Meeting of December 13, 1910.

The quarterly meeting of the Board of Trustees of the University of Illinois was called by order of the president, Mr. W. L. Abbott, at 9 a. m., Tuesday, December 13, 1910, in the Trustees' Room, Natural History Building, Urbana.

When the board convened pursuant to the call the following members were present: President Abbott, Mrs. Bahrenburg, Mrs. Busey,

Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Moore.

Mr. Otis W. Hoit, who had been appointed to fill the unexpired term of Dr. Charles Davison, resigned, took the oath of office before the opening of the session.

President James was present.

APPOINTMENTS NOT PREVIOUSLY REPORTED.

The secretary presented the following report of appointments made to fill positions provided for in the budget of June 29, 1910, and not filled at that time, or to fill vacancies caused by declination and resignation:

Aleshire, M. C., assistant in the Military Department, for the present academic year.

Bennett, Dean, attendant in the Mechanical Engineering Department, at the rate of thirty dollars (\$30.00) a month, effective Oct. 24, 1910, in the place of Harold Wascher, resigned.

Blatherwick, N. R., graduate assistant in Chemistry, for the year beginning Sept. 1, 1910, at a salary of three hundred dollars (\$300.00) per annum, vice Potler.

Brandt, Louis, instructor in Landscape Gardening, for twelve months, from Oct. 1, 1910, at a salary of one thousand dollars (\$1,000.00) for the twelve months, in place of H. F. Major, resigned.

Brown, Ina M., loan assistant in the University Library, at a salary of fifty dollars (\$50.00) per month, beginning Sept. 15, 1910, and ending Aug. 31, 1911.

Burton, L. V., student assistant in Chemistry, at a total salary of one hundred dollars (\$100.00) per year, for the academic year 1910-1911, in place of N. R. Blatherwick, who has been made graduate assistant.

Carson, Helen D., order assistant in the Library, for the term of nine months, at a salary of sixty dollars (\$60.00) per month, beginning Nov. 1, 1910, without vacation.

Clark, Mary Helen, catalog reviser in the Library School, for the term of three months, at a salary of sixty dollars (\$60.00) per month, work and salary to begin as soon as she reports for duty.

Cooper, John Alexander, member of the Board of Examiners of Accountants, for the term of three years, from June 30, 1910, to July 1, 1913.

Dent, John A., instructor in Mechanical Engineering, at a salary of one hundred twenty-five dollars (\$125.00) a month, from Dec. 1, 1910 to July 1, 1911, in place of H. B. Dirks resigned.

Ferguson, I. G., assistant in General Engineering Drawing, at a salary of seventy dollars (\$70.00) per month, beginning Oct. 3, 1910, and ending June 30, 1911, in place of G. E. Martin, resigned.

Harrison, E. Bernice, stenographer in the School of Education, until further notice, at a salary of fifty-five dollars (\$55.00) per month, from Sept. 1, 1910.

Hecht, Josef, lecturer and research assistant in the Department of Chemistry, at a salary of eighty dollars (\$80.00) per month, until further notice, work and salary to begin when he reports for duty at the University, the appointment not to run beyond June 30, 1911.

Helmle, H. R., assistant in the Military Department, for the present acade

mic year.

Henry, Elizabeth, catalog reviser in the Library, at a salary of sixty dollars (\$60.00) per month, salary and work to begin Oct. 21, 1910, and to extend until Dec. 25, 1910.

Howard, Frederick A., custodian of the Law Library, for the current semester, at a salary of fifteen dollars (\$15.00) per month, beginning Oct. 1, 1910.

Huber, Harold E., custodian of the Law Library, for the current semester, at a salary of fifteen dollars (\$15.00) per month, beginning Oct. 1, 1910.

Jones, Lloyd T., part time assistant in Physics, at a salary of five hundred dollars (\$500.00), for the ten months beginning Sept. 1, 1910, in place of J. W. Hornbeak.

Jones, Roy Childs, instructor in architecture, at a salary of one hundred and fifteen dollars (\$115.00) per month, beginning Sept. 15, 1910, to June 30, 1911, in place of R. J. Love, resigned.

Knapp, Aurella, order assistant in the University Library, at a salary of fifty-five dollars (\$55.00) per month, for ten months from Oct. 1, 1910, without vacation, in place of Miss Brundage, resigned.

Manspeaker, Lotta Mae, clerk in the engineering office, at a salary of seventy-five dollars (\$75.00) per month, from Nov. 1, 1910, until further notice in place of Sue W. Ford.

Mitchell, J. H., graduate assistant in Chemistry, at thirty dollars (\$30.00) a month, beginning Nov. 1, 1910, in place of H. H. Radcliffe.

Mohr, Herman, stenographer in the Dean's Office, College of Law, at a

salary of twenty dollars (\$20.00) per month, until further notice, commencing Sept. 15, 1910.

Morse, Major B. C., military commandant, to date from Oct. 1, 1910; his University salary to be forty-eight dollars (\$48.00) per month, dating from that time.

Niver, Margaret, architectural librarian in the Department of Architecture, at a salary of sixty-five dollars (\$65.00) per month, from Sept. 5, 1910, until further notice, but in no case beyond July 1, 1911, in place of Edith Leonard.

Radcliffe, H. H., assistant in chemistry, at a salary of fifty dollars (\$50.00) a month, beginning Nov. 1, 1910, in place of J. H. Mitchell.

Real, R. G., stenographer in the Electrical Engineering Department, with a salary at the rate of thirty-five dollars (\$35.00) per month, beginning Sept. 12, 1910, until further notice.

Reeves, Frances Steadman, stenographer in the office of the dean of the College of Engineering, at a salary of fifty dollars (\$50.00) per month, until further notice, beginning Nov. 1, 1910, in place of Marjorie V. Asche, resigned.

Roberts, Mary H., order assistant in the Library, at a salary of seventy dollars (\$70.00) per month, beginning Nov. 1, 1910, to Aug. 31, 1911, in place of Lois Reed, resigned.

Robertson, Nellie, order assistant in the Library, at a salary of fifty-five dollars (\$55.00) per month, for ten months, beginning Oct. 4, 1910, without vacation.

Smith, Bertram, stack assistant in the Library of the University, for nine months, beginning Nov. 15, 1910, at a salary of seventy dollars (\$70.00) a month.

Smith, Mrs. Raymond S., stenographer and bookkeeper in the order department of the Library, at a salary of fifty dollars (\$50.00) per month, for ten months, beginning Oct. 1, 1910, without vacation.

Smith, William H., half time assistant in the animal husbandry department in the College of Agriculture, at a salary of five hundred dollars (\$500.00) per annum, work and salary to begin as soon as he reports for duty, in place of Mr. May, who declined to accept the appointment after it was made.

Steele, Maude F., stenographer in the office of the dean of the Graduate School, at a salary of four hundred eighty dollars (\$480.00) per year, beginning Oct. 26, 1910, in place of Ethel Titus, resigned, salary to be paid from the commerce fund.

Stewart, LeRoy, clerk of the moot court in the College of Law, for the academic year 1910-11, at a salary of one hundred dollars (\$100.00), payable in installments of fifty dollars (\$50.00) at the end of each semester.

Stout, F. L., assistant in the Military Department, for the present academic year.

Swern, P. W., assistant in the Military Department, for the present academic year.

Taggart, Margaret, assistant in zoölogy, at a salary of thirty dollars (\$30.00) per month, from Nov. 1, 1910, until July 1, 1911, in place of E. W. Crandall, resigned.

Taylor, S. C., student assistant in Chemistry, at a salary of one hundred dollars (\$100.00) per year, beginning Sept. 1, 1910, in place of J. D. Cleghorn, withdrawn.

Thompson, Samuel A., custodian of the Law Library, for the current semester, at a salary of fifteen dollars (\$15.00) per month, beginning Oct. 1, 1910.

Turner, H. M., assistant in Electrical Engineering, at a salary of eight hundred dollars (\$800.00), for ten months, beginning Sept. 1, 1910.

Walter, Chesley M., custodian of the Law Library, for the current semester, at a salary of fifteen dollars (\$15.00) per month, beginning Oct. 1, 1910

Wheeler, Harold L., shelf assistant in the Library, at a salary of seventy dollars (\$70.00) per month, for a period of ten months, beginning Oct. 1, 1910, or as soon as he reports for duty.

Wilsky, Albert, laboratory helper in the Department of Chemistry, at a salary of thirty-two dollars (\$32.00) per month, for nine months, beginning Oct. 1, 1910, in place of W. A. Estes, withdrawn.

Wormser, I. Maurice, instructor in the College of Law, for the second half of the present academic year 1910-11, at a salary of one thousand dollars (\$1,000.00), work and salary to begin Feb. 1, 1911.

REPORTS OF STUDENTS' FEES.

The secretary presented the registrar's report of fees due from students of the Summer Session of 1910; and from students in the College of Medicine for the quarter ending September 30, 1910. This report was referred to the Finance Committee.

TREASURER'S REPORT.

The secretary presented also the report of the Treasurer for the quarter ending September 30, 1910, which was referred to the Finance Committee.

H. A. HAUGAN, TREASURER. IN ACCOUNT WITH THE UNIVERSITY OF ILLINOIS, SEPT. 30, 1910.

		DEI1, 60, 1010.		
		Dr.		
1910.		DI.		
June July	1	Balance per last statement. Received from State Bank of Chicago, six months' interest to July 1, 1910, on \$4,000 bonds of the College of Physicians and Surgeons,		\$529,901 01
	2	for credit of College of Medicine fund	ß 120 00	
		Received from D. A. K. Steele, actuary, for credit of College of	1,365 84	
		Medicine Fund. Received from the Treasurer of the United States, Quarterly Federal Appropriation under the Hatch Act, for credit of the	222 40	
	13	Agricultural Experiment Station fund. Received from the Treasurer of the United States, Quarterly Federal Appropriation, under the Adams Act, for credit of the	3,750 00	
	$\frac{22}{22}$	Agricultural Experiment Station fund. Received from O. E. Staples, chief clerk, for credit of general fund Received from O. E. Staples, chief clerk, for credit of Agricultural	3,750 00 10,000 00	
.	27 29	Experiment Station fund. Recieved from the State Auditor, for credit of general fund Received from the State Auditor, for credit of general fund	136 67 299,700 24 36,250 00	
Aug.		Received from W. B. Day, actuary, for credit of School of Phar- macy fund. Received from D. A. K. Steele, actuary, for credit of College of	45 00	
		Medicine fund. Received from W. B. Day, actuary, for credit of School of Phar-	617 25	
		macy fund. Received from D. A. K. Steele, actuary, for credit of College of	80 00	
		Medicine fund	322 05	
		macy fund	100 00	
Sept.	2	Received from D. A. K. Steele, actuary, for credit of College of	25 00	•
	2	Medicine fund. Received from D. A. K. Steele, actuary, for credit of College of	618 00	
	7	Medicine fund Received from W. B. Day, actuary, for credit of School of Phar-	1,117 45	
	8	macy fund. Received from W. B. Day, actuary, for credit of School of Pharmacy fund.	215 00 90 00	
	9 14	Received from O. E. Staples, chief clerk, for credit of general fund Received from W. B. Day, actuary, for credit of School of Phar-	10,000 00	
	16	macy fund Received from W. B. Day, actuary, for credit of School of Phar-	260 00	
	17	macy fund. Received from W. B. Day, actuary, for credit of School of Phar- macy fund.	200 00 295 00	
	19	Recieved from W. B. Day, actuary, for credit of School of Pharmacy fund.	1,840 00	
		Received from W. B. Day, actuary, for credit of School of Pharmacy fund	2,265 00	
		Received from W. B. Day, actuary, for credit of School of Pharmacy fund	920 00	
	$\frac{22}{22}$	Received from O. E. Staples, chief clerk, for credit of general fund Received from D. A. K. Steele, actuary, for credit of College of	20,000 00	
	22	Medicine fund	1,086 50	ę F
	24	macy fund	572 50 585 00	
	27	macy fund. Received from D. A. K. Steele, actuary, for credit of College of Medicine fund	5,296 61	
		Received from W. B. Day, actuary, for credit of School of Pharmacy fund	510 00	
	28 29	Received from O. E. Staples, chief clerk, for credit of general fund Received from D. A. K. Steele, actuary, for credit of College of Medicine fund.	20,000 00 5,594 80	1
		MEGIOING MING	0,000 00	

Treasurer's Report—Concluded.

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· .		Dr.		:
1910. Sept.	29	Received from W. B. Day, actuary, for credit of School of Phar-		
	30	macy fund Received from O. E. Staples, chief clerk, for credit of general fund Received from D. A. K. Steele, actuary, for credit of College of	\$ 368 71 20,282 14	
		Medicine fund. Received from W. B. Day, actuary, for credit of School of Phar-	4,555 00	
	00	macy fund.	60 00	
		Total		\$983,117 17
1010		Cr. ···		
1910. Sept.	30	By amount paid out of General fund, as per list of warrants herewith.	\$359,935 74	·
	30	By amount paid out of College of Medicine fund, as per list of warrants herewith.	11,355 40	
	30	By amount paid out of School of Pharmacy fund, as per list of warrants herewith	3,466 79	,
	30	By amount paid out of Agricultural Experiment Station fund, as per list of warrants herewith.	6,475 42	*
		Balances-		\$381,233 35
		General fund. College of Medicine fund	15,553 15	•
		School of Pharmacy fund Agricultural Experiment Station fund	5,159 22 1,907 21	
				601,883 82
				\$983,117 17

Respectfully submitted,

H. A. HAUGAN,

Treasurer.

F. J. PLYM SCHOLARSHIP IN ARCHITECTURE.

The secretary presented the following letter from President James, which was received for record:

URBANA, Dec. 8, 1910.

Mr. C. M. McConn, Secretary of the Board of Trustees:

DEAR SIR—I beg to inform you that I have received and turned over to the comptroller of the University a check from F. J. Plym, in the amount of one thousand dollars, payable to the treasurer of the University of Illinois, as the first installment on account of the F. J. Plym Scholarship in Architecture, established by the board at the meeting of Oct. 15, 1910.

Faithfully yours,

EDMUND J. JAMES.

COMMITTEEE ON BUILDINGS AND GROUNDS.

Mr. Hatch presented a report of the Committee on Buildings and Grounds:

Urbana, Dec. 13, 1910.

To the Board of Trustees of the University of Illinois:

Following is a report of the meeting of the Buildings and Grounds Committee, held at the University Dec. 3, 1910:

1. The appropriation of \$800.00 for an addition to the greenhouse, which was referred with power, was approved.

2. The question of tennis courts for the faculty was very fully discussed, and Dr. Bartow presented the matter for the faculty. The committee agreed to recommend that the University build five clay courts, such as have been built for the students, at the extreme south end of the old orchard tract, constructing backstops and providing the necessary under-drainage and water supply; and to recommend an appropriation of not to exceed \$500.00 for the purpose. They also agreed to recommend that the faculty tennis association should be given control of the courts, and be required to maintain them and to furnish the necessary playing equipment.

3. The report of the supervising architect upon telephones was fully considered. The committee recommended that the comptroller's request for an additional \$500.00 be granted; and they requested the supervising architect to undertake to negotiate more favorable contracts with both telephone companies. No action was taken upon the policy of extending the telephone systems, though the informal discussion indicated a belief that a fairly liberal policy should be pursued. It was the evident opinion that the present contract with the Home Telephone Company, requiring us to pay \$3.00 per year per telephone, is not a favorable one for us.

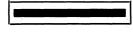
Respectfully submitted,

W. L. Abbott,
A. F. Moore,
F. L. Hatch,
Laura B. Evans,
Committee on Buildings and Grounds.

The first section of the foregoing report, relating to the appropriation of \$800 for an addition to the greenhouse, which was referred to the committee with power at the meeting of October 15, 1910 (see p. 40), was received for record.

As a substitute for the recommendation contained in the second section, it was moved that five new tennis courts be built, to be maintained at the expense of the University, and to be open to both faculty and students. This motion was declared out of order as not offering a real substitute. After a full discussion of the general principle involved in providing special accommodations for the faculty, the recommendation of the committee was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Moore; no, Mrs. Bahrenburg; absent, Mr. Blair, Mr. Crebs, Governor Deneen, Mr. Meeker.

The recommendation contained in the third section of the committee's report, that an additional \$500 be appropriated for the use of the telephone exchange, was approved. The vote was as follows: Ayes, Mr. Abbott, Mrs. Bahrenburg, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Moore; no, none; absent, Mr. Blair, Mr. Crebs, Governor Deneen, Mr. Meeker.



IN MEMORIAM.

The president of the board presented the following memorial sketches, prepared by Mr. W. L. Pillsbury, until recently secretary of the board, of three former members who have passed away within the year: Emory Cobb, John Mills Pearson, and Richard Price Morgan.

EMORY COBB.

Aug. 20, 1831. April 14, 1910.

Emory Cobb was born in Dryden, New York, and received academic training in Ithaca Academy. At the age of sixteen he learned telegraphy and soon was an operator at Buffalo and afterwards at Cleveland. In 1855 he was appointed general manager of the company, which became by change of name the next year the Western Union Telegraph Company, and he held this position until 1867. From this time, without closing official connections with the Western Union and the Northwestern Telegraph Company, of which he was vice president, he turned his attention to general farming, stockraising and banking, being for some years vice president of the Illinois State Board of Agriculture, the organizer and first president of the First National Bank of Kankakee, and president of the American Shorthorn Breeders' Association, engaging also in other important business enterprises.

Upon the chartering of the Illinois Industrial University, Governor Oglesby appointed Mr. Cobb a member of the Board of Trustees, and, at the first meeting, made him chairman of the Finance Committee, the first standing committee of the board. Also upon the organization of the Executive Committee Mr. Cobb was appointed one of its members. These were at that time especially important committees, since titles of real estate donations were to be examined, sales of land scrip and loans of proceeds arranged for, and ways and means for maintenance devised; and, further, since the Executive Committee was entrusted, with but slight restrictions, with the functions of the board in the interim of meetings, while the by-laws adopted provided for but one regular meeting a year.

By the reorganization act of 1873 the board was reduced from thirty-two to eleven in number. Mr. Cobb became one of the nine appointive members, and was at once elected president, which office he held for ten years, being at the same time chairman, ex officio, of the Executive Committee. For the larger part of 1883 and 1884 he was traveling, though continuing a member of the board. In 1885 he was again made a member of the Executive Committee, and was also appointed a member of the Farm Committee, and these positions he held until 1893.

When, in 1888, the Agricultural Experiment Station was organized under the Hatch Act, Mr. Cobb was appointed a member of the Board of Direction, and he had much to do with the shaping of its work for the first five years.

Ward's Casts of Fossils, practically the beginning of the museum, were the gift of Mr. Cobb in 1876.

In these and many other ways, of which there appears no record in the proceedings of the board, Mr. Cobb served the University for twenty-six years, from 1867 to 1893, a term of service thus far neither equaled nor exceeded by that of any other member except Alexander McLean.

JOHN MILLS PEARSON.

Oct. 7, 1832. June 4, 1910.

John M. Pearson was born in Newburyport, Massachusetts. He prepared for Harvard College in the Putnam Free School of that city, but instead of going to college came west in 1849, settling in Alton, where later he became a partner and was the manager in the Agricultural Works in that city. In 1865 he retired from this business, and in 1866 removed to a farm in Godfrey, where he lived for the rest of his life, making dairying and fruit raising his specialties. He was early a member of the Illinois State Horticultural Society, and was its president in 1885-6.

For many years Mr. Pearson was an adviser of the Board of Trustees of Monticello Seminary, founded in 1838 by Captain Benjamin Godfrey.

Governor Beveridge appointed Mr. Pearson in 1878 a member of the Railroad and Warehouse Commission, and for the last three years of the fouryear term he was chairman. During this period much of the pioneer work necessary to determine the powers of railway commissions was done, or was started towards accomplishment in the courts.

In the Thirty-first, Thirty-second and Thirty-third General Assemblies Mr. Pearson was a member of the House.

From 1885 to 1891 Mr. Pearson, under appointments by Governor Fifer, held the chairmanship of the State Board of Live Stock Commissioners. Here again, as the board was created by act of 1885, was found an opportunity for pioneer work.

In 1869, two years after the University was chartered, Governor Palmer appointed Mr. Pearson a member of the Board of Trustees of the University, and he served until appointed to the Railroad and Warehouse Commission in 1873, as noted above. The first year he was a member of the Horticultural Committee and the Auditing Committee. The second year he was on the Horticultural Committee and the Mechanical Committee. The next two years he was appointed to the Executive Committee and the chairmanship of the Mechanical Committee. These last three years were the first of the Mechanical Department, and it was at this time that Professor S. W. Robinson began his work at the University. The new department appealed especially to Mr. Pearson because of experience as a manufacturer, and it profited much from his hearty and intelligent support.

In 1881 the University for the first time asked of the General Assembly an appropriation for current expenses. Mr. Pearson, who was then serving a second term and was a member of the House Committee on appropriations, was found a willing and efficient helper. At the next session, as chairman of the Appropriations Committee, he aided the University greatly in getting an appropriation for this purpose two and a half times greater than the first, and was especially helpful in breaking up a strong combination which was threatening to oppose any appropriation for the University.

The appropriations for current expenses seem small indeed when compared with the hundreds of thousands of these later years; the beginnings were small, but they paved the way for future liberality.

RICHARD PRICE MORGAN.

Sept. 17, 1828. May 20, 1910.

When Colonel Morgan (born in Stockbridge, Massachusetts) took his seat in 1891 as a member of the Board of Trustees he was already an eminent engineer, having held many important official positions. He had been a member of the first Illinois Board of Railroad and Warehouse Commissioners, and during the two-year term had had much to do in organizing the work of the commission, and especially in pushing through the courts for settlement the long and short haul question.

For his original researches in respect to rapid transit in large cities he had been awarded diplomas and medals at the Centennial Exposition and at the Exposition of Railway Appliances at Chicago in 1884.

His report as chief engineer of the United States Pacific Railway Commission had been taken by the government as a basis for settlement with the Union and Pacific railways.

Colonel Morgan, though having other large interests in charge, was a zealous promoter of the welfare of the University and a strenuous guardian of its rights. Naturally he gave the Engineering Department much attention.

Not to mention membership on other committees, he was for two years chairman of the Finance Committee, and for the last four years of his term was a member of the Committee on Buildings and Grounds—chairman for 1895—and it was during these years that appropriations were secured and plans perfected for two important buildings and the buildings erected—the Library and the College of Engineering.

In 1903 the University conferred upon Colonel Morgan the degree of

Doctor of Engineering, honoris causa.

For faithful and valuable service rendered the University of Illinois these men should be held in grateful remembrance by all her friends.



On the invitation of Dean Goss, presented by President James, the board adjourned to Engineering Hall, and inspected the rooms of the department of architecture, especially the drawing rooms and the Architectural Library.

Superintendent Blair joined the board at this point.

After the inspection Dean Goss presented to the board the needs of the College of Engineering for the coming biennium.

The board then returned to the Trustees' Room, where Dean Davenport presented the needs of the College of Agriculture.

The board adjourned to meet in the same place at 2:00 p.m.

Afternoon Session, December 13, 1910.

At the meeting in the afternoon the following members were present: President Abbott, Mrs. Bahrenburg, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Grout, Mr. Hatch, Mr. Hoit, Mr. Moore. President James was present.

NEEDS OF VARIOUS DEPARTMENTS PRESENTED.

President James presented a number of members of the faculty, who spoke to the board of the needs of their respective departments for maintenance and extension for the two years to come. Dean Townsend spoke for the College of Science; Professor Noyes for the department of chemistry; Professor Bartow for the Water Survey; Professor Bleininger for the department of ceramics; Dean Goss in brief explanation of certain points in his address at the morning session; Dean Green for the College of Literature and Arts; Director Bagley for the School of Education; Vice President Burrill for the work in bacteriology; Dean Kinley for the courses in commerce and for the Graduate School; Librarian Windsor for the Library; and Dean Harker for the College of Law.

NUTRITION INVESTIGATION.

President James introduced also Professor Grindley, who presented the following communication in regard to the investigation in nutrition that has been made by the University:

URBANA, Dec. 13, 1910.

To the Board of Trustees of the University of Illinois:

To save you time and to put before you effectively what I deem desirable in this connection, with your permission I will read what I have to say.

The University of Illinois has completed the experimental work of the most extensive, the most thorough, and the most valuable nutrition investigation ever made in the world up to the present time. I make this statement not upon my own authority, but by the authority of some of the most noted scholars in the fields of nutrition, public health, hygiene, and medicine in this country; namely, Chittenden, Theobald Smith, Mathews, Edsall, Benedict, Langworthy, Sedgwick, and others, who have examined the results of this investigation that the University has made.

Already there has been published, through the scientific journals, an amount of data and information relating to this investigation that would make a volume of 475 pages. There are now ready for publication three volumes of 500 pages each, and within the next nine months there will be ready two additional volumes of 500 pages each. Further, after these five volumes are published in full, if opportunity is afforded, three to five volumes more of exceedingly valuable material may be prepared from the data which the investigation has given.

The first six volumes which have been planned, when published, will record in scientific form for future study and reference by far the greatest amount of scientific data and knowledge relative to the nutrition of man that has ever been published in this field of science as the result of one continuous experiment upon man. The publication when completed will be a reference work and a comprehensive and abundant source of exact, scientific information of untold value to students and scholars in nutrition, public health, and medicine, and also to scholars in the study of the conservation of our national wealth and health.

The data, the discussions, the conclusions of this investigation of the University relating to the nutrition of man are and will be frequently and extensively quoted all around the world by students and scholars in this field of human endeavor.

The one most important discovery of this investigation, which stands out pre-eminently from the scientific view point, is the fact that the human body apparently possesses a mechanism and maintains a series of vital processes for the metabolism of nitrates. In other words, the human organism apparenty has the power and exercises the power of producing and destroying nitrates in accord with some as yet unknown requirements for certain minute and limited quantities of these inorganic food constituents. It is difficult to imagine the means by which this formation and this destruction are brought about. It is possible that they may be induced by the action of enzymes, by the glands of the body, or by intestinal bacteria.

While scholars in nutrition are well acquainted with protein metabolism, carbohydrate metabolism, and fat metabolism in the human body, until the present discovery, such a thing as "nitrate metabolism" had not been thought of. This discovery is pronounced by the commission the most remarkable and the most important physiological result of the entire investigation.

As soon as the results of the preliminary work upon this special subject which has been done by the University are published, a considerable number of investigators in different parts of the world will strenuously apply themselves to the elaboration and final solution of this question of "nitrate metabolism."

I maintain that proper investigation should be made here to keep this University in the lead of the investigations that will undoubtedly be made at other institutions as to the question of nitrate metabolism, in order that this institution may receive due credit, not only for the initial discovery, which promises so much both of scientific and practical value to the subject of human nutrition, but also for the researches which should demonstrate completely and thoroughly the true character and the scientific and practical significance of "nitrate metabolism" in human nutrition.

Another very important result of this investigation is the fact that mathematical and statistical methods have been devised, for the first time, for the interpretation and study of the experimental data of nutrition experiments. The application of these statistical methods to the results of nutrition experiments will be of much value in deriving correct conclusions, and they will to a large extent prevent the personal equation from entering into the deduction of the conclusions. As a result, the deductions from such nutrition investigations will grow to have a greater significance and more influence in shaping the health of the public for the reason that the teachings will be logical and more nearly correct.

Another interesting and valuable result of this investigation is the demonstration of the fact that there are significant seasonal variations in many of the nutritional processes of man. In other words, the results indicate that there are rhythmical variations in most if not all of the processes of nutrition, dependent apparently upon the seasons of the year.

Still another important result of this investigation has been to show the influence of different classes of foods—i. e., vegetable and animal foods—and also the influence of different kinds of individual foods—i. e., meats, milk, bread, fruits, etc.—upon the nutrition and health of man.

I have mentioned only a few of the most striking results of this investigation. There are numerous other results of much importance that will appear in due time in excellent shape, if we are given an opportunity to complete the study and the publication of the results in a manner commensurate with the investigation as a whole.

If desired I should be pleased to show the members of the board, either individually or collectively, the detailed curves, charts, and manuscripts which lead to the above stated conclusions. This I could do in my office on the third floor in the Chemistry building, or I could bring the material here and have it ready for your inspection either before or at the close of one of your sessions.

H. S. GRINDLEY.

REPORT OF THE COMPTROLLER.

Professor S. W. Shattuck, the Comptroller, presented his report, which was referred to the Finance Committee.

URBANA, Sept. 20, 1910.

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

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

Paper A is a statement of the current appropriations Sept. 30, 1910.

Paper B is a statement of the State appropriations Sept. 30, 1910. Paper C is a statement of the United States fund Sept. 30, 1910.

Paper U is a statement of the United States fund Sept. 30, 1910. Paper E is a statement of the United States Agricultural Experiment Sta-

tion appropriations Sept. 30, 1910.

 $Paper\ F$ is a statement of the School of Pharmacy appropriations Sept. 30, 1910.

Paper G is a statement of the College of Medicine appropriations Sept. 30, 1910.

 $Paper\ H$ is an estimate of the receipts and expenses for the nine months ending June 30, 1911.

 $Paper\ L$ is a report of the receipts by the chief clerk for the three months ending Sept 30, 1910.

 $Paper\ M$ is a list of the general University vouchers presented for audit, being Nos. 1 to 3600, inclusive.

Paper O is a list of the United States Agricultural Experiment Station vouchers presented for audit, being Nos. 1 to 100, inclusive.

 $Paper\ P$ is a list of the School of Pharmacy vouchers presented for audit, being Nos. 1 to 45, inclusive.

 $Paper\ Q$ is a list of the College of Medicine vouchers presented for audit, being Nos. 1 to 154, inclusive.

Respectfully submitted,

S. W. SHATTUCK, Comptroller.

PAPER A-CURRENT APPROPRIATIONS.

September 30, 1910.	Appropriated,	Expended.	Balance.
Academy laboratory	\$ 751 13		\$ 751 13
Academy salaries	14,050 00	\$ 1,685 00	12,365 00
Academy, sundries	1,100 00	35 27	1,064 73
Accountancy, sundries	3,079 65	242 15	2,837 50
Agricultural College	23,504 50	12, 198 58	11,305 92
Alumni Quarterly	1,000 00	250 00	750 00
Applied mechanics laboratory	1,712 13	78 08	1,634 05
Architectural department	311 71	36	311 35
Art and design, sundries	500 00	222 04	277 96
Astronomy, sundries	100 00	2 20	97 80
Band instruments deposits	120 00	10 00	110 00
Blue printing departmentBotany sundries	2,132 45 500 00	427 29 35 90	1,705 16
Potenty laboratory	76 82	117 95	464 10
Botany laboratory Buildings and grounds	1,023 25	407 16	616-09
Ceramics department	28 77	21 78	6 99
Chemical laboratory	2,266 36	29 00	2,237 36
Chemical laboratory Chemistry, sundries	9,050 00	5,529 06	3,520 94
Civil engineering department	6 00	61 42	0,020 01
Classics, sundries	200 00		200 00
Classics, sundries	5,450 98	789 22	4,661 76
Dairy investigation, receipts	6,090 95	699 97.	5,390 98
Dean of Men, sundries	2,300 00	396 53	1,903 47
Dean of Women, sundries	500 00	51 65	448 35
Debating and oratory, sundries	400 00	21 40	378 60
Editing catalog, sundries	800 00		800 00
Education, School of, sundries	600 00	9 00 125 00	591 00
Editing University Bulletins, sundries	$1,000 00 \\ 113 40$	134 43	875 00
Electrical laboratory	1,310 00	135 76	1,174 24
Entomology, sundries.	200 00	12 75	187 25
Entomology laboratory		7 50	160 99
Entomology laboratory. Feeding experiments, receipts.	5,701 12		5,701 12
Floriculture, receipts. Furniture and fixtures, sundries.	516 43	2 00	514 43
Furniture and fixtures, sundries	1, 109 77	378 01	731 76
	500 00	9 32	490 68
Geology laboratory	210 34	9 81	201 03
Geology, suntries Geology laboratory Germanic languages, sundries	200 00		200 00
Heat and light	1,386 96	76 60	1,310 36
High School Contest, sundries	400 00	3 00	397 00
Heat and light. High School Contest, sundries. High School Visitor, sundries. History, sundries. Listory, sundries. Licidentals.	1,750 00	125 89	1,624 11
History, sundries	200 00	40 20	159 80
ncidentals	8,007 50 60,000 00	794 51 13,151 59	7,212 99 46,848 41
Law School, sundries.	9,330 00	492 25	8,807 75
Library and apparatus.	50 00	21 09	28 91
Library School, sundries	1,000 00	96 60	903 40
Library supplies sundries	1,775 00	194 63	1,580 37
Library supplies, sundriesLiterature and Arts, sundries	800 00	133 01	666 99
Mathematics, sundries	250 00	15 85	234 15
Mechanical eng. department	374 35	305 61	68 74
Medicine, College of, sundries	500 00	25 67	474 33
Military department	500 00		500 00
Mun. and san. eng. department	159 13	10 50	148 63
Music, School of, sundries	750 00	8 50	741 50
Music, School of, Sundries Orchards treatment, receipts. Philology, Journal of, sundries	120 47	28 00	92 47

September 30, 1910.	Appropriated.	Expended.	Balance.
Physical training, men, sundries	\$1,180 84	\$ 2 15	\$1,178 69
Physical training, women, sundries	792 06	49 75	742 31
Physics laboratory	1,339 80	89 94	1,249 86
Physiology, sundries	1,000 00	1 70	998 30
Physiology laboratory		4 98	
Physiology laboratory President's office, sundries	2,000 00	118 62	1,881 38
Psychology, sundries	688 32	238 80	449 52
Psychology, sundries Psychology laboratory	000 02	65	110.02
Public School Drawing Exhibit, sundries	50 00		50 00
Railway eng. department	267 48	78 34	189 14
Railway eng. department Rebates to students, sundries	2,000 00	222 00	1,778 00
Registrar's office, sundries	300 00	41 54	258 46
Registrar's office, sundries Romance language, sundries	200 00	2 00	198 00
Salaries for instruction, sundries	1.000 00	723 57	276 43
Salaries, for services, sundries	1,000 00	126 57	873 43
Science, College of, sundries	1 400 00	64 81	335 19
Snyder fund D S A sundries	1 763.75	694 18	69 57
Snyder fund, interest, sundries	231 69		231 69
Soil examination, receipts	2,216 38	7 50	2,208 88
Stationery and printing	1,000 00	· 47 73	952 27
Summer Session, sundries	2,000 00	958 13	1,041 87
Supervising Architect, sundries	1.600 00	392 62	1,207 38
Pheme reading, sundries University fellowships, sundries	200 00		200 00
University fellowships, sundries	2,400 00	245 00	2,155 00
Vice-Pres. stenographer, sundries	300 00	75 00	225 00
Water survey, receipts		144 03	486 07
Zoölogy laboratory		18 30	37 90
Zoölogy laborátory	1,334 89	152 71	1,182 18

PAPER B-STATE APPROPRIATIONS.

September 30, 1910.	Year.	Appropriated.	Expended.	Balance.
Aggricultural College equipment	1909-1911	\$100,000 00	\$65,846 00	\$34, 154 00
Apparatus and Appliances— Astronomy Botany Entomology Mathematics Geology Psychology		\$6,000 00	\$ 500 00 1,011 50 1,020 61 300 00 \$2,832 11	\$400 00 988 50 779 39 500 00 500 00 \$3,167 89
Buildings and grounds	1909–1911 1909–1911	\$35,000 00	\$23,986 74	\$11,013 26
Caoinets	1909-1911	\$4,000 00 \$25,000 00	\$1,282 23 \$17,548 42	\$2,717 77 \$7,451 58
Chemical laboratory	1909–1911	\$20,000 00	\$12,009 43	\$7,990 57
Crop experiments	1909–1911	· \$30,000 00	\$18,442 89	\$11,557 11
Dairy investigations	1909–1911	\$30,000 00	\$18,153 93	\$11,846 07
School of domestic science	1907–1909	\$20,000 00	\$19,801 95	\$198 05
School of domestic science	1909–1911	\$5,000 00		\$5,000 00
Drains, fences and repairs	1909–1911	\$5,000 00	\$481 76	\$4,518 24
Engineering extension and maintenance— College Experiment Station Fellowships Salaries	1907–1909	\$50,000 00 61,498 31 8,501 69 40,000 00 \$160,000 00	\$24,343 34 28,901 87 3,951 69 20,000 00 \$77,196 90	\$25,656 66 32,596 44 4,550 00 20,000 00 \$82,803 10
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Paper B—State Appropriations—Concluded.

Fire protection	June 30, 1910.	Year.	Appropriated.	Expended.	Balance.
Floriculture	Feeding experiments	1909–1911	\$50,000 00	\$30,954 49	\$19,045 51
Graduate School 1909-1911 \$100,065 95 \$33,742 14 \$66,322 Gymnasium 1909-1911 \$8,000 00 \$3,938 34 \$4,061 Heating plant 1907-1909 \$35,000 00 \$35,000 00 \$27,415 40 \$22,584 Interest on endowment fund—Agricultural College 1909-1911 \$8,100 12 \$1,907 04 \$18,38 Law library stacks 1909-1911 \$10,000 00 \$82,54 08 \$1,197 04 \$11,252 Library 1909-1911 \$33,000 00 \$27,403 12 \$22,564 Mining engineering 1909-1911 \$50,000 00 \$27,403 12 \$22,506 Music, School of 1909-1911 \$50,000 00 \$27,403 12 \$22,506 Music, School of 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses—10closed out. 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses—2 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Closed out. \$1,000 00 \$6,483 \$8 \$2,121 \$1,570 Board expense	Fire protection.	1909–1911	\$3,000 00	\$1,580 69	\$1,419 31
Graduate School 1909-1911 \$100,065 95 \$33,742 14 \$66,322 Gymnasium 1909-1911 \$8,000 00 \$3,938 34 \$4,061 Heating plant 1907-1909 \$35,000 00 \$35,000 00 \$27,415 40 \$22,584 Interest on endowment fund—Agricultural College 1909-1911 \$8,100 12 \$1,907 04 \$18,38 Law library stacks 1909-1911 \$10,000 00 \$82,54 08 \$1,197 04 \$11,252 Library 1909-1911 \$33,000 00 \$27,403 12 \$22,564 Mining engineering 1909-1911 \$50,000 00 \$27,403 12 \$22,506 Music, School of 1909-1911 \$50,000 00 \$27,403 12 \$22,506 Music, School of 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses—10closed out. 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses—2 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Closed out. \$1,000 00 \$6,483 \$8 \$2,121 \$1,570 Board expense	Floriculture	1909–1911	\$16,000 00	\$9,311 23	\$6,688 77
Gymnasium 1909-1911 \$8,000 00 \$3,938 34 \$4,061 Heating plant 1907-1909 \$35,000 00 \$35,000 00 \$27,415 40 \$22,584 Interest on endowment fund—Agricultural College 1909-1911 \$8,100 12 \$1,907 04 \$8,100 12 \$1,907 04 \$6,193 Law library stacks 1909-1911 \$30,000 00 \$27,403 12 \$22,584 Law School 1909-1911 \$33,000 00 \$20,457 04 \$11,292 Library 1909-1911 \$50,000 00 \$27,403 12 \$22,566 Mining engineering 1909-1911 \$50,000 00 \$27,403 12 \$22,566 Music, School of 1909-1911 \$50,000 00 \$27,403 12 \$22,556 Mining engineering 1909-1911 \$50,000 00 \$24,557 33 \$2,121 <t< td=""><td></td><td>1909–1911</td><td>\$100,065 95</td><td>\$33,742 14</td><td>\$66,323 81</td></t<>		1909–1911	\$100,065 95	\$33,742 14	\$66,323 81
Heating plant. 1907-1909 \$35,000 00 \$35,000 00		1909–1911	\$8,000 00		\$4,061 66
Heating and lighting plant		1907–1909	\$35,000 00	\$35,000 00	
Agricultural College. General. \$8,100 12 \$1,007 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$1,400 00 \$1,457 04 \$12,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,543 \$1,547 \$1,500 00 \$1,54,800 \$1,245 \$1,240 \$1,250 \$1,250 \$1,260 \$1,250 \$1,260 \$1,250 \$1,260		1909–1911	\$50,000 00		\$22,584 60
Agricultural College. General. \$8,100 12 \$1,007 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$16,200 24 \$1,907 04 \$14,203 \$1,400 00 \$1,457 04 \$12,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,542 \$1,543 \$1,547 \$1,500 00 \$1,54,800 \$1,245 \$1,240 \$1,250 \$1,250 \$1,260 \$1,250 \$1,260 \$1,250 \$1,260	Interest on endowment fund—	1909–1911			
Law library stacks 1909-1911 \$10,000 00 \$8,254 08 \$1,745	Agricultural College		\$8,100 12 8,100 12	\$1.907.04	\$8,100 12 6,193 08
Law library stacks 1909-1911 \$10,000 00 \$8,254 08 \$1,745 Law School 1909-1911 \$33,000 00 \$20,457 04 \$12,542 Library 1909-1911 \$50,000 00 \$27,403 12 \$22,556 Mining engineering 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses-					\$14,293 20
Law School 1909-1911 \$33,000 00 \$20,457 04 \$12,542 Library 1909-1911 \$50,000 00 \$27,403 12 \$22,596 Mining engineering 1909-1911 \$15,000 00 \$5,488 90 \$9,511 Music, School of 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses- 1909-1911 \$9,728 73 \$9,728 73 \$9,728 73 Closed out. 4,376 84 \$2,255 33 \$2,121 Brake shoe testing machine. 4,376 84 \$2,255 33 \$2,121 Brake shoe testing machine. 4,376 84 \$2,255 33 \$2,121 Brake shoe testing machine. 4,376 84 \$2,255 33 \$2,121 Brake shoe testing machine. 4,378 84 \$2,355 33 \$2,121 Brake shoe testing machine. 4,378 84 \$2,255 33 \$2,121 Brake shoe testing machine. 4,378 84 \$2,255 33 \$2,121 Brake shoe testing machine. 4,378 83 \$3,800 00 \$3,000 00 \$3,300 90 \$3,300 90 \$3,300 90 \$3,300 90 \$3,300 90 \$3	Law library stacks	1909_1911			
Library 1909-1911 \$50,000 00 \$27,403 12 \$22,566 Mining engineering 1909-1911 \$15,000 00 \$5,488 90 \$9,511 Music, School of 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses— 1909-1911 \$9,728 73 \$9,7					
Mining engineering. 1909-1911 \$15,000 00 \$5,488 90 \$9,511 Music, School of. 1909-1911 \$6,000 00 \$4,429 99 \$1,570 Operating expenses—Closed out. 1909-1911 \$9,728 73 \$9,728 73 \$2,255 33 \$2,121 Brake shoe testing machine. 418 87 2,255 33 \$2,121 Brake shoe testing machine. 1,000 00 3,500 00 4,700 Catalog and advertising 8,500 00 3,500 00 4,700 Furniture and fixtures 7,288 81 3,870 91 3,417 Geology 6,803 32 161 30,125 321 61 36,417 Heat and light 51,285 63 33,25 23 17,7970 Law School 4,000 00 333 75 3,660 Lectures 6,893 88 1,947 93 4,945 Library newspaper racks 478 33 52 473 Library pook shelves and stacks 2,130 50 23,350 Salaries for instruction 429,351 09 405,766 02 223,655 Salaries for services 85,881 79 80,474 34 5,407 Stationerry, printing and postage					
Music, School of 1909-1911 \$6,000 00 \$4,429 99 \$1,570 O perating expenses—Closed out. 1909-1911 \$9,728 73 \$9,728 73 \$1,570 Board expense. 4,376 84 2,255 33 \$2,121 Brake shoe testing machine. 418 87 418 87 418 87 School of Education 1,000 00 3,800 00 4,700 Furniture and fixtures 7,288 81 3,870 91 3,417 Geology 823 65 321 61 502 321 61 502 Heat and light 51,295 65 33,325 23 17,970 Leur School 4,000 00 3,300 33 75 3,666 Lectures. 6,893 58 1,947 93 4,945 Library book shelves and stacks. 2,130 50 49,35 19 405,766 02 23,555 Salaries for services. 85,891 79 80,474 34 5,407 5,407 Stationery, printing and postage. 13,330 50 9,963 02 3,367 Summer session 24,802 20 24,802 20 3,603 Parements and walks. 1909-1911					
Closed out. September 1909-1911 September Se					
Closed out			\$0,000 00	#4, 425 55	\$1,070 03
Brake shoe testing machine. School of Education Catalog and advertising. School of Education Catalog and advertising. School of Education Truniture and fixtures Treatment of orchards. Pavements and walks Treatment of orchards. Physics building Pavements and valks Possible and political science 1909-1911 School oo School o	Closed out.	1909-1911	\$ 9,728 73	\$ 9,728 73	
Catalog and advertising. Furniture and fixtures Geology Heat and light S1,295 65 Heat and light S2,325 23 Heat and light	Brake shoe testing machine		418 87	2,255 33	1 418 87
Furniture and fixtures 7,288 81 3,870 91 3,417 Geology 823 65 33,216 1 Heat and light 51,295 65 33,325 23 17,970 Law School 4,000 00 333 75 3,666 Lectures 6,893 58 1,947 93 4,945 Library newspaper racks 478 33 5 25 473 Library book shelves and stacks 2,130 50 2,130 Salaries for instruction 429,351 09 405,766 02 23,585 Salaries for reservices 85,881 79 80,474 34 5,407 Stationery, printing and postage 13,330 50 9,963 02 3,367 Summer session 24,860 20 24,319 68 540 Unassigned 399,641 46 399,641 Treatment of orchards 1909-1911 \$30,000 00 \$576,111 90 \$473,888 Treatment and walks 1909-1911 \$5,000 00 \$13,397 00 \$3,603 Pharmacy, School of 1909-1911 \$20,000 00 \$14,215 00 \$5,785 Physics building 1907-1909 \$250,000 00 \$23,758 95 \$12,241 Shop practice 1909-1911 \$10,000 00 \$7,551 21 \$2,448 Social and political science 1909-1911 \$10,000 00 \$74,109 74 \$45,890 Telephone exchange 1909-1911 \$1,500 00 \$1,500 00 University Hall 1909-1911 \$250,000 00 \$1,755 96 \$15,244 Water station 1907-1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1909-1911 \$6,000 00 \$3,000 00 \$15,500 00 Sa,000 \$36,000 \$36,000 \$36,000 Sa,000 \$36,000 \$36,000 \$36,000 Sa,000 \$	Catalog and advertising		8 ,500 00	3,800 00	4.700 00
Salaries for services 85,881 79 80,474 34 5,407 8			823 65	321 61	3,417 90 502 04
Salaries for services 85,881 79 80,474 34 5,407 8	Heat and lightLaw School		51,295 65 4,000 00	33,325 23 333 75	17,970 32 3,666 25
Salaries for services 85,881 79 80,474 34 5,407 8	Lectures		6,893 58	1,947 93 5 25	4,945 65 473 08
Silicate	Library book shelves and stacks.		2 120 50		2,130 50
Silicate	Salaries for services.		85,881 79 13 330 50	80,474 34	5.407 45
\$1,050,000 00 \$576,111 90 \$473,888 Treatment of orchards. 1909–1911 \$30,000 00 \$23,096 64 \$6,903 Pavements and walks. 1909–1911 \$5,000 00 \$1,397 00 \$3,603 Pharmacy, School of 1909–1911 \$20,000 00 \$14,215 00 \$5,785 Physics building 1907–1909 \$250,000 00 \$237,758 95 \$12,241 Shop practice 1909–1911 \$10,000 00 \$7,551 21 \$2,448 Social and political science 1909–1911 \$50,000 00 \$26,124 08 \$23,975 Soil examinations 1909–1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange 1909–1911 \$1,500 00 \$1,500 00 University Hall 1909–1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. 1ab 1907–1909 \$30,000 00 \$1,916 56 \$1,083 Water station 1909–1911 \$6,000 00 \$6,000 \$6,000 Social scale of the sca	Summer session		24,860 20	24,319 68	540 52
Treatment of orchards 1909–1911 \$30,000 00 \$23,096 64 \$6,903 Pavements and walks 1909–1911 \$5,000 00 \$1,397 00 \$3,603 Pharmacy, School of 1909–1911 \$20,000 00 \$14,215 00 \$5,785 Physics building 1907–1909 \$250,000 00 \$237,758 95 \$12,241 Shop practice 1909–1911 \$10,000 00 \$7,551 21 \$2,448 Social and political science 1909–1911 \$50,000 00 \$26,124 08 \$23,975 Soil examinations 1909–1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange 1909–1911 \$1,500 00 \$1,500 00 University Hall 1909–1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. lab 1907–1909 \$30,000 00 \$1,755 96 \$15,244 Water station 1909–1911 \$6,000 00 \$6,000 \$6,000	Unassigned			et76 111 00	l
Pavements and walks 1909–1911 \$5,000 00 \$1,397 00 \$3,603 Pharmacy, School of 1909–1911 \$20,000 00 \$14,215 00 \$5,785 Physics building 1907–1909 \$250,000 00 \$237,758 95 \$12,241 Shop practice 1909–1911 \$10,000 00 \$7,551 21 \$2,448 Social and political science 1909–1911 \$50,000 00 \$26,124 08 \$23,975 Soil examinations 1909–1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange 1909–1911 \$1,500 00 \$1,500 00 University Hall 1909–1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. lab 1907–1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1909–1911 \$6,000 00 \$6,000 \$6,000	Muse two and a facult will be	4000 4044			
Pharmacy, School of 1909–1911 \$20,000 00 \$14,215 00 \$5,785 Physics building 1907–1909 \$250,000 00 \$237,758 95 \$12,241 Shop practice 1909–1911 \$10,000 00 \$7,551 21 \$2,448 Social and political science 1909–1911 \$50,000 00 \$26,124 08 \$23,975 Soil examinations 1909–1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange 1909–1911 \$1,500 00 \$38,430 83 \$211,569 Veterinary college res. lab 1907–1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1909–1911 \$6,000 00 \$36,000	•				
Physics building 1907-1909 \$250,000 00 \$237,758 95 \$12,241 Shop practice 1909-1911 \$10,000 00 \$7,551 21 \$2,448 Social and political science 1909-1911 \$50,000 00 \$26,124 08 \$23,975 Soil examinations 1909-1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange 1909-1911 \$1,500 00 \$33,430 83 \$211,569 Veterinary college res. lab 1907-1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1909-1911 \$6,000 00 \$3,000 00 \$36,000					
Shop practice. 1909-1911 \$10,000 00 \$7,551 21 \$2,448 Social and political science. 1909-1911 \$50,000 00 \$26,124 08 \$23,975 Soil examinations. 1909-1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange. 1909-1911 \$1,500 00 \$1,500 00 University Hall. 1909-1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. lab. 1907-1909 \$30,000 00 \$14,755 96 \$15,244 Water station. 1907-1909 \$3,000 00 \$1,916 56 \$1,083 Water station. 1909-1911 \$6,000 00 \$6,000 \$6,000		-			======
Social and political science. 1909–1911 \$50,000 00 \$26,124 08 \$23,975 Soil examinations. 1909–1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange. 1909–1911 \$1,500 00 \$1,500 00 University Hall. 1909–1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. lab. 1907–1909 \$30,000 00 \$1,755 96 \$15,244 Water station. 1907–1909 \$3,000 00 \$1,916 56 \$1,083 Water station. 1909–1911 \$6,000 00 \$6,000	the state of the s	1			
Soil examinations 1909–1911 \$120,000 00 \$74,109 74 \$45,890 Telephone exchange 1909–1911 \$1,500 00 \$1,500 00 University Hall 1909–1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. lab 1907–1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1907–1909 \$3,000 00 \$1,916 56 \$1,083 Water station 1909–1911 \$6,000 00 \$6,000		1			
Telephone exchange 1909–1911 \$1,500 00 \$1,500 00 University Hall 1909–1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. lab 1907–1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1907–1909 \$3,000 00 \$1,916 56 \$1,083 Water station 1909–1911 \$6,000 00 \$6,000 \$6,000		l			
University Hall 1909-1911 \$250,000 00 \$38,430 83 \$211,569 Veterinary college res. lab 1907-1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1907-1909 \$3,000 00 \$1,916 56 \$1,083 Water station 1909-1911 \$6,000 00 \$6,000 \$6,000		1		\$74,109 74	\$45,890 26
Veterinary college res. lab. 1907–1909 \$30,000 00 \$14,755 96 \$15,244 Water station 1907–1909 \$3,000 00 \$1,916 56 \$1,083 Water station 1909–1911 \$6,000 00 \$6,000 \$6,000					
Water station 1907-1909 \$3,000 00 \$1,916 56 \$1,083 Water station 1909-1911 \$6,000 00 \$6,000 \$6,000	· ·	1			\$211,569 17
Water station. 1909–1911 \$6,000 00 \$6,000 \$6,000		ļ			\$15,244 04
	Water station	1907–1909	\$3,000 00	\$1,916 56	\$1,083 44
Water survey	Water station	1909–1911			\$6,000 00
	Water survey	1909–1911	\$10,000 00	\$6,519 90	\$3,480 10

PAPER C-UNITED STATES FUND.

September 30, 1910.	Appropriated.	Expended.	Balance.
Morrill Fund— Agricultural College. General. Nelson Fund— Agricultural College. General.	12,500 00	\$ 737 48 2,194 93 6,833 24 \$9,765 65	\$11,762 52 12,500 00 7,805 07 3,166 76 \$35,234 35

PAPER E-United States Agricultural Experiment Station.

September 30, 1910.	Appropriated.	Expended.	Balance.
Hatch Fund— Salaries. Labor. Publications. Postage and stationery. Freight and express. Seeds, plants and sundries Feeding stuffs. Library. Live stock. Traveling expenses. Unassigned.	489 29 134 80 37 35 90 17 60 6 15 18 00 26 25	\$1,484 95 489 29 134 80 37 35 90 17 60 6 15 18 00 26 25 25 66	\$12,759 05
Adams Fund— Salaries Labor Freight and express Chemical supplies Seeds, plants and sundries Unassigned	\$15,000 00 \$ 2,623 66 1,133 05 45 1 05 35 08	1,133 05 45 1 05 35 68	
Hatch fund, receipts	\$1,909 06	\$30 86	\$1,878 20
Adams fund, receipts	\$204 14		\$204 14

PAPER F-School of PHARMACY.

September 30, 1910.	Appropriated.	Expended.	Balance.
Salaries Buildings and grounds Fuel and lights Stationery and printing Laboratories Incidentals Advertising. Furniture and fixtures Unassigned	354 38 32 85 105 75 1,060 72 138 86	\$ 30 40 354 38 32 85 105 75 1,060 72 138 86 443 42 56 60 \$2,222 98	\$2,777 02 \$2,777 02

PAPER G-COLLEGE OF MEDICINE.

July and August, 1910.	Appropriated.	Expended.	Balance.
Salaries for instruction Salaries for services. Buildings and grounds. Fuel and lights Stationery and printing Laboratories Library Apparatus and materials Incidentals. Advertising Sundries. School of Dentistry— Salaries for instruction Salaries for services. General	\$1,150 00 2,583 32 89 40 236 07 398 38 155 46 182 85 6 87 132 79 23 68 52 35 793 32 370 00 926 18	\$1, 150 00 2, 583 32 89 40 236 07 398 38 155 46 182 85 6 87 132 79 23 68 52 32 793 32 370 00 926 18	
	\$7,100 67	\$7,100 67	
Medical Department— Salaries for services. Salaries for instruction Rent. Fuel and light Stationery and printing. Laboratories. Apparatus and materials Advertising and announcement. Museum. Furniture and fixtures. Dispensary (West side free) Incidentals. Library. Maternity Hospital wards. Laundry.	500 00 4,000 00 1,000 00 3,000 00 200 00 500 00 500 00 300 00 1,200 00	\$1,323 31 375 00	\$15,436 61 12,980 00 19,500 00 5,000 00 4,000 00 1,000 00 300 00 500 00 500 00 1,200 00 500 00 500 00
Dental Department— Salaries for services Salaries for instruction Fuel and light. Stationery and printing. Laboratories and clinics. Advertising and announcement. Furniture and fixtures Incidentals.	1,000 00 200 00 2,400 00 1,100 00	\$1,698 31 \$185 00 396 66	\$64,619 61 \$2,035 00 9,563 34 1,000 00 2,400 00 1,100 00 100 00 175 00
Laundry	\$17,405 00	\$58,1 66	\$16,823 34

Paper L—Receipts and Remittances of the Chief Clerk for the Three Months Ending Sept. 30, 1910.

Balance June 31, 1910	-	\$15,831 84
University fees.	\$45,472 25	\$10,001 OI
Locker fees	1,387 50	
Locker fees. Diploma fees.	10 00	
Special fees	11,871 25	
Andamy food	4,782 50	
Academy fees. Buildings and grounds.	23 25	
Host and Walte	386 96	•
Heat and lights Hatch fund, receipts		
Hatch und, receipts	3 20	
Incidentals. Furniture and fixtures.	7 50	
Furniture and fixtures.	.109 77	
Edward Snyder fund, interest	231 69	
Edward Snyder fund, principal.	763 75	
Journal of Philology	77 90	
Blue printing department.	1,074 20	
Accountancy	151 20	
Agricultural College	13,503 86	
Agricultural College. Crop experiments, receipts.	65 96	
Dairy investigation, receipts	262 81	
Feeding experiments, receipts.	1,323 32	
Florientture regaints	385 44	
Floriculture, receipts	40 50	
1 reatment of orchards, receipts.	436 29	
Soil examination, receipts	557 83	
Applied mechanics laboratory		
Botany laboratory	. 2 00	
Chemical laboratory	309 87	
Entomology laboratory	1 50	
Geology laboratory	3 25	
Entomology laboratory Geology laboratory Physics laboratory Zodlogy laboratory Civil engineering department	4 00	
Zoölogy laboratory	4 00	
Civil engineering department.	6 00	
Mechanical engineering department. Water survey, receipts.	151 34	
Water survey receipts	446 00	
wast barvey, recorption		83,856 90
· · · · · · · · · · · · · · · · · · ·		
		\$99,688 74
REMITTANCES TO H. A. HAUGAN, TREASURER.	'	
1910.		
July 21 Chicago draft.	\$10,136 67	
	10,000 00	
Sept. 8 Chicago draft	20,000 00	
Sept. 21 Cincago drait.	20,000 00	
Sept. 27 Chicago draft.	20,000 00	
Sept. 29 Chicago draft	20,282 14	\$80,418 81
Balance September 30, 1910.		19, 269 93
		400, 000, 74
		\$99,688 74

College of Medicine Rent.

The president of the board presented the following letter from the comptroller:

URBANA, Dec. 12, 1910.

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

 $\ensuremath{\text{DEAR}}$ Sir—At my suggestion, Dr. Steele sends me the enclosed letter of date the 10th inst.

The board might, if it sees fit to do so, make the requested advance of \$3,000.00 on the rent, which, added to the \$3,600.00 already advanced, would make \$6,600.00.

Up to December 1st there had been collected \$48,740.00 on account of the present year.

I recommend that the balance of the communication be referred to the Committee on the College of Medicine for report.

Sincerely yours, S. W. SHATTUCK, Comptroller. This letter, with its enclosure, was referred to the Committee on the College of Medicine for consideration and report.

REPORT OF THE EXECUTIVE COMMITTEE.

President Abbott, as Chairman of the Executive Committee, presented a report of the meeting of that committee held in Urbana on October 15, 1910.

URBANA, Oct. 15, 1910.

To the Board of Trustees of the University of Illinois:

Immediately after the adjournment of the afternoon session of the Board of Trustees of the University of Illinois on Oct. 15, 1910, the Executive Committee of the board met in the Trustees' room, Natural History building, Urbana. Messrs. Abbott, Grout and Hatch, members of the committee, were present; also Mesdames Bahrenburg, Busey and Evans and President James.

On motion of Mr. Hatch, the several actions voted by the members of the board present at the afternoon session of the special meeting of this date, Oct. 15, 1910 (see page 48 of this volume), were approved by, and constituted actions of, the Executive Committee.

Respectfully submitted,

A. P. GROUT, FRED L. HATCH, W. L. ABBOTT, Executive Committee.

C. M. McConn, Clerk.

The board adjourned.

C. M. McConn, Secretary. W. L. Abbott,

President.