently.

The Chemical department has come upon a solid and substantial foundation, entirely satisfactory. The value of the work done here is especially commended by our graduates who go on in further study in schools of medicine or pharmacy, or into actual chemical practice. Important analyses have been made during the year by the professor and his assistants, particularly in a field now attracting much attention, the chemistry of the hog, and of hog-products, and the results have attracted much attention at home and abroad. Other fresh investigations will be reported by the students themselves, and embodied in their theses. The Chemical laboratory is a place for earnest work, where the careless and the indolent do not find an asylum.

Decided progress has been made in the department of zoölogy. The methods of laboratory instruction and study, which have borne good fruit in other departments, have been introduced here. The work of dissection of all the lower animal forms has been begun and carried to a commendable degree of efficiency, under the scalpel and the microscope. With vigorous effort on the part of the instructor, and cordial support from those in authority, this neglected phase of study may be brought to the high degree of efficiency found in the kindred department of biology, the Botanical laboratory.

In the Mechanical school the evidences are that we have been fortunate in securing a competent and useful instructor. Mr. Woods is doing good work in the obtrusive parts of the science of mechanical engineering, and especially excellent work with the students in constructive and mechanical drawing.

Under the authority given by you at the last meeting, an instructor in Elocution has been employed until the end of the present year. The experiment appears to be working satisfactorily, but must be continued into another term before it can be reported upon definitely.

The two ladies continue to do excellent work.

Mrs. Wilkinson tenders her resignation, to take effect at the end of the next term.

The lands in Gage Co., Nebraska, belonging to the University have been advertised for sale, agreeably to your order. A special report will be presented by the committee which has the matter in charge.

A special report of the business transactions of the several departments of the University during the year ending March 1, is presented, at the request of the Executive Committee.

The quarterly report of the Agricultural department is herewith presented.

Attention is invited to a communication from Prof. Burrill, asking authority to institute a series of experiments in silk-raising and in the examination of the evil in bee-hives, known as *foul brood*. Both these subjects seem eminently fit for investigation here, and I hope the limited means asked for prosecuting research will be granted.

Professor McMurtrie presents a list of chemicals and apparatus needed for the year 1884-5. The appropriation and leave to purchase is asked for thus early in the season, in order that opportunity may be given for procuring the articles by importation. The quality of the goods will probably be improved, and the price will be very materially lessened in this way, as all imports can be made free of duty. The plan is in the interest of economy and should be adopted.

The American Educational Association holds its annual session in July next, at Madison, Wisconsin. An extensive exhibit will be made then of all educational methods and appliances, especial attention being given to the products of schools of technology and manual training. The Faculty has considered the question whether this University should be represented there, and respectfully suggests that the College of Engineering be authorized to make an exhibit of its drawing, designing and shopwork, and that an appropriation be made for the expenses of such an exhibit.

Provision should be made at this meeting for issuing the Annual Catalogue. The book entitled "From the Lakes to the Gulf" has been issued. Some of the illustrations to the article on the University will be available for the catalogue. The photographs from which the pictures were made were taken by Mr. Stratton, of the Senior class, and his expense in making them should be paid.

The questions at issue concerning the Illini, which were before you at the last meeting, have been adjusted. The rules of the Faculty affirming general authority of control and supervision are accepted by the students, while the wishes of the students as to method of electing the managers of the paper have been gratified. The Business Manager of the Illini renews his request for aid from the Trustees to buy a new font of type, and I recommend that \$75 be appropriated for that purpose.

I have been obliged to employ a student as assistant in the Physical Laboratory, and I ask that an appropriation of \$7.50 per month for the winter and spring terms be made for this purpose.

Respectfully submitted,

S. H. PEABODY, *Regent*

The reports from Prof. T. J. Burrill, of the Horticultural Department, and from Professor G. E. Morrow, of the Agricultural Department, were received, and ordered on file.

A request from Professor Wm. McMurtrie, of the Chemical Department, for the purchase of chemicals and apparatus for the next academic year, not to exceed \$514.60, was granted.

The request of Executive Committee "that the Regent should make out a report of the work of the different departments of the University," was read, and the following report presented by the Regent:

To S. H. Peabody, Regent of the Illinois Industrial University:

DEAR SIR—The Board of Trustees have long felt the need of some more definite knowledge of the methods of operating the various departments of the University—the work accomplished as well as the cost of such work.

The Executive Committee therefore respectfully request that you call to your aid the heads of the several departments, and collate, in some convenient form, the work accomplished, the cost to the respective departments, the methods of work, giving results for such a period as will demonstrate the real work of each department, together with such suggestions as may be of use to the Board.

Such facts and suggestions the committee would be pleased to have before the March meeting of the Board, 1884.

Respectfully yours,

S. M. MILLARD,
CHAS. BENNETT,
J. T. PEARMAN.

Executive Committee.

To the Trustees of the Illinois Industrial University;

GENTLEMEN—In response to a request from the Executive Committee, I beg leave to present the following special report, concerning the affairs of such departments of the University as carry on extended business transactions collateral to their educational duties.

I ask permission to present a few prefatory suggestions:

1. It seems evident that none of these departments were at first established, or exist now, primarily for business purposes. Each is and should be an essential part of the educational mechanism of the University, and its business relations are merely secondary and incidental. The farms, the shops, the laboratories are organized for purposes of instruction or of scientific research. If the results in any of these departments can be made more valuable or practical by the introduction of commercial business, such introduction is proper, and if, farther, such work may make the department wholly or in part self-supporting, that result may be gratifying, but should never be demanded as a criterion of usefulness to the University. On the other hand, if the introduction of commercial business in any department should be found to impair the efficiency of that department as a means of instructive or scientific usefulness, that work should be laid aside even if it might add its moiety to the finances of the University.

If, then, it should appear that a department is a source of expense to the University, that fact should not be charged against the department as a demerit, provided the department is otherwise administered in a way to furnish valuable educational or scientific returns.

The farms should not furnish an exception to this general principle. But it happens that we have a quantity of land larger than is needed for ordinary purposes of experiment. The usual investigations of soils, seeds, manures, methods of culture, etc., may be efficiently conducted on a much smaller area of land. But the management of a large farm is in itself an experiment of great importance, and it affords an opportunity for a class of experiments in breeding, feeding, etc., which could not as well be conducted upon a smaller scale or area. In these experiments the question of profit becomes important. It is right to ask of operations of such breadth not only what do they teach? but also, does it pay? Yet even here the experiment will be accompanied with increased expense, and this expense will reduce the profits.

In this connection it seems proper to say that the Griggs Farm should not be counted as part of the agricultural domain of the University. It is an outlying body of land too far from the University Farm to be economically managed in connection therewith, even if the latter were not already quite large enough for its legitimate purposes. It is simply a piece of property which the University holds until such time as it may be profitably converted into some other form of capital, like the lands owned by the University in Nebraska or Minnesota. It should, firstly, pay its own expenses, without draft on the profits of the University Farms, and if beyond that it yields any income, that should be turned over at once to the University treasury. Neither its profits nor its expenses should figure in the balance sheet of the University Farm.

2. The Agricultural department is the only one which has hitherto regularly and formally reported a statement of its business transactions, other than the aggregates of income and outgo found in the tabular statements of the Business Agent. While the prosperity of a department is not to be determined simply by the fact that it is either making or losing money, this may yet be an important factor in making up a conclusion. At all events it would seem to be important that the Trustees should know what the facts are.

It will not be easy for any of the departments to make an exact statement, now, as it would be if accounts had been kept with such a report constantly in view, yet it is believed that no important discrepancies exist.

The report of the Agricultural department was made at the last meeting to December 1, 1883. As an inventory of property is taken only once each year, and that in December, it will not be easy to compare exactly the present condition with that of March 1, 1883. It is thought that the statements of the last report will be sufficient for the purposes of this inquiry, especially as the aggregate of farm products for the season cannot have changed materially since that date.

The lands in Urbana and Champaign belonging to the University may be classed thus:

Lands used for agricultural purposes:

The Experimental farm, acres.....	90	
The Stock farm, acres.....	410	
		500
Lands used for horticulture, etc.....		53
Lands used for public grounds.....		33
Roads, internal and external plats for yards, etc.....		34
		610
The Griggs farm		160
Total acres		770

The agricultural lands have been used thus:

In pasture	160
In meadow.....	160
Tillage:	
Corn.....	80
Oats.....	55
Rye.....	33
Wheat.....	8
Miscellaneous.....	4
	180
Total acres	500

Of this land 20 acres have been used specially for experimental purposes.

The products of tillage, estimated in part, were in 1883:

Corn, bushels.....	2,800	
Oats,	2,285	
Rye,	652	
Wheat,	160	
		5,897
Hay, tons		275

The land devoted to experiments was used in testing varieties of corn, wheat, millet; effects of rotation; continuous cultivation of same crops; use of fertilizers.

Experiments were conducted in feeding of stock; use of ensilage, etc.

The Dairy House has used the milk of cows averaging about 16.

There were sold, of butter, 2,648 pounds at 25 cents	\$662 00
Of milk, gallons	38 00
	\$700 00

The cows milked are mostly of blooded strains and are kept primarily for the rearing of calves. No account is made of the skim-milk, which with some additions of proper nutriment has been fed to the calves, with excellent success.

The labor special to the Dairy house has cost	\$380
Leaving balance of profit in this specialty	320
	\$700

Fences. There are on the two farms, approximately:

Hedge fence, miles	5.
Board, or board and wire, miles	1.50
Wire, miles	1.
Rail .....	.50
Total miles	8.

All rail fence has been reset and repaired within the year. One mile of wire, and board and wire fence has been built. All the hedge fence has been trimmed; about one-third has been trimmed twice. One-eighth of a mile has been plashed. The cost of labor on fences, estimated at \$60.

Balance Sheet of Agricultural Department December 1, 1883.

<i>Credit.</i>			
Inventory December 1, 1883:			
Live stock	\$10,301 00		
Farm products	2,065 00		
Teams	1,275 00		
Machinery and tools	1,500 00		
		\$15,541 00	
Sales:			
Live stock	\$4,787 00		
Butter and milk	700 00		
		5,487 00	
Grain, hay and straw		1,263 00	
Labor for other departments	\$272 55		
On experiments, etc	90 00		
		362 55	
			\$22,653 25
<i>Debit.</i>			
Inventory December 1, 1882:			
Live stock	\$8,351 00		
Farm products	4,068 00		
Teams	1,400 00		
Machines and tools	1,846 25		
		\$15,665 25	
Paid for superintendence	\$150 00		
For labor	3,187 30		
		3,337 30	
Stock purchased		1,417 64	
Machines, tools and repairs	\$331 42		
Ordinary repairs	268 40		
Special food and medicine for stock	84 65		
Seeds, freight, advertising, etc	86 17		
		770 64	
			21,190 83
Profits from year's work			\$1,462 32
Paid for permanent improvements		\$594 05	
Cash balance to treasury		868 27	
			\$1,462 32

The horticultural lands include the orchard, the forest plantation, and grounds used for culture of grapes and small fruits, and for nursery and garden.

All these lands are used, in a very direct sense, for experimental purposes. The orchard and the tree plantation were among the earliest enterprises undertaken by this department, and they necessarily require a very considerable number of years for the cycle of their investigations. It is expected that Professor Burrill will prepare a detailed account of each of them, and will present them to you in season to form part of the next biennial report.

The plant house is an important adjunct to botanical and horticultural instruction. It should be, and it is, at once a place for instruction in methods of management, a propagating house, and a museum of living plants. When compared with the plant houses of similar institutions, its capacity is found to be very limited, and its ratio of cost to results is thereby much increased. The effort has been to raise plants for sale, with a view to make it nearly self-sustaining, but this effort has been only in part successful. This is difficult, because of the limited room in the greenhouse, and the limited market. The dimensions of the greenhouse give about 3,200 square feet, with space for plants about 2,400 square feet.

The lands in this department are used thus:

In orchard.....	30 acres
Forest plantation.....	15 "
Small fruits and grapes.....	6 "
Garden and nursery.....	2 "
	<hr/>
	53 acres

The public grounds. The care of these has been an adjunct of the Horticultural department, under the supervision of Prof. Burrill. They are:

1. *The old campus and drill ground.* This tract, containing about eleven acres, has lost the importance it had when it was graced by the old dormitory building. It is useful in the months of spring and autumn as a drill ground for the battalion. Its expense is only the maintenance of the fence, and the occasional cutting of the grass during term time. In the long vacation it gives a crop of hay.

2. *The arboretum,* containing about seven acres. This piece of ground is planted with forest trees in great variety. The fence on the north end has lately been moved to include the lots lying between it and the horse railway. The expense of this tract is little more than the care of fences and work; the grass pays for its cutting.

3. *The college park,* which contains about fifteen acres, mostly devoted to public uses. Considerable effort is expended on this piece of ground to make it ornamental and attractive, by keeping its fences, hedges, lawns, walks, drives, shrubbery and trees neat and beautiful, and making it a good example of landscape gardening. Besides the constant care of grass and flower plantings, some expense has been made on this ground in relaying the drains from the main building, laying water-pipe, grading, etc. In the estimates of expense, credit is given to the greenhouse for a quantity of plants furnished; they have cost the greenhouse something, but no return has ever been made to that department in the keeping of accounts.

A considerable part of the work on these grounds has been done by Janitor Baker, and part of his wages might be charged against this account.

Balance Sheet of Horticultural Department, March 1, 1883, to March 1, 1884.

<i>Credits.</i>				
Sales:				
Orchard.....	\$12 13			
Small fruits.....	158 63			
Nursery.....	14 65		\$185 41	
Sales:				
Greenhouse.....	\$371 72			
Plants for public grounds.....	300 00		671 72	
<i>Debits.</i>				\$857 13
Labor, orchard and forest.....	\$35 00			
Small fruits and nursery.....	73 28			
			\$108 28	
Greenhouse:				
Labor.....	\$632 52			
Fuel.....	155 00			
Pots, plants, &c.....	51 26			
Repairs.....	120 80		959 58	
				1,067 86
Balance, loss.....				\$210 73

Expense Account of Public Grounds.

	Expense.	Proceeds.	Balance.
Old Campus.....	\$10 00	\$10 00	
Arboretum.....	10 00		\$10 00
University Campus:			
Labor.....	482 37		
Material.....	133 68		
Plants from Greenhouse.....	300 00		
			916 05

Of this sum about \$200 may be credited to permanent improvement.

The Griggs Farm has been leased during the last year to F. G. Jaques. Up to December 1, 1883 the rate of rental was \$3 per acre. Since that date the rate has been advanced. This farm has been in bad condition, fences needing repair and a considerable area requiring drainage. The determination to perfect the drainage was made last summer by the Farm Committee, and the work has been done since as fast as opportunity has offered. There has been expended on the farm within the year:

For fencing.....	\$5 35
For tile and ditching.....	668 45
	<u>\$673 80</u>

The receipts have been.....	\$480 00
Leaving to be paid from the rental of the current year.....	193 80
	<u>\$673 80</u>

THE CHEMICAL DEPARTMENT.

The business transactions of this department consist in the sale of chemicals, apparatus, gas, etc., to students. These materials are purchased in bulk, and are furnished to the students at as low prices as are possible without loss to the department. A custom had grown in this department of furnishing to assistants their chemicals and other material free of charge, and a very considerable loss has thus fallen upon the laboratory. This matter being brought to my notice, I ruled that assistants should pay for the material used by them in the prosecution of their own studies, at the same rates charged to other students. If the wages paid to assistants are inadequate they should be raised, but by definite payments rather than by indefinite perquisites. The professor in charge has also revised the system of keeping accounts, with decided advantage to the finances of the laboratory.

Balance Sheet.

<i>Credits.</i>		
From State appropriations.....	\$649 42	
Students, for materials.....	697 33	
Other sources.....	4 22	
		<u>\$1,350 97</u>
<i>Debits.</i>		
For apparatus and chemicals.....	\$896 18	
gas.....	233 00	
repairs and plumbing.....	83 41	
freights, etc.....	30 00	
printing.....	11 00	
		<u>\$1,253 59</u>
Balance to credit of department.....		<u>\$97 38</u>

Credits might properly be added for material:

To other departments.....	\$19 85
To assistants.....	174 00
	<u>\$193 85</u>

THE MACHINE AND CARPENTER'S SHOPS.

Three purposes are served by these shops:

1. They furnish the means of instruction in practical art to students who take kindred courses of study.
2. They assist in paying expenses by profits on commercial work.
3. Incidentally to the latter they furnish to some students the means of earning some money by which to help them through the University. While this item has its usefulness it should not be expected to yield much profit to the treasury, nor should it be allowed to become a drain upon resources.

To understand what the shops are doing, we must first ask what they would cost if they earned nothing, that is, if used only for instructional work. Evidently there would be outlay at first for building, engine, machinery, tools, etc., and an annual cost for tools, power, material and instruction. If operated only as a means of teaching, the shops would be a constant cost to the treasury diminished by whatever the legislature might appropriate for the purpose.

If other work be done in the shops, then any amount which shows a diminished aggregate of expense as compared with the aggregate which would appear if no work of this kind were done, may be set down to the credit of the shops.

The call for commercial work has greatly diminished since the shops were opened. The machine shop especially gets now very little, chiefly because other shops have been opened nearer the business centers of Champaign and Urbana.

It has been the practice to do the work of the University within its own shops, care being taken to keep the cost as low as it would be if the work were done outside. The work has been done chiefly by our students. Should classes continue to increase it will be necessary to devise some way of providing work for the advanced students by which they may be interested as well as taught.

While the machine shop has less commercial work than the carpenter's shop, it teaches more than twice as many students. The table appended indicates that without commercial work the two shops would have cost the University in the year as estimated \$2,360, of which \$1,500 would be paid by State appropriation, leaving \$860 a charge against the general fund. It also shows that the actual cost to the University was reduced to \$1,357.87; in other words that the business of the shops had benefited the general fund by \$1,002.13. Including the State appropriations the shops show a credit balance of \$142.13 at the same time that they have given instruction to 72 different students, with an average of about 50.

*Balance Sheet of Machine and Carpenter Shop, for the year ending
March 1, 1884.*

	CARPENTER'S SHOP.		MACHINE SHOP.	
WITHOUT COMMERCIAL WORK.				
For materials and tools.....	\$130 00	.....	\$130 00	
Power	50 00	.....	100 00	
Teacher	750 00	.....	1,200 00	
		\$930 00		\$1,430 00
Less State appropriations		500 00		1,000 00
Balances paid from general fund		\$430 00		\$430 00
Total balance against general fund.....				\$860 00
WITH COMMERCIAL WORK.				
Debits.				
For materials and tools.....	\$655 32	.....	\$264 53	
Labor	727 76	.....	398 48	
Power	121 81	.....	121 81	
Teacher and foreman	750 00	.....	1,200 00	
		\$2,254 89		\$1,984 82
Credits.				
Work for University	\$1,349 91	.....	\$855 01	
Work for other parties	548 64	.....	128 28	
State appropriation	500 00	.....	1,000 00	
		2,398 55		1,983 29
Balance in favor of general fund		\$143 66		
Balance against general fund				\$1 53
Total balance in favor of general fund		\$142 13		
Add estimated loss without commercial work.....		860 00		
Total balance in favor of shops in consequence of commercial work.....		\$1,002 13		
No. of students taught during the year.....		22		50
Inventory of stock on hand		\$1,104 44		\$614 02

General Balance Sheet.

Department.	Loss.	Profit.
Agricultural Department		\$1,462 32
Horticultural Department	\$210 73	97 38
Chemical Laboratory		142 13
Machine and Carpenter Shop		
Total profits		\$1,701 83
Deduct loss		210 73
Net profit		\$1,491 10

Trusting that this report will in some measure meet the requirements of the Executive Committee, it is very respectfully submitted.

S. H. PEABODY, *Regent.*

Inventory of Apparatus, Library, Machinery, and other movable property belonging to the Industrial University, March 1, 1884.

Department.	Value of enumerated articles.	Estimated value of other articles.	Value of articles loaned by U. S. Gov't	Total values.
Agriculture	\$2,170 80	\$13,641 00		
Horticulture and Botany				
Mechanical Engineering	9,685 79	614 62		
Architectural				
Civil Engineering	2,655 90		\$79 50	\$2,735 40
Physical Laboratory	8,105 22	100 00		8,205 22
Chemical Laboratory	4,616 46			
Blue Printing Laboratory				
Museum of Natural History				
Library	28,574 00			28,574 00
Art Gallery				
Art and Design				
Museum of Engineering and Architecture				
Military and Gymnasium	718 25	75 00	7,030 00	7,823 25
Furniture, etc.				
Heating Apparatus.				
Total inventory				
Belonging to U. S. Gov't				
Total in possession of the University ..				

On motion of Trustee Early, the report was received, and the Executive Committee were authorized to publish it in pamphlet form, for the general information of such as may need or desire it.

A communication from Mr. J. F. Going was referred to the Faculty.

The Board adjourned, to meet March 12, 1884, at 9 o'clock A. M.

SECOND DAY'S SESSION.

The Board met as by adjournment.

Present—Trustees Earle, Follansbee, McLean, Millard and Pearman.

The Business Agent presented the following report, which was read, received, and, together with accompanying vouchers, was referred to the Auditing Committee:

Current Appropriations.

September 4, 1883.	Appropriated.	Receipts also appropriated	Expended	Balance.
Board expense.....	\$423 75		\$411 38	\$12 37
Salaries	17,990 00	Current. 3,934 28	12,999 60	1,056 12
Buildings and grounds	50 00	State.... 263 94	301 15	12 79
Fuel and lights	1,500 00	114 70	2,158 25	
Stationery and printing	300 00		297 00	3 00
Mechanical Department.....		710 31	729 20	
Architectural Department.....	497 77	1,065 08	1,110 29	452 56
Agricultural Department.....	500 00	4,834 58	3,374 67	1,959 91
Horticultural Department.....		219 29	207 68	11 61
Chemical Department.....	18 41	520 01	433 43	99 99
Military Department.....	50 00		32 35	17 65
Library and apparatus	50 00		43 81	6 19
Incidental expense.....	200 00	21 25	209 27	11 98
Preparatory department.....		787 50	900 00	
SUNDRIES.				
Physical laboratory.....	41 96		4 26	37 70
Cabinets.....	8 85			8 85
Examination of schools.....	19 20			19 20
Civil engineering.....	17 51		15 07	2 44
Premium on bonds.....	300 00		300 00	
Chase lots.....	450 00		450 00	
Art Department.....	50 00		48 36	1 64
Hat room.....	30 63		30 63	
Gymnasium.....	150 00		68 25	81 75
Mechanical Museum.....	50 00		81 03	
Nebraska lands.....	54 20		62 35	
Music fees.....		68 60	68 60	
Elocution fees.....		120 00	120 00	
University fees.....		4,250 25		

State Appropriations.

July 1st, 1883.	Appropriated.	Received.	Expended	Balance.
Taxes on lands, $\frac{1}{2}$ per annum	\$5,000 00	\$2,469 06	\$2,469 06	
Buildings and grounds, $\frac{1}{2}$ per annum.....	6,000 00	3,000 00	2,971 14	\$28 86
Laboratories, $\frac{1}{2}$ per annum.....	3,000 00	1,500 00	1,238 80	261 20
Mech. and Arch. shops, $\frac{1}{2}$ per annum.....	3,000 00	1,500 00	815 72	684 28
Books and publications, $\frac{1}{2}$ per annum.....	3,000 00	1,500 00	720 32	779 68
Cabinets, $\frac{1}{2}$ per annum.....	2,000 00	1,000 00	155 97	844 03
Current expenses of inst., $\frac{1}{2}$ per annum.....	28,000 00	14,000 00	12,999 60	1,000 40
Blacksmith shop.....	2,500 00	2,500 00	2,288 14	211 86
Machines and tools	2,000 00	2,000 00	1,752 77	247 23
	\$54,500 00	\$29,469 06	\$25,411 52	\$4,057 54

Mr. John W. Bunn, Treasurer, made the following report, which was received and filed:

ILLINOIS INDUSTRIAL UNIVERSITY,

To John W. Bunn, Treasurer, Dr.

1883.	Dec. 11	To balance			\$12,080 03
1884.	Jan. 1	“ interest on Chicago city bonds	\$875 00		
		“	1,020 00		1,895 00
Feb. 29		“ am't received on acc't Mechanical Department	\$286 31		
		“	365 84		
		“	1,049 07		
		“	69 25		
		“	408 01		
		“	171 95		
		“	6 20		
		“	21 25		
		“	20 60		
		“	120 00		
		“	340 00		
		“	1,547 50		
		“	1,084 00		
				5,489 98	
					\$19,465 01

ILLINOIS INDUSTRIAL UNIVERSITY,

To John W. Bunn, Treasurer, Cr.

1884.	Feb. 29	By amount paid for Board expense	\$171 86		
		“	2,036 27		
		“	265 87		
		“	1,446 06		
		“	38 00		
		“	345 33		
		“	295 72		
		“	1,248 80		
		“	49 72		
		“	295 40		
		“	11 69		
		“	39 56		
		“	99 23		
		“	450 00		
				\$6,793 42	
		“	\$2 46		
		“	68 25		
		“	81 03		
		“	20 60		
		“	120 00		
		“	62 35		
				354 69	
		“	\$135 73		
		“	155 75		
		“	368 85		
		“	416 01		
		“	80 65		
		“	6,499 80		
		“	31 72		
		“	193 00		
				7,881 51	
				4,435 39	
		Balance			\$19,465 01

URBANA, March 11, 1884.

JOHN W. BUNN, Treasurer.

The Farm Committee, and the Committee on Buildings and Grounds asked further time for reports due at this meeting. On motion, further time was granted.

The Committee on Sale of Nebraska Lands made the following report; on motion it was received and approved:

To the Trustees of the Illinois Industrial University:

GENTLEMEN—Your committee, appointed to conduct the sale of lands in Gage county, Nebraska, belonging to the University, beg leave to report progress as follows:

Agreeably to your instructions they appraised the lands and advertised them for sale. The prices fixed for the lands with the terms and methods of sale were published in a printed circular of which a copy is herewith appended. The sale was widely advertised in leading papers in Gage county, and elsewhere in Nebraska, in Kansas, Missouri, Iowa and Illinois. A large amount of inquiry has been elicited, all of which has been duly answered.

In accordance with the terms advertised your committee has opened proposals and awarded sales as follows:

To Albert Hubka, of Crab Orchard, Nebraska: The NW. $\frac{1}{4}$ sec. 12, T. 3, R. 8, 160 acres, at \$15.05.

To James T. Applegate, of Macomb, Illinois: The NW. $\frac{1}{4}$ sec. 4, T. 2, R. 8, 146.60 acres; NE. $\frac{1}{4}$ sec. 30, T. 3, R. 8, 160 acres; SW. $\frac{1}{4}$ sec. 30, T. 3, R. 8, 153.65 acres, at \$15.30.

On all of these sales a deposit of 10 per cent. has been made and placed in the hands of the Treasurer, but the time is yet too brief for the contracts to be perfected.

Your committee is encouraged by these sales to believe that the plan of sale adopted is feasible, and will prove advantageous to the University. Since the lands were put upon the market the season has been particularly unfavorable for such buyers as wish to visit the lands and judge for themselves as to their location and value. Very many have expressed their intention to do so, and in the opening spring more offers may be expected.

Your committee has expended thus far:

For printing.....	\$31 50
For advertising.....	47 60
For postage and incidentals.....	5 00
	<hr/>
	\$84 10

Respectfully submitted,

S. H. PEABODY,
CHAS. BENNETT,

Committee.

URBANA, ILL., March 11, 1884.

UNIVERSITY LANDS FOR SALE.

The lands belonging to the Illinois Industrial University, situate in Gage county, Nebraska, amounting in all to 9,340 acres, more or less, are hereby offered for sale by regularly numbered quarter sections according to the subdivisions and surveys of the United States Land Office, in quantities to suit purchasers, on the terms and in the manner specified as follows:

Terms—One fourth of the price, cash; the remaining three-fourths deferred to such time as the purchaser may desire, not more than ten years, reckoned from the first day of January next preceding the day of sale; interest on deferred payments payable annually on the first day of January of each year, at eight per cent. per annum. The price of any quarter section to be not less than that set forth in the following list. The buyer must pay all taxes becoming due after the date of the purchase.

Minimum Prices—The prices of the following numbered lands to be not less than fifteen dollars (\$15.00) per acre:

In Township 3, Range 7, the south half of Sec. 35.

In Township 3, Range 8, west half Sec. 31.

In Township 5, Range 8, west half Sec. 35.

The prices of the following numbered lands to be not less than fourteen dollars (\$14.00) per acre:

In Township 2, Range 8, all of Sec. 5, west half of Sec. 6.

In Township 3, Range 8, SE. $\frac{1}{4}$ Sec. 12; south half of Sec. 15; SE. $\frac{1}{4}$ Sec. 30; south half Sec. 34.

The prices of the following numbered lands to be not less than twelve dollars and fifty cents (\$12.50) per acre:

In Township 2, Range 8, all of Sec. 3; east half of Sec. 6; north half of Sec. 10.

In Township 3, Range 8, SW. $\frac{1}{4}$ Sec. 12; all of Sec. 13; south half of Sec. 14; all of Sec. 24; all of Sec. 26; all of Sec. 27; east half of Sec. 35; north half of Sec. 34.

In Township 5, Range 8, east half of Sec. 35.

The prices of the following numbered lands to be not less than ten dollars (\$10) per acre:

In Township 2, Range 8, south half of Sec. 2, north half of Sec. 11.

The above described lands were entered on account of the Illinois Industrial University at the United States Land Office in Beatrice, Nebraska, in 1867, with so-called Agricultural College Land Scrip. The patents for the same are in the possession of the University, without incumbrance, and all taxes have been paid. The University will convey to each purchaser, on completion of all payments and accrued interest, the title thus acquired.

Method of Sale—Proposals for any of the above named lands may be deposited with the Regent of the University at his office in Urbana, Illinois, which proposals will state for each quarter-section separately, the number of the quarter-section desired; the price offered per acre, which must not be less than that found in the foregoing list; the time asked for deferred payments, not more than ten years; the rate of interest offered, not less than eight per cent. per annum. Each proposal must be accompanied with a certificate of deposit in some United States National Bank, endorsed to the order of John W. Bunn, Treasurer of the Illinois Industrial University, for a sum of money not less than ten per centum of the whole amount offered for the quarter section proposed for. The proposals will be opened at the University as they are received; if proposals for the same tract of land should be received at the same date from two or more parties, the tracts proposed for will be awarded severally to the parties whose offers, conforming to the conditions above specified, are deemed most advantageous to the University.

Should proposals, otherwise acceptable, but identical in price and terms, be made for the same quarter section by two or more parties, the award will be referred to the Executive Committee of the Trustees of the University for its determination. Should any bid be unsuccessful, the accompanying certificate of deposit will be immediately returned to the depositor thereof. Successful bidders will be notified immediately, by letter mailed to the address in their proposals, and deeds or contracts will be prepared without delay. Within thirty days of the date of the award, a payment of not less than fifteen per cent. of the whole amount of the price offered, must be made in addition to the ten per cent. already deposited, and the deeds or contracts must be perfected and taken by the purchaser, under penalty of forfeiture to the University of the ten per cent. deposited with the proposals for the land.

Proposals may be made at any date for all of the lands not at that date sold, but the price offered must not be less than twelve dollars and fifty cents (\$12.50) per acre for the whole body of lands then on sale, of which ten per cent. must accompany the proposal in the manner above described, and fifteen per cent. more be paid within thirty days; the balance of the price may be upon deferred payments bearing annual interest at eight per cent. per annum, the time of such payments being subject to negotiation. Such proposals will take precedence of any other offers made at the same time.

The University reserves the right to change the above prices or to withdraw any portion or all of its lands from sale at its option.

Forms of proposals and other information may be had of Burnham, Trevett & Mattis, at Beatrice, Nebraska, or of S. H. Peabody, Regent of the University, post-office, Champaign.

By order of the Board of Trustees.

CHARLES BENNETT,
SELIM H. PEABODY,
Committee.

URBANA, ILL., March 15, 1884.

On motion of Trustee Earle, it was

Resolved, That it is the sense of this Board of Trustees that the authority conferred upon the special committee appointed at the December meeting for the sale of Nebraska lands, was intended to be complete and to repose in that committee full powers of sale or lease in such a manner and at such times as they may choose, not exceeding the limits and terms granted in the authority heretofore conferred.

The following resolution was passed:

Resolved, That the Regent be requested to tender to Professor S. A. Forbes the position of Professor of Zoology and Entomology in this University, and, if possible, perfect negotiations with him to that effect.

The Auditing Committee submitted the following report:

ILLINOIS INDUSTRIAL UNIVERSITY,
CHAMPAIGN, March 12, 1884.

To the President and Members of the Board of Trustees I. I. U.:

The undersigned, your Auditing Committee, would respectfully report:

That we have examined the vouchers and accounts numbered 201 to 400, inclusive, and find the same correct, and ask that the report of same, as made out by Business Agent, be made part of this report, and that the vouchers be filed.

Respectfully submitted,

ALEX. McLEAN,
G. A. FOLLANSBEE,
Committee.

The report was received and approved.

The resignation of Mrs. Abbie Wilkinson as teacher of music was received and laid over until next meeting of the Board.

On motion of Trustee McLean, the amount of money expended in sale of Nebraska lands, as presented in the report of committee, was audited and allowed.

On motion of Trustee Earle, an amount not to exceed \$110 was appropriated for experiment in bee culture and silk-worm raising, as recommended by Prof. Burrill.

An amount of \$100 was appropriated for the exhibition of students' work at the Exposition of the Work of Technical Institutions, at Madison, Wisconsin.

The question of exhibiting at the Exposition at New Orleans was referred to a committee consisting of Trustee Earle, the Regent and Executive Committee.

A communication from Mr. J. R. Scott was referred to a committee of three (the Regent, Trustees Pearman and McLean) for investigation and report at the next meeting.

The following appropriations were made:

\$300 for printing Catalogue 1883-84.

\$75 for font of type for Illini office.

\$45 for salary of assistants in Physical Laboratory.

\$7.50 for photographic work for Catalogue.

\$180 for instruction in elocution.

Authority was given to the Regent and Faculty to issue the University Catalogue for 1883-84.

The house rent of the gardener, Mr. Klingenspor, was remitted for the balance of the year.

The President nominated the Standing Committees, as follows:

Executive: Millard, Pearman, Bennett.

Farm: Pearman, Earle, Bennett.

Buildings and Grounds: McLean, Follansbee, Postel.

Auditing: Paden, Postel, Bennett.

Finance: Bennett, Follansbee, Paden.

The following appropriations from current funds for the next six months were made:

August 31, 1884.	Appropriated.
Board expense	\$300 00
Salaries	16,590 00
Buildings and grounds	100 00
Fuel and lights	1,000 00
Stationery and printing	800 00
Architectural Dept. bal	452 56
Agricultural Dept. bal	1,959 91
Horticultural Dept. bal	11 61
Chemical Dept. bal	99 99
Library and apparatus	50 00
Military Dept.	50 00
Incidental expense	200 00
	<hr/>
	\$21,614 07
<i>Sundries—</i>	
Physical Laboratory bal.	\$37 70
Cabinets, bal	8 85
Examinations of Schools	19 20
Gymnasium Schools	81 75
	<hr/>
	\$21,761 57

Adjourned.

E. SNYDER,
Recording Secretary.

S. M. MILLARD,
President.